



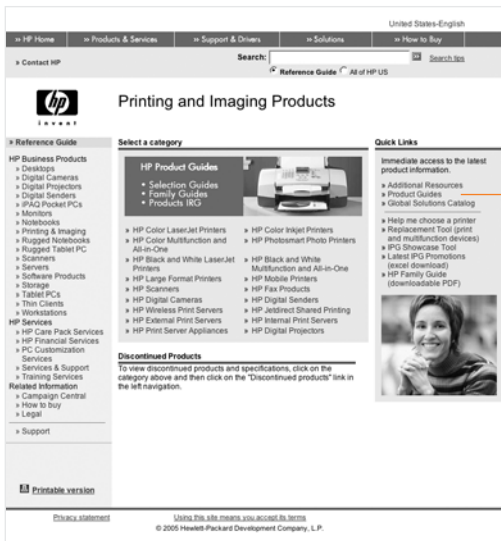
## HP Printing and Digital Imaging Products IRG

November 1, 2005 – February 28, 2006

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# HP Photosmart Digital Camera Specifications



**M22  
L1891A**



**M417  
L2011A**

	<b>M22 L1891A</b>	<b>M417 L2011A</b>
<b>Resolution</b>	4.0 megapixels	5.2 megapixels
<b>Exposure Rating</b>	ISO 100, 200, 400	Auto (default), 100, 200, 400
<b>Shutter Speed</b>	15 to 1/1800 sec	2 to 1/2000 sec
<b>Lens System</b>	6x digital zoom; 6.11 mm focal length; 36.7 mm (35 mm equivalent); f2.8 (large diameter), f6.5 (small diameter)	HP Precision Lens; 21x total zoom; 3x optical; 7x digital; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.8 to f4.9 (wide); f4.8 to f8.0 (telephoto)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	16 MB internal	16 MB internal
<b>Power Supply</b>	2 AA alkaline batteries (included); optional photo-lithium or NiMH rechargeable batteries, 3.3V AC adapter or dock	2 AA photo-lithium batteries (included); optional 3.3V AC adapter or dock
<b>Focus</b>	Normal (default), macro	Normal (default), macro
<b>Flash</b>	Auto (default), off, on, red-eye, night	Auto (default), on, off, red-eye, night
<b>Image Control Functions</b>	Off (default), date only, date and time imprinting	Date and time imprinting
<b>Zoom</b>	6x digital	21x (3x optical, 7x digital)
<b>Exposure Control</b>	Auto Exposure (AE) metering (center-weighted)	Auto Exposure (AE) metering (center-weighted)
<b>Viewfinder</b>	None	Zooming optical
<b>Shooting Mode</b>	Normal (default), self-timer, video	Still (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	EV compensation, image quality, white balance, ISO speed, color, saturation; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal, HP In-Camera Panorama Preview and Review, HP Image Advice, HP Noise Filter, HP Adaptive Demosaic, HP Vignetting, HP Preferred Photo Reproduction	EV compensation, image quality, white balance, ISO speed, fast mode; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal
<b>LCD Display</b>	1.5-in diagonal display size, bright indoor/outdoor viewable color LCD; 280 x 220 = 61600 pixels	1.8-in (4.57 cm) LCD display; 557 x 234 = 130338 pixels (diagonal display size)
<b>Video Length, Max</b>	Limited to the size of the memory card	Limited to the size of the memory card
<b>Sound Capture</b>	Yes, maximum length is limited to available memory	Yes, maximum length is limited to available memory
<b>Picture Mode</b>	Auto (default), macro, action, landscape, portrait, panorama, beach, snow, sunset	Auto (default), action, landscape, portrait, beach, snow, macro, fast shot
<b>Connectivity, Std</b>	USB	USB
<b>Connectivity, Opt</b>	Dock	Dock
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer or all-in-one)	Yes (to any PictBridge-enabled printer or all-in-one)
<b>Dimensions (W x D x H)</b>	1.13 x 3.78 x 1.93 in	4.3 x 1.46 x 2.09 in (without lens extended)
<b>Weight</b>	4.16 oz	4.16 oz

# HP Photosmart Digital Camera Specifications



**M517  
L1901A**



**R717  
L2038A**

<b>Resolution</b>	5.2 megapixels	6.2 megapixels
<b>Exposure Rating</b>	Auto (default), 100, 200, 400	Auto (default), ISO 50, 100, 200, 400
<b>Shutter Speed</b>	2 to 1/2000 sec	16 to 1/2000 sec
<b>Lens System</b>	HP Precision Lens; 24x total zoom; 3x optical zoom; 8x digital zoom; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.9 to f4.9 (wide); f4.8 to f8 (telephoto)	HP Precision Lens; 24x total zoom; 3x optical zoom; 8x digital zoom; 8 to 24 mm focal length; approximately 39 to 117 mm (35 mm equivalent); f2.8 to f4.8 m (wide); f4.9 to f8.4 m (telephoto)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	32 MB internal	32 MB internal
<b>Power Supply</b>	2 NiMH rechargeable batteries (included), 3.3V AC adapter (included); optional AA alkaline batteries or photo lithium batteries	1 lithium-ion battery (included), 3.3V AC adapter (included); optional dock
<b>Focus</b>	Normal (default), macro	Normal (default), macro, infinity, manual
<b>Flash</b>	Auto (default), auto with red-eye reduction, flash off, flash on, night	Auto (default), auto with red-eye, flash on without red-eye, flash off, night with red-eye
<b>Image Control Functions</b>	Date and time imprinting	Date and time imprinting
<b>Zoom</b>	24x (3x optical, 8x digital)	24x (3x optical, 8x digital)
<b>Exposure Control</b>	Auto Exposure (AE) metering (center-weighted)	AE metering (center-weighted, spot, average)
<b>Viewfinder</b>	Zooming optical	Optical view finder
<b>Shooting Mode</b>	Still (default), self-timer, self-timer (2 shots), burst, video	Normal (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	EV compensation, image quality, white balance, ISO speed, fast mode, AE metering, color, saturation, sharpness, contrast, AE bracketing; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal	EV compensation, image quality, white balance, ISO speed, AE metering, color, saturation, sharpness, contrast, AE bracketing; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal, HP In-Camera Panorama Preview, HP Image Advice, HP Noise Filter, HP Adaptive Demosaic, HP Vignetting, HP Preferred Photo Reproduction
<b>LCD Display</b>	2.0-in (5.08 cm) LCD display; 557 × 234 = 130338 pixels (diagonal display size)	1.8-in Color Active Matrix TFT with Backlight; 558 × 234 = 130572 pixels
<b>Video Length, Max</b>	Limited to the size of the memory card	Limited to available memory
<b>Sound Capture</b>	Yes, maximum length is limited to available memory	Yes, up to 60 secs (audio with still shot), audio with video capture is limited to available memory
<b>Picture Mode</b>	Auto (default), macro, fast shot, action, portrait, landscape, beach, snow	Auto (default), my mode, action, landscape, portrait, beach, snow, sunset, aperture priority, panorama, document, museum
<b>Connectivity, Std</b>	USB	USB
<b>Connectivity, Opt</b>	Dock	Dock
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer)	Yes (to any PictBridge-enabled printer or all-in-one)
<b>Dimensions (W × D × H)</b>	4.3 × 1.46 × 2.09 in (without lens extended)	3.74 × 1.34 × 2.32 in
<b>Weight</b>	5.12 oz (without batteries), 6.08 oz (with batteries)	6.40 oz (without battery), 8.00 oz (with battery)



**R817  
L2031A**

<b>Resolution</b>	5.1 megapixels
<b>Exposure Rating</b>	Auto (default), ISO 50, 100, 200, 400
<b>Shutter Speed</b>	1/6 to 1/2000 sec
<b>Lens System</b>	Pentax Lens; 40x total zoom (5x optical, 8x digital), 5.8 to 29 mm focal length, approximately 36 to 180 mm (35 mm equivalent), f2.8 to f8 m (wide), f4.7 to f7.6 m (telephoto)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	32 MB internal
<b>Power Supply</b>	1 lithium-ion rechargeable battery (included), 3.3V AC adapter with cradle (included); optional dock
<b>Focus</b>	Normal, macro, super macro, infinity, manual focus
<b>Flash</b>	Auto (default), on, off, red-eye reduction (auto/night)
<b>Image Control Functions</b>	Off, date only, date and time
<b>Zoom</b>	40x (5x optical, 8x digital)
<b>Exposure Control</b>	Auto (default), aperture priority, shutter priority, full manual, AE metering center weighted (default), spot auto exposure metering (AE), average auto exposure metering (AE)
<b>Viewfinder</b>	None
<b>Shooting Mode</b>	Still (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	Manual control: EV compensation, image quality, video quality, white balance, auto focus area, ISO speed, AE metering, color, saturation, sharpness, contrast, AE bracketing, color bracketing; HP Real Life technologies including: HP Adaptive Lighting and Adaptive Lighting Bracketing, HP In-Camera Red-Eye Removal, HP In-Camera Panorama Preview and Stitching, HP Image Advice, HP Noise Filter, HP Adaptive Demosaic, HP Vignetting, HP Preferred Photo Reproduction
<b>LCD Display</b>	2.0-in (5.08 cm) LCD display; 640 × 240 = 153600 pixels (diagonal display size)
<b>Video Length, Max</b>	Limited to the size of the memory card or internal memory
<b>Sound Capture</b>	Yes, up to 60 secs (audio with still shot), audio with video capture is limited to the size of the memory card or internal memory
<b>Picture Mode</b>	Auto, action, landscape, portrait, beach, snow, sunset, aperture priority, shutter priority, panorama right, panorama left, document, manual mode, my mode, theatre
<b>Connectivity, Std</b>	Cradle, USB (standard B cable)
<b>Connectivity, Opt</b>	Dock (C8887A) with USB Mini AB connector, DC input connector, A/V connector
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer or all-in-one; does not apply to stitched panorama images or video)
<b>Dimensions (W × D × H)</b>	3.58 × 1.17 × 2.24 in (without lens extended)
<b>Weight</b>	5.76 oz (without batteries), 6.72 oz (with batteries)



# HP Photosmart M22 Digital Camera

Take true to life digital photos at 4 MP with a small, weather-resistant camera that's easy to use.

## Product pointers

- Get big results from a small camera at 4 MP resolution for true to life digital photos that make great prints and enlargements. Just point and shoot to get sharp photos automatically—plus, shoot video clips. Get close with 6x digital zoom.
- Take it almost anywhere—this camera features a weather-resistant, all-metal case. Frame and view photos and more on a bright, 1.5-inch image display. Easily transfer and store photos using an optional SD/MMC memory card (not included, please purchase separately) and 16 MB internal memory.
- Take great digital photos with easy to use HP Real Life technologies. Enable your camera to automatically brighten dark areas normally lost in shadows, remove red-eye, preview panorama shots and give you photo-taking tips—all as you take photos.
- Easily transfer photos, recharge batteries and more with an optional dock. Edit, organize and print photos easily using included HP Image Zone software, or choose to print without a PC. E-mail without large attachments using HP Instant Share.

## Ordering information

<b>Model Number</b>	M22
<b>Commercial</b>	L1891A (ABA)
<b>Retail</b>	L1891A (ABA)
<b>Canada</b>	L1891A (A2L)

## Compatibility

<b>Operating System</b>	M22
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Photosmart M22

## In the box

- 2 AA batteries
- USB cable for camera to PC
- User's manual
- Quick start guide
- Wrist strap
- Dock insert (for use with camera dock)

## Software

- HP Image Zone with HP Instant Share
- American Greetings Create & Print Greeting Cards (Windows only)

## Shipping weight and shipping dimensions

- M22 1.2 lb 11.34 x 2.17 x 7.68 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 90 day limited

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8226A/E
3 years	U4794A/E
- Next Day Exchange with Accidental Damage Protection:
 

2 years	U8236A/E
3 years	U8237A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0232ENUC

### Service

- [www.hp.com/cposupport](http://www.hp.com/cposupport)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

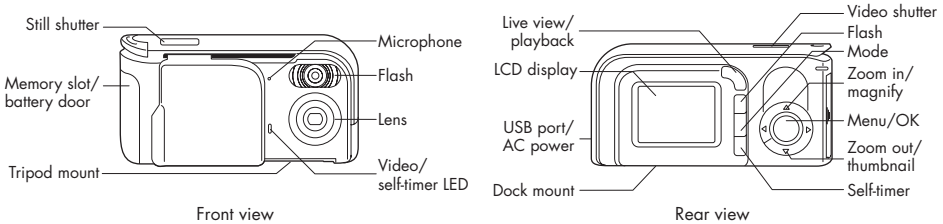
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- See page 15 for complete specifications and comparisons to other HP Photosmart Digital Cameras.

M22	
<b>Product Number</b>	L1891A
<b>Resolution</b>	4.0 megapixels
<b>Exposure Rating</b>	ISO 100, 200, 400
<b>Shutter Speed</b>	15 to 1/1800 sec
<b>Lens System</b>	6x digital zoom; 6.11 mm focal length; 36.7 mm (35 mm equivalent); f2.8 (large diameter), f6.5 (small diameter)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	16 MB internal
<b>Power Supply</b>	2 AA alkaline batteries (included); optional photo-lithium or NiMH rechargeable batteries, 3.3V AC adapter or dock
<b>Focus</b>	Normal (default), macro
<b>Flash</b>	Auto (default), off, on, red-eye, night
<b>Image Control Functions</b>	Off (default), date only, date and time imprinting
<b>Zoom</b>	6x digital
<b>Exposure Control</b>	Auto Exposure (AE) metering (center-weighted)
<b>Viewfinder</b>	None
<b>Shooting Mode</b>	Normal (default), self-timer, video
<b>Imaging Technology</b>	EV compensation, image quality, white balance, ISO speed, color, saturation; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal, HP In-Camera Panorama Preview and Review, HP Image Advice, HP Noise Filter, HP Adaptive Demosaic, HP Vignetting, HP Preferred Photo Reproduction
<b>LCD Display</b>	1.5-in diagonal display size, bright indoor/outdoor viewable color LCD; 280 x 220 = 61600 pixels
<b>Video Length, Max</b>	Limited to the size of the memory card
<b>Sound Capture</b>	Yes, maximum length is limited to available memory
<b>Picture Mode</b>	Auto (default), macro, action, landscape, portrait, panorama, beach, snow, sunset
<b>Connectivity, Std</b>	USB
<b>Connectivity, Opt</b>	Dock
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer or all-in-one)
<b>Dimensions (W x D x H)</b>	1.13 x 3.78 x 1.93 in
<b>Weight</b>	4.16 oz

### HP Photosmart M22



### Supplies and accessories

#### Other

- HP 3.3V AC Adapter C8912B
- HP Photosmart M-Series Dock C8907A
- M-Series Quick Charge Kit L1815A
- Black Sport Case Q6216A
- Secure Digital (SD) Memory Card:
  - 64 MB L1872A
  - 128 MB L1873A
  - 256 MB L1874A
  - 512 MB L1875A
  - 1 GB L1876A

# HP Photosmart M417 Digital Camera

Take exceptional photos easily at 5.2 MP and 21x total zoom (3x optical, 7x digital) to print and share.



HP Photosmart M417

## Product pointers

- Take exceptional photos at 5.2 MP resolution that make beautiful 4 x 6-inch prints and enlargements up to poster size. Snap distance shots with 21x total zoom—HP Precision 3x optical lens, 7x digital. Take better photos using HP Real Life technologies.
- View photos on a bright, 1.8-inch image display. An easy to use design features a unique grip for one-handed shots and an intuitive button layout. Easily store dozens of photos with 16 MB internal memory and a slot for an optional SD/MMC card (not included, please purchase separately).
- Decide how to share photos as you take them—automatically e-mail without attachments or print using HP Instant Share. Edit, organize and print photos using included software. Easily transfer photos and more using an optional dock, or print PC-free.
- Power your camera with rechargeable or disposable batteries. Shoot video or take a series of photos in burst mode. Easily transfer and store photos using an optional memory card. Choose from a variety of optional accessories—cases, recharge kits and more.

## Ordering information

<b>Model Number</b>	<b>M417</b>
<b>Commercial</b>	L2011A (ABA)/L2013A <sup>1</sup>
<b>Retail</b>	L2011A (ABA)
<b>Canada</b>	L2011A (ABA)

<sup>1</sup>Bundle option (L2013A) includes camera (L2011A) and dock (C8907A).

## Compatibility

<b>Operating System</b>	<b>M417</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•

## In the box

- 2 AA photo-lithium batteries
- USB cable for camera to printer
- USB cable for camera to PC or PictBridge-certified printer
- User's manual
- Quick start guide
- Dock insert (for use with camera dock)
- Wrist strap
- Warranty and regulatory flyer
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share
- American Greetings Create & Print Greeting Cards (Windows only)

## Shipping weight and shipping dimensions

- M417 1.23 lb 11.34 x 2.17 x 7.68 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited with telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8226A/E
  - 3 years U4794A/E
- Next Day Exchange with Accidental Damage Protection:
  - 2 years U8236A/E
  - 3 years U8237A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0235ENUC

### Service

- [www.hp.com/cposupport](http://www.hp.com/cposupport)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

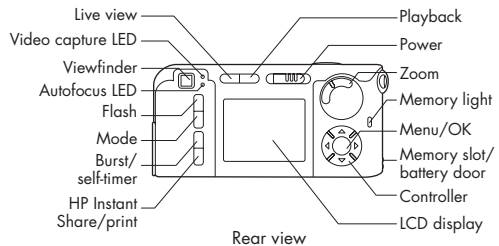
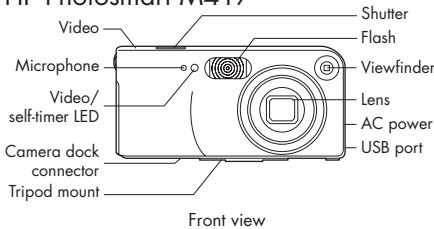
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- See page 15 for complete specifications and comparisons to other HP Photosmart Digital Cameras.

M417	
<b>Product Number</b>	L2011A
<b>Resolution</b>	5.2 megapixels
<b>Exposure Rating</b>	Auto (default), 100, 200, 400
<b>Shutter Speed</b>	2 to 1/2000 sec
<b>Lens System</b>	HP Precision Lens; 21x total zoom; 3x optical; 7x digital; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.8 to f4.9 (wide); f4.8 to f8.0 (telephoto)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	16 MB internal
<b>Power Supply</b>	2 AA photo-lithium batteries (included); optional 3.3V AC adapter or dock
<b>Focus</b>	Normal (default), macro
<b>Flash</b>	Auto (default), on, off, red-eye, night
<b>Image Control Functions</b>	Date and time imprinting
<b>Zoom</b>	21x (3x optical, 7x digital)
<b>Exposure Control</b>	Auto Exposure (AE) metering (center-weighted)
<b>Viewfinder</b>	Zooming optical
<b>Shooting Mode</b>	Still (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	EV compensation, image quality, white balance, ISO speed, fast mode; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal
<b>LCD Display</b>	1.8-in (4.57 cm) LCD display; 557 x 234 = 130338 pixels (diagonal display size)
<b>Video Length, Max</b>	Limited to the size of the memory card
<b>Sound Capture</b>	Yes, maximum length is limited to available memory
<b>Picture Mode</b>	Auto (default), action, landscape, portrait, beach, snow, macro, fast shot
<b>Connectivity, Std</b>	USB
<b>Connectivity, Opt</b>	Dock
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer or all-in-one)
<b>Dimensions (W x D x H)</b>	4.3 x 1.46 x 2.09 in (without lens extended)
<b>Weight</b>	4.16 oz

### HP Photosmart M417



## Supplies and accessories

### Other

- HP Photosmart M-Series Dock C8907A
- Black Sport Case Q6216A
- M-Series Quick Charge Kit L1815A
- HP 3.3V AC Adapter C8912B
- Secure Digital (SD) Memory Card:
  - 64 MB L1872A
  - 128 MB L1873A
  - 256 MB L1874A
  - 512 MB L1875A
  - 1 GB L1876A

# HP Photosmart M517 Digital Camera

Take exceptional photos at 5.2 MP and 24x total zoom, then preview on a 2-inch image display.

## Product pointers

- Take exceptional photos at 5.2 MP resolution for beautiful 4 × 6-inch prints and enlargements up to poster size. Snap distance shots at 24x total zoom—HP Precision 3x optical lens, 8x digital. HP Real Life technologies make it easy to take great photos
- Frame and view photos on a bright, 2-inch image display. An easy to use design features a unique grip for one-handed shots and an intuitive button layout. Easily store dozens of photos using 32 MB internal memory and an optional SD/MMC card (not included, please purchase separately).
- Decide how to share photos as you take them—automatically e-mail without attachments or print using HP Instant Share. Edit, organize and print photos using included software. Easily transfer photos and more using an optional dock (not included, please purchase separately). Or, print PC-free.
- Power your camera with included rechargeable batteries and AC adapter, or use disposable batteries. Shoot video or a series of photos in burst mode. Store photos using 32 MB internal memory, or easily transfer photos using an optional memory card (not included, please purchase separately).

## Ordering information

<b>Model Number</b>	<b>M517</b>
<b>Commercial</b>	L1901A (ABA)/L1903A <sup>1</sup> (A2L)
<b>Retail</b>	L1901A (ABA)
<b>Canada</b>	L1901A (A2L)

<sup>1</sup>Bundle option (L1903A) includes camera (L1901A) and dock (C8907A).

## Compatibility

<b>Operating System</b>	<b>M517</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Photosmart M517

## In the box

- 2 AA NiMH rechargeable batteries
- 3.3V AC adapter
- 2 USB cables (1 camera to PC, 1 camera to printer)
- Dock insert (for use with camera dock)
- User's manual
- Wrist strap
- Software CD-ROM
- Spanish manual and software CD-ROM

## Software

- HP Image Zone with HP Instant Share
- American Greetings Create & Print Greeting Cards (Windows only)

## Shipping weight and shipping dimensions

- M517 1.75 lb 11.3 × 2.2 × 7.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8226A/E
3 years	U4794A/E
- Next Day Exchange with Accidental Damage Protection:
 

2 years	U8236A/E
3 years	U8237A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1882ENUC

### Service

- [www.hp.com/cposupport](http://www.hp.com/cposupport)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

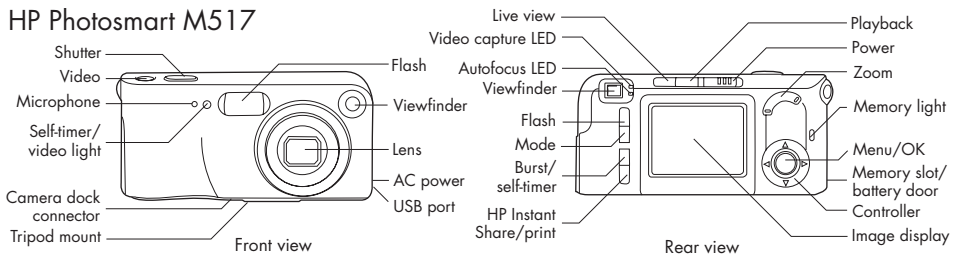
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- See page 16 for complete specifications and comparisons to other HP Photosmart Digital Cameras.

M517	
<b>Product Number</b>	L1901A
<b>Resolution</b>	5.2 megapixels
<b>Exposure Rating</b>	Auto (default), 100, 200, 400
<b>Shutter Speed</b>	2 to 1/2000 sec
<b>Lens System</b>	HP Precision Lens; 24x total zoom; 3x optical zoom; 8x digital zoom; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.9 to f4.9 (wide); f4.8 to f8 (telephoto)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	32 MB internal
<b>Power Supply</b>	2 NiMH rechargeable batteries (included), 3.3V AC adapter (included); optional AA alkaline batteries or photo-lithium batteries
<b>Focus</b>	Normal (default), macro
<b>Flash</b>	Auto (default), auto with red-eye reduction, flash off, flash on, night
<b>Image Control Functions</b>	Date and time imprinting
<b>Zoom</b>	24x (3x optical, 8x digital)
<b>Exposure Control</b>	Auto Exposure (AE) metering (center-weighted)
<b>Viewfinder</b>	Zooming optical
<b>Shooting Mode</b>	Still (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	EV compensation, image quality, white balance, ISO speed, fast mode, AE metering, color, saturation, sharpness, contrast, AE bracketing; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal
<b>LCD Display</b>	2.0-in (5.08 cm) LCD display; 557 x 234 = 130338 pixels (diagonal display size)
<b>Video Length, Max</b>	Limited to the size of the memory card or internal memory
<b>Sound Capture</b>	Yes, maximum length is limited to available memory
<b>Picture Mode</b>	Auto (default), macro, fast shot, action, portrait, landscape, beach, snow
<b>Connectivity, Std</b>	USB
<b>Connectivity, Opt</b>	Dock
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer)
<b>Dimensions (W x D x H)</b>	4.3 x 1.46 x 2.09 in (without lens extended)
<b>Weight</b>	5.12 oz (without batteries), 6.08 oz (with batteries)

## HP Photosmart M517



## Supplies and accessories

### Other

- HP Photosmart M-Series Dock C8907A
- M-Series Quick Charge Kit L1815A
- HP 3.3V AC Adapter C8912B
- Black Sport Case Q6216A
- Secure Digital (SD) Memory Card:
  - 64 MB L1872A
  - 128 MB L1873A
  - 256 MB L1874A
  - 512 MB L1875A
  - 1 GB L1876A

# HP Photosmart R717 Digital Camera

Take superior photos at 6.2 MP and 3x optical, 8x digital zoom using HP Real Life technologies.

## Product pointers

- Take superior photos at 6.2 MP and 24x total zoom—HP Precision 3x optical lens, 8x digital—that make brilliant prints and enlargements.
- Take brilliant digital photos with easy to use HP Real Life technologies. Enable the camera to automatically brighten dark areas normally lost in shadows, remove red-eye, preview panorama shots and give photo-taking tips.
- This stylish camera—small enough to fit in a pocket—features a durable, stainless steel front. A unique grip steadies the camera for quick, one-handed shots. Easily view photos and menus both indoors and out on a bright, 1.8-inch LCD.
- Use 12 shooting modes—including a customizable mode—to get the best results in a variety of conditions. Power using either an included rechargeable battery or a disposable battery. Get sharp focus automatically, and add creative touches with manual controls.
- Automatically e-mail without attachments or print using HP Instant Share. Transfer, print, e-mail photos and more using an optional dock. Edit, organize, print and share photos easily using included HP Image Zone software, or print computer-free.

## Ordering information

<b>Model Number</b>	<b>R717</b>
<b>Commercial</b>	L2038A (ABA)/L2840A <sup>1</sup> (A2L)
<b>Retail</b>	L2038A (ABA)
<b>Canada</b>	L2038A (A2L)

<sup>1</sup>Bundle option (L2804A) includes camera (L2838A) and dock (C8887A).

## Compatibility

<b>Operating System</b>	<b>R717</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Photosmart R717

## In the box

- Rechargeable lithium-ion battery
- User's manual
- Wrist strap
- Warranty and regulatory flyer
- USB mini-A cable
- 3.3V AC adapter
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share
- American Greetings Create & Print Greeting Cards (Windows only)

## Shipping weight and shipping dimensions

- R717 1.8 lb 11.34 x 2.17 x 7.68 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8226A/E
3 years	U4794A/E
- Next Day Exchange with Accidental Damage Protection:
 

2 years	U8236A/E
3 years	U8237A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0233ENUC

### Service

- [www.hp.com/cposupport](http://www.hp.com/cposupport)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

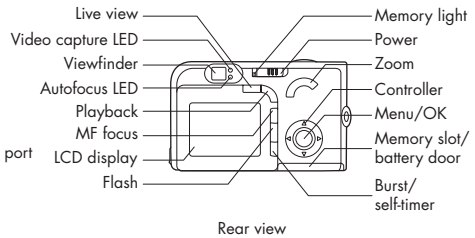
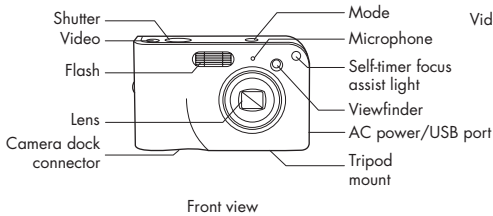
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- See page 16 for complete specifications and comparisons to other HP Photosmart Digital Cameras.

R717	
<b>Product Number</b>	<b>L2038A</b>
<b>Resolution</b>	6.2 megapixels
<b>Exposure Rating</b>	Auto (default), ISO 50, 100, 200, 400
<b>Shutter Speed</b>	1/6 to 1/2000 sec
<b>Lens System</b>	HP Precision Lens; 24x total zoom; 3x optical zoom; 8x digital zoom; 8 to 24 mm focal length; approximately 39 to 117 mm (3.5 mm equivalent); f2.8 to f4.8 m (wide); f4.9 to f8.4 m (telephoto)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	32 MB internal
<b>Power Supply</b>	1 lithium-ion battery (included), 3.3V AC adapter (included); optional dock
<b>Focus</b>	Normal (default), macro, infinity, manual
<b>Flash</b>	Auto (default), auto with red-eye, flash on without red-eye, flash off, night with red-eye
<b>Image Control Functions</b>	Date and time imprinting
<b>Zoom</b>	24x (3x optical, 8x digital)
<b>Exposure Control</b>	AE metering (center-weighted, spot, average)
<b>Viewfinder</b>	Optical view finder
<b>Shooting Mode</b>	Normal (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	EV compensation, image quality, white balance, ISO speed, AE metering, color, saturation, sharpness, contrast, AE bracketing; HP Real Life technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal, HP In-Camera Panorama Preview, HP Image Advice, HP Noise Filter, HP Adaptive Demosaic, HP Vignetting, HP Preferred Photo Reproduction
<b>LCD Display</b>	1.8-in Color Active Matrix TFT with Backlight; 558 x 234 = 130572 pixels
<b>Video Length, Max</b>	Limited to available memory
<b>Sound Capture</b>	Yes, up to 60 secs (audio with still shot), audio with video capture is limited to available memory
<b>Picture Mode</b>	Auto (default), my mode, action, landscape, portrait, beach, snow, sunset, aperture priority, panorama, document, museum
<b>Connectivity, Std</b>	USB
<b>Connectivity, Opt</b>	Dock
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer or all-in-one)
<b>Dimensions (W x D x H)</b>	3.74 x 1.34 x 2.32 in
<b>Weight</b>	6.40 oz (without battery), 8.00 oz (with battery)

### HP Photosmart R717



## Supplies and accessories

### Other

- HP Photosmart R-Series Dock C8887A
- HP 3.3V AC Adapter C8912B
- HP Quick Recharge Kit L1810A
- HP Premium Camera Case L1811A
- HP Rechargeable Lithium-Ion Battery L1812A
- Black Sport Case Q6216A
- HP Photosmart All-Weather Case Q6215A
- Secure Digital (SD) Memory Card:
  - 64 MB L1872A
  - 128 MB L1873A
  - 256 MB L1874A
  - 512 MB L1875A
  - 1 GB L1876A



# HP Photosmart R817 Digital Camera

Get 5x optical zoom and HP-exclusive technology packed into a stylishly small, 5 MP camera.

## Product pointers

- Get crisp distance shots at 5x optical zoom (175 mm equivalent) and get 60 percent closer than 3x cameras. Take exceptional photos at 5 MP resolution that make beautiful enlargements. E-mail photos, without attachments, using HP Instant Share.
- Slip this stylishly small camera into your pocket. Its durable, stainless-steel body is ultra-compact. Frame and view photos on a bright, 2-inch image display. Easily connect to a PC and recharge included lithium-ion batteries using a matching cradle.
- Take brilliant digital photos with easy to use HP Real Life technologies. Eliminate red-eye, get photo-taking tips and bring out details normally lost in shadows. Preview, stitch and save panorama photos, and print still frames from video clips.
- Get the best photos using 15 optimized shooting modes, including action, beach, sunset and more. Photos are sharp and clear with multi-zone focus. Add creative touches with manual controls and customize settings. Print photos with or without a PC.

## Ordering information

<b>Model Number</b>	<b>R817</b>
<b>Commercial</b>	L2031A (ABA)/L2033A <sup>1</sup> (A2L)
<b>Retail</b>	L2031A (ABA)
<b>Canada</b>	L2031A (A2L)

<sup>1</sup> Bundle option (L2033A) includes camera (L2031A) and dock (C8887A).

## Compatibility

<b>Operating System</b>	<b>R817</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Photosmart R817

## In the box

- Rechargeable battery
- 3.3V AC adapter
- USB cable (cradle to PC)
- Cradle
- Dock insert (for use with camera dock)
- Quick start guide
- User's manual
- Wrist strap
- Warranty poster
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share
- American Greetings Create & Print Greeting Cards (Windows only)

## Shipping weight and shipping dimensions

- R817 1.89 lb 11.34 x 4.33 x 7.68 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8226A/E
3 years	U4794A/E
- Next Day Exchange with Accidental Damage Protection:
 

2 years	U8236A/E
3 years	U8237A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1738ENUC

### Service

- [www.hp.com/cposupport](http://www.hp.com/cposupport)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

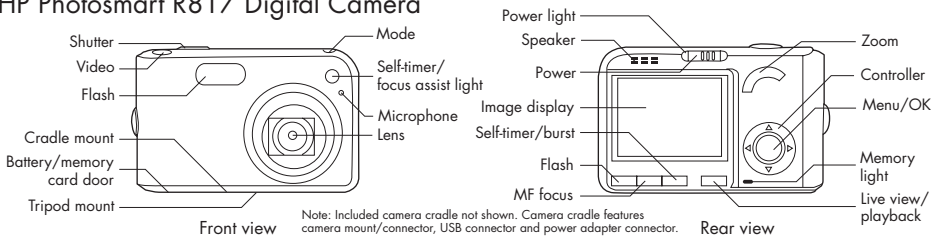
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

• See page 17 for complete specifications.

R817	
<b>Product Number</b>	L2031A
<b>Resolution</b>	5.1 megapixels
<b>Exposure Rating</b>	Auto (default), ISO 50, 100, 200, 400
<b>Shutter Speed</b>	1/6 to 1/2000 sec
<b>Lens System</b>	Pentax Lens; 40x total zoom (5x optical, 8x digital), 5.8 to 29 mm focal length, approximately 36 to 180 mm (35 mm equivalent), f2.8 to f8 m [wide], f4.7 to f7.6 m (telephoto)
<b>Memory Card Compatibility</b>	Secure Digital (SD), MultiMediaCard (MMC)
<b>Memory, Std</b>	32 MB internal
<b>Power Supply</b>	1 lithium-ion rechargeable battery (included), AC adapter with cradle (included); optional dock
<b>Focus</b>	Normal, macro, super macro, infinity, manual focus
<b>Flash</b>	Auto (default), on, off, red-eye reduction (auto/night)
<b>Image Control Functions</b>	Off, date only, date and time
<b>Zoom</b>	40x (5x optical, 8x digital)
<b>Exposure Control</b>	Auto (default), aperture priority, shutter priority, full manual, AE metering center weighted (default), spot auto exposure metering (AE), average auto exposure metering (AE)
<b>Viewfinder</b>	None
<b>Shooting Mode</b>	Still (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	Manual control: EV compensation, image quality, video quality, white balance, auto focus area, ISO speed, AE metering, color, saturation, sharpness, contrast, AE bracketing, color bracketing; HP Real Life technologies including: HP Adaptive Lighting and Adaptive Lighting Bracketing, HP In-Camera Red-Eye Removal, HP In-Camera Panorama Preview and Stitching, HP Image Advice, HP Noise Filter, HP Adaptive Demosaic, HP Vignetting, HP Preferred Photo Reproduction
<b>LCD Display</b>	2.0-in (5.08 cm) LCD display; 640 x 240 = 153600 pixels (diagonal display size)
<b>Video Length, Max</b>	Limited to the size of the memory card or internal memory
<b>Sound Capture</b>	Yes, up to 60 secs (audio with still shot), audio with video capture is limited to the size of the memory card or internal memory
<b>Picture Mode</b>	Auto, action, landscape, portrait, beach, snow, sunset, aperture priority, shutter priority, panorama right, panorama left, document, manual mode, my mode, theatre
<b>Connectivity, Std</b>	Cradle, USB (standard B cable)
<b>Connectivity, Opt</b>	Dock (C8887A) with USB Mini AB connector, DC input connector, A/V connector
<b>Direct Printing Capability</b>	Yes (to any PictBridge-enabled printer or all-in-one; does not apply to stitched panorama images or video)
<b>Dimensions (W x D x H)</b>	3.58 x 1.17 x 2.24 in (without lens extended)
<b>Weight</b>	5.76 oz (without batteries), 6.72 oz (with batteries)

## HP Photosmart R817 Digital Camera



## Supplies and accessories

### Other

- HP Photosmart R-Series Dock C8887A
- HP 3.3V AC Adapter C8912B
- HP Quick Recharge Kit L1810A
- Black Sport Case Q6216A
- Silver Sport Case Q6217A
- Camera Case Q6213A
- Scuba/Underwater Case Q6218A
- Weather-Resistant Jacket Q6215A
- Secure Digital (SD) Memory Card:
  - 64 MB L1872A
  - 128 MB L1873A
  - 256 MB L1874A
  - 512 MB L1875A
  - 1 GB L1876A

# HP Photosmart Printer Specifications



**8050  
Q6351A**

**8250  
Q3470A**

<b>Print Speed Black, Letter:<sup>1</sup> Draft Quality</b>	Up to 21 ppm (with included print cartridges), up to 30 ppm (with optional black cartridge)	Up to 32 ppm
<b>Normal Quality Best Quality</b>	Up to 10 ppm Up to 2.5 ppm	Up to 7.8 ppm Up to 2.1 ppm
<b>Print Speed Color, Letter:<sup>1</sup> Draft Quality</b>	Up to 21 ppm (with included print cartridges), up to 24 ppm (with optional black cartridge)	Up to 31 ppm
<b>Normal Quality Best Quality</b>	Up to 6 ppm Up to 2.5 ppm	Up to 5.7 ppm Up to 2.1 ppm
<b>Print Speed Color, 4 × 6 in:<sup>1</sup> Draft Quality</b>	As fast as 27 secs	As fast as 14 secs
<b>Normal Quality</b>	As fast as 45 secs	Not available
<b>Best Quality</b>	As fast as 70 secs	Not available
<b>Duty Cycle, Monthly</b>	Up to 3,000 pages	Up to 3,000 pages
<b>Paper Trays, Std</b>	2	2
<b>Paper Trays, Max</b>	2	2
<b>Input Capacity, Std</b>	100 sheets	100 sheets, 20 sheets in photo tray
<b>Input Capacity, Max</b>	100 sheets	100 sheets, 20 sheets in photo tray
<b>Output Capacity, Std</b>	50 sheets	50 sheets
<b>Envelope Input, Std</b>	10	10
<b>Two-Sided Printing</b>	Automatic (optional)	Automatic (optional)
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), index cards, 5 × 7-in photo, 4 × 6-in photo, 4 × 12-in panorama, 4 × 24-in panorama	Letter, legal, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, envelopes (No. 10)
<b>Media Sizes, Custom</b>	3 × 5 to 8.5 × 24 in	3 × 4 in to 8.5 × 24 in, tray 1; 3.5 × 5 in to 4.1 × 6.5 in, tray 2
<b>Media Weights</b>	Letter: 16 to 24 lb; legal: 20 to 24 lb; envelopes: 20 to 24 lb; cards: up to 110 lb index maximum; photo paper: up to 130 lb index	16 to 24 lb bond (up to 110 lb index), tray 1; up to 110 lb index, tray 2
<b>Borderless Printing Capability</b>	Yes, up to 8.5 × 24 in	Yes, up to 8.5 × 24 in
<b>Memory, Std</b>	32 MB	64 MB
<b>Memory, Max</b>	32 MB	64 MB
<b>Memory Card Compatibility</b>	Secure Digital/MultiMediaCard, CompactFlash, Memory Stick, xD-Picture Card, IBM Microdrive, Memory Stick Duo (with adapter; not included, purchase separately), Mini SD (with adapter; not included, purchase separately)	CompactFlash Type I and II, IBM Microdrive, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Secure Digital, Mini SD (with adapter; not included, purchase separately), MultiMediaCard, xD-Picture Card
<b>Connectivity, Std</b>	USB, PictBridge, 4 Memory card slots	USB, PictBridge
<b>Connectivity, Opt</b>	Bluetooth wireless	Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 rendered dpi (when printing from a computer with 1200 input dpi)	Up to 4800 × 1200 optimized dpi (when printing from a computer with 1200 input dpi)
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (when printing from a computer with 1200 input dpi)	Up to 4800 × 1200 optimized dpi (when printing from a computer with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each tri-color, photo) optional black, gray	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Technology, Color</b>	Not available	Not available
<b>Print Languages, Std</b>	HP PCL3 GUI, PML	HP PCL Level 3 Enhanced
<b>Video Action Printing Supported</b>	Yes	Yes, from supported video types (MPEG-1, AVI, QuickTime)
<b>Display Type</b>	1.8-in color LCD	2.5-in diagonal 480 × 234 TFT with 16 million colors and parallel interface
<b>Dimensions (W × D × H)</b>	18.3 × 9.0 × 6.2 in	17.59 × 15.16 × 6.28 in
<b>Weight</b>	9.3 lb	18.7 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

# HP Photosmart Printer Specifications



8750  
Q5747A

<b>Print Speed Black, Letter:<sup>1</sup></b>	
<b>Draft Quality</b>	Up to 19 ppm
<b>Normal Quality</b>	Up to 3.5 ppm
<b>Best Quality</b>	Up to 0.9 ppm
<b>Print Speed Color, Letter:<sup>1</sup></b>	
<b>Draft Quality</b>	Up to 18 ppm
<b>Normal Quality</b>	Up to 3.5 ppm
<b>Best Quality</b>	Up to 0.9 ppm
<b>Print Speed Color, 4 × 6 in:<sup>1</sup></b>	
<b>Draft Quality</b>	As fast as 29 secs
<b>Normal Quality</b>	As fast as 1.1 min
<b>Best Quality</b>	As fast as 2.2 min
<b>Duty Cycle, Monthly</b>	Up to 1,000 pages
<b>Paper Trays, Std</b>	1 (with bypass print area and rear feed slot)
<b>Paper Trays, Max</b>	1 (with bypass print area and rear feed slot)
<b>Input Capacity, Std</b>	80 sheets
<b>Input Capacity, Max</b>	80 sheets
<b>Output Capacity, Std</b>	80 sheets
<b>Envelope Input, Std</b>	10
<b>Two-Sided Printing</b>	None
<b>Media Types</b>	Paper (plain, inkjet, photo, banner); envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), panorama, index cards, photo (4 × 6 in, 5 × 7 in, 8 × 10 in, 13 × 19 in), banner
<b>Media Sizes, Custom</b>	3 × 5 in to 13 × 19 in
<b>Media Weights</b>	Letter: 16 to 24 lb; legal: 20 to 24 lb; banner: 16 to 24 lb; envelopes: 20 to 24 lb; cards: up to 110 lb index maximum; photo paper: up to 130 lb index
<b>Borderless Printing Capability</b>	Yes, up to 13 × 19 in
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Secure Digital, MultiMediaCard, Memory Stick, xD-Picture Card, USB flash drive
<b>Connectivity, Std</b>	USB 2.0, Ethernet, PictBridge
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 rendered dpi (when printing from a computer with 1200 input dpi)
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (when printing from a computer with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	3 (1 each tri-color, blue photo, gray photo), optional black, photo
<b>Technology, Color</b>	HP PhotoREt Pro
<b>Print Languages, Std</b>	HP PCL 3 GUI
<b>Video Action Printing Supported</b>	No
<b>Display Type</b>	Monochrome, COG, with backlight, 2 lines of text + 2 lines of icons (active area 57.93 × 24.7 mm)
<b>Dimensions (W × D × H)</b>	25.3 × 15.7 × 8.0 in
<b>Weight</b>	26 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.



**335**  
**Q6377A**



**385**  
**Q6387A**

<b>Print Speed Black, Letter:<sup>1</sup></b>		
<b>Draft Quality</b>	Not applicable	Not applicable
<b>Normal Quality</b>	Not applicable	Not applicable
<b>Best Quality</b>	Not applicable	Not applicable
<b>Print Speed Color, Letter:<sup>1</sup></b>		
<b>Draft Quality</b>	Not applicable	Not applicable
<b>Normal Quality</b>	Not applicable	Not applicable
<b>Best Quality</b>	Not applicable	Not applicable
<b>Print Speed Color, 4 × 6 in:<sup>1</sup></b>		
<b>Draft Quality</b>	As fast as 45 secs	As fast as 45 secs
<b>Normal Quality</b>	As fast as 60 secs	As fast as 60 secs
<b>Best Quality</b>	As fast as 95 secs	As fast as 95 secs
<b>Paper Trays, Std</b>	1	1
<b>Paper Trays, Max</b>	1	1
<b>Input Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Input Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Output Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Envelope Input, Std</b>	None	None
<b>Two-Sided Printing</b>	None	None
<b>Media Types</b>	Photo paper, index cards	Photo paper, index cards
<b>Media Sizes, Std</b>	4 × 6 in, 4 × 6.5 in, 4 × 8-in photo card, 4 × 12-in panorama	4 × 6 in, 4 × 6.5 in, 4 × 8-in photo card, 4 × 12-in panorama
<b>Media Sizes, Custom</b>	None	None
<b>Media Weights</b>	Up to 110 lb index	Up to 110 lb index
<b>Borderless Printing Capability</b>	Yes, 4 × 6 in, 4 × 8-in photo cards, 4 × 12-in panorama	Yes, 4 × 6 in, 4 × 8-in photo cards, 4 × 12-in panorama
<b>Memory, Std</b>	32 MB	32 MB
<b>Memory, Max</b>	32 MB	32 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Magic Gate, Memory Stick Pro, SmartMedia, Secure Digital, MultiMediaCard, Memory Stick, xD-Picture Card	CompactFlash Type I and II, Magic Gate, Memory Stick Pro, SmartMedia, Secure Digital, MultiMediaCard, Memory Stick, xD-Picture Card
<b>Connectivity, Std</b>	USB, PictBridge, 4 memory card slots	USB, PictBridge, 4 memory card slots
<b>Connectivity, Opt</b>	Bluetooth wireless	Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 dpi	Up to 1200 × 1200 dpi
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	1 (tri-color), optional gray photo	1 (tri-color), optional gray photo
<b>Technology, Color</b>	HP PhotoREt III	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3 GUI, PML	HP PCL 3 GUI, PML
<b>Video Action Printing Supported</b>	Yes	Yes
<b>Display Type</b>	1.5-in diagonal LCD	2.5-in diagonal LCD (adjustable)
<b>Dimensions (W × D × H)</b>	8.7 × 4.6 × 4.6 in	8.7 × 4.6 × 4.5 in
<b>Weight</b>	2.59 lb	2.6 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

# HP Photosmart Printer Specifications



425  
Q7070A

<b>Print Speed Color, 4 × 6 in:<sup>1</sup></b>	
<b>Draft Quality</b>	As fast as 45 secs (with border, PC connect)
<b>Normal Quality</b>	As fast as 55 secs (with border, PC connect)
<b>Best Quality</b>	As fast as 117 secs (borderless), 92 sec (with border)
<b>Input Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Output Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Media Types</b>	Photo paper, cards
<b>Media Sizes, Std</b>	4 × 6 in, 4 × 6.5 in, 4 × 8-in photo card, 4 × 12-in panorama
<b>Media Weights</b>	16 to 24 lb, up to 110 lb index
<b>Borderless Printing Capability</b>	Yes, 4 × 6 in, 4 × 8-in photo cards, 4 × 12-in panorama
<b>Direct Printing Capability</b>	Yes, up to 4 × 12 in
<b>Memory, Std</b>	16 MB internal
<b>Memory Card Compatibility</b>	SecureDigital (SD), MultiMediaCard (MMC)
<b>Connectivity, Std</b>	USB cable (Mini-B to A), Infrared, AV cable; External I/O ports: USB (device), USB (host), TV out, camera dock
<b>Connectivity, Opt</b>	Bluetooth Wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200
<b>Print Quality, Color Best</b>	4800 × 1200 dpi
<b>Print Technology</b>	HP Thermal Inkjet
<b>Video Action Printing Supported</b>	Yes, from selected HP Photosmart cameras (through HP Image Zone software)
<b>Display Type</b>	1.8-in diagonal display size LCD; 557 × 234 = 130338 dots
<b>Resolution</b>	5.2 megapixels
<b>Exposure Rating</b>	Auto, 100, 200
<b>Shutter Speed</b>	2 to 1/2000 sec
<b>Lens System</b>	HP Precision optical lens; 21× total zoom; 3× optical; 7× digital; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.8 to f4.9 (wide); f4.8 to f8.0 (telephoto)
<b>Power Supply</b>	2 AA photo lithium or NiMH batteries or HP Photosmart 3.3 V AC
<b>Focus</b>	Normal (default), macro
<b>Flash</b>	Auto (default), on, off, red-eye
<b>Zoom</b>	21× (3× optical, 7× digital)
<b>Exposure Control</b>	Center weighted auto exposure metering
<b>Viewfinder</b>	Zooming optical
<b>Shooting Mode</b>	Still (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	EV Compensation, image quality, white balance, ISO speed, fast mode; HP Real Life Technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal
<b>Video Length, Max</b>	Limited to the size of the memory card or internal limited to the size of the memory card or internal memory
<b>Sound Capture</b>	Yes, limited by available memory
<b>Picture Mode</b>	Auto (default), action, fast shot, landscape, macro, portrait
<b>Dimensions (W × D × H)</b>	Camera: 4.2 × 2.1 × 1.4 in; Bundle: 8.9 × 9.3 × 6.4 in
<b>Weight</b>	Camera: 5.3 oz without batteries, 6.2 oz with batteries; Bundle: 2.8 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.



475  
Q7011A

<b>Print Speed Black, Letter:<sup>1</sup></b>	
<b>Draft Quality</b>	Not applicable
<b>Normal Quality</b>	Not applicable
<b>Best Quality</b>	Not applicable
<b>Print Speed Color, Letter:<sup>1</sup></b>	
<b>Draft Quality</b>	Not applicable
<b>Normal Quality</b>	Not applicable
<b>Best Quality</b>	Not applicable
<b>Print Speed Color, 4 × 6 in:<sup>1</sup></b>	
<b>Draft Quality</b>	As fast as 45 secs
<b>Normal Quality</b>	As fast as 60 secs
<b>Best Quality</b>	As fast as 95 secs
<b>Duty Cycle, Monthly</b>	Not applicable
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Input Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Output Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Envelope Input, Std</b>	None
<b>Media Types</b>	Photo paper, cards
<b>Media Sizes, Std</b>	4 × 6 in, 4 × 8 in, 5 × 7 in, 4 × 12-in panorama
<b>Media Sizes, Custom</b>	None
<b>Media Weights</b>	Up to 110 lb index
<b>Borderless Printing Capability</b>	Yes, up to 4 × 12 in
<b>Two-Sided Printing</b>	None
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Memory Stick, Magic Gate, Memory Stick Duo (with adapter; not included, purchase separately), Memory Stick Pro, Secure Digital, Mini SD (with adapter; not included, purchase separately), MultiMediaCard, xD-Picture Card
<b>Connectivity, Std</b>	USB, PictBridge, memory card slots
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 dpi
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	1 (tri-color), optional gray photo
<b>Technology, Color</b>	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3 GUI, PML
<b>Video Action Printing Supported</b>	Yes, from selected HP Photosmart cameras
<b>Display Type</b>	2.5-in color LCD (adjustable)
<b>Dimensions (W × D × H)</b>	9.8 × 4.5 × 4.8 in
<b>Weight</b>	3.3 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.



**New!**

# HP Photosmart 8050 Printer

Versatile HP 6-ink printer to easily print photos from memory cards using 1.8-inch color display.

Replaces **HP Photosmart 7760 (p/n Q3015A)**.

## Product pointers

- Print true to life photos in 6-ink color or black and white at home using HP Viverna Inks. Print 4 × 6-inch photos for as little as 24 cents in as fast as 27 seconds. Remove red eye and brighten photos with HP Real Life Technologies.
- Easy photo printing with or without a computer. View, crop and remove red eye using large 1.8-inch color display and intuitive one-touch buttons. Print from PictBridge-enabled cameras or most memory cards and wirelessly from camera phones.
- Greater printing versatility in your home—print beautiful photos plus crisp documents, brochures with colorful graphics and more. Auto paper-type sensor optimizes print quality on various papers. Use convenient small paper tray for 4 × 6-inch photo printing.
- Print long lasting, true to life color prints with the look and feel of traditional photos. Your photographs will resist fading for decades.

## Ordering information

<b>Model Number</b>	<b>8050</b>
<b>Commercial</b>	Q6351A (ABA)
<b>Retail</b>	Q6351A (ABA)
<b>Canada</b>	Q6354A (A2L)

## Compatibility

<b>Operating System</b>	<b>8050</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS <sup>1</sup>	•

<sup>1</sup>Mac OS X v 10.2, 10.3, 10.4



HP Photosmart 8050

## In the box

- Tri-color inkjet cartridge (7 ml)
- Photo ink cartridge (13 ml)
- Software CD-ROM
- Quick Start Booklet
- User's guide
- Power supply
- Power cord

## Software

- HP Image Zone with Instant Share

## Shipping weight and shipping dimensions

- 8050      13.2 lb      20.8 × 7.75 × 13 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years      U8227A/E  
3 years      U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2522ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

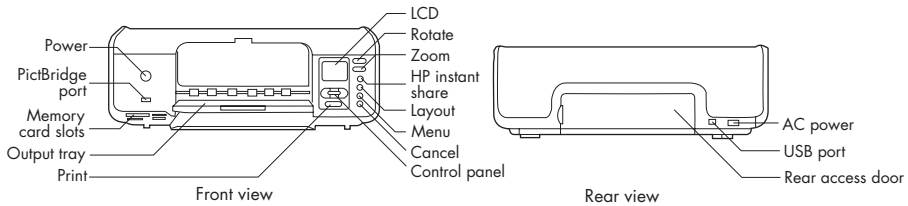
## Model specifications and schematic

• See page 29 for complete specifications and comparisons to other HP Photosmart Printers.

<b>Model Number</b>	<b>8050</b>
<b>Product Number</b>	<b>Q6351A</b>
<b>Print Speed Black, Letter:<sup>1</sup></b>	
Draft Quality	Up to 21 ppm (with included print cartridges), up to 30 ppm (with optional black cartridge)
Normal Quality	Up to 10 ppm
Best Quality	Up to 2.5 ppm
<b>Print Speed Color, Letter:<sup>1</sup></b>	
Draft Quality	Up to 21 ppm (with included print cartridges), up to 24 ppm (with optional black cartridge)
Normal Quality	Up to 6 ppm
Best Quality	Up to 2.5 ppm
<b>Print Speed Color, 4 × 6 in.<sup>1</sup></b>	
Draft Quality	As fast as 27 secs
Normal Quality	As fast as 45 secs
Best Quality	As fast as 70 secs
<b>Duty Cycle, Monthly</b>	Up to 3,000 pages
<b>Paper Trays, Std</b>	2
<b>Paper Trays, Max</b>	2
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Envelope Input, Std</b>	10
<b>Two-Sided Printing</b>	Automatic (optional)
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), index cards, 5 × 7-in photo, 4 × 6-in photo, 4 × 12-in panorama, 4 × 24-in panorama
<b>Media Sizes, Custom</b>	3 × 5 to 8.5 × 24 in
<b>Media Weights</b>	Letter: 16 to 24 lb; legal: 20 to 24 lb; envelopes: 20 to 24 lb; cards: up to 110 lb index maximum; photo paper: up to 130 lb index
<b>Borderless Printing Capability</b>	Yes, up to 8.5 × 24 in
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	32 MB
<b>Memory Card Compatibility</b>	Secure Digital/MultiMediaCard, CompactFlash, Memory Stick, xD-Picture Card, IBM Microdrive, Memory Stick Duo (with adapter; not included, purchase separately), Mini SD (with adapter; not included, purchase separately)
<b>Connectivity, Std</b>	USB, PictBridge, 4 Memory card slots
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (when printing from a computer with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each tri-color, photo) optional black, gray
<b>Print Languages, Std</b>	HP PCL3 GUI, PML
<b>Video Action Printing Supported</b>	Yes
<b>Display Type</b>	1.8-in color LCD

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

## HP Photosmart 8050



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AAA-0791ENUC).

### Ink

- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 96 Large Black Inkjet Print Cartridge C8767WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 98 Black Inkjet Print Cartridge C9364WN
- HP 99 Photo Inkjet Print Cartridge C9369WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368WN

### Media

- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (60 sheets) Q5431A
- HP Premium Photo Paper, glossy, letter (50 Sheets) C6979A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets) Q1990A

### Cables

- USB Cable, A-B, 2-Meter C6518A

### Other

- bt450, Bluetooth Wireless Printer and PC Adapter Q6398A

# HP Photosmart 8250 Printer

World's fastest photo printer<sup>1</sup>—print beautiful 4 x 6-inch photos as fast as 14 seconds and documents up to 32 ppm black and up to 31 ppm color. Quickly access photos from a memory card or PictBridge camera without a PC.

## Product pointers

- Blazing speeds—print 4 x 6-inch photos in as fast as 14 seconds and documents up to 32 ppm black and up to 31 ppm color. Quickly access photos from a memory card or PictBridge camera without a PC.
- Print true to life photo quality in 6-ink color or up to 4800-optimized dpi (when printing from a computer and 1200 input dpi). With new HP Viverna Inks, print realistic photos that resist fading for years<sup>2</sup> and laser-quality text documents that retain clarity for decades<sup>3</sup>, all from one printer.
- Print everything from photos to high-volume projects more economically. Six individual ink cartridges prevent running out of ink in the middle of a photo or page by letting you easily replace only the inks you need, when you need them.
- Print photos and video clips without a PC from compatible memory cards using display and buttons. Print photos directly from PictBridge cameras using USB port, or from camera phone wirelessly via optional Bluetooth or using the camera phone's card<sup>4</sup>.
- Easily preview, select, crop, remove red-eye and more using 2.5-inch flip-up display and convenient one-touch buttons to print and share your favorite photos. Enhance, retouch or add special effects using your PC and included editing software.

<sup>1</sup> Speed comparisons in default and fastest mode based upon HP internal testing of comparable consumer photo printing products available as of April 2005.

<sup>2</sup> Based on HP Image Permanence Lab light-fade testing under glass on HP Premium Plus Photo Papers; confirmation test in progress by Wilhelm-Research.com.

<sup>3</sup> Based on paper industry predictions for acid-free papers; colorant stability data at room temperature based on similar systems tested as per ISO 11798 and ISO 18909.

<sup>4</sup> Wireless printing only supported on Windows XP and requires HP bt300 Bluetooth Wireless Printer Adapter, not included, purchase separately; printer supports Memory Stick Duo (with adapter, purchase separately), Mini SD (with adapter, purchase separately).

## Ordering information

Model Number	8250
Commercial	Q3470A (ABA)
Retail	Q3470A (ABA)
Canada	Q3474A (A2L)

## Compatibility

Operating System	8250
Standard Desktop	
Windows 98	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2, 10.3, 10.4	•



HP Photosmart 8250

## In the box

- Black print cartridge (16 ml)
- Color print cartridges [1 each cyan, magenta, yellow, light cyan, light magenta (4.5 ml)]
- Power supply
- Power cord
- Photo media sampler
- User's guide
- Quick Start Booklet
- Registration card
- Software CD-ROM

## Software

- HP Photo & Imaging with HP Share-to-Web

## Shipping weight and shipping dimensions

- 8250 23.1 lb 20.94 x 9.17 x 18.35 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8227A/E
  - 3 years U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2037ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

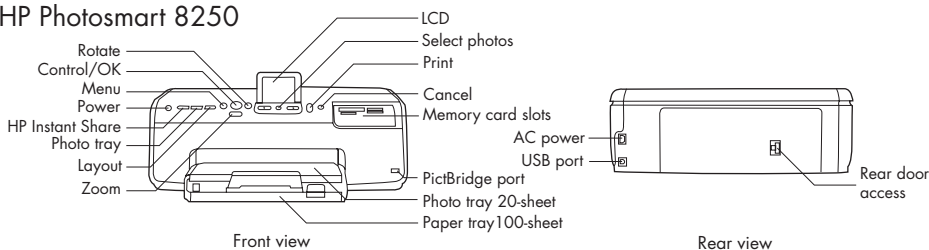
## Model specifications and schematic

• See page 29 for complete specifications and comparisons to other HP Photosmart Printers.

8250	
<b>Product Number</b>	<b>Q3470A</b>
<b>Print Speed Black, Letter:<sup>1</sup></b>	
Draft Quality	Up to 32 ppm
Normal Quality	Up to 7.8 ppm
Best Quality	Up to 2.1 ppm
<b>Print Speed Color, Letter:<sup>1</sup></b>	
Draft Quality	Up to 31 ppm
Normal Quality	Up to 5.7 ppm
Best Quality	Up to 2.1 ppm
<b>Print Speed Color, 4 × 6 in:<sup>1</sup></b>	
Draft Quality	As fast as 14 secs
Normal Quality	Not available
Best Quality	Not available
<b>Duty Cycle, Monthly</b>	Up to 3,000 pages
<b>Paper Trays, Std</b>	2
<b>Paper Trays, Max</b>	2
<b>Input Capacity, Std</b>	100 sheets, 20 sheets in photo tray
<b>Input Capacity, Max</b>	100 sheets, 20 sheets in photo tray
<b>Envelope Input, Std</b>	10
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, envelopes (No. 10)
<b>Media Sizes, Custom</b>	3 × 4 in to 8.5 × 24 in, tray 1; 3.5 × 5 in to 4.1 × 6.5 in, tray 2
<b>Media Weights</b>	16 to 24 lb bond (up to 110 lb index), tray 1; up to 110 lb index, tray 2
<b>Borderless Printing Capability</b>	Yes, up to 8.5 × 24 in
<b>Two-Sided Printing</b>	Automatic (optional)
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, IBM Microdrive, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Secure Digital, Mini SD (with adapter; not included, purchase separately), MultiMediaCard, xD-Picture Card
<b>Connectivity, Std</b>	USB, PictBridge
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (when printing from a computer with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Languages, Std</b>	HP PCL Level 3 Enhanced
<b>Video Action Printing Supported</b>	Yes, from supported video types (MPEG-1, AVI, QuickTime)
<b>Display Type</b>	2.5-in diagonal 480 × 234 TFT with 16 million colors and parallel interface

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

## HP Photosmart 8250



## Supplies and accessories

See pages 314-317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791 ENUC).

### Ink

• HP 02 Black Ink Cartridge	C8721WN
• HP 02 Cyan Ink Cartridge	C8771WN
• HP 02 Magenta Ink Cartridge	C8772WN
• HP 02 Yellow Ink Cartridge	C8773WN
• HP 02 Light Cyan Ink Cartridge	C8774WN
• HP 02 Light Magenta Ink Cartridge	C8775WN

### Media

• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A
• HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (60 sheets)	Q1978A
• HP Premium Photo Paper, glossy, letter (15 sheets)	C6039A
• HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets)	Q1989A

### Paper-handling accessories

• Automatic Two-Sided Printing Accessory	Q5582A
<b>Cables</b>	
• USB Cable, AB, 2-Meter	C6518A
<b>Other</b>	
• HP bt300, Bluetooth Wireless Printer Adapter	Q3395A
• HP bt450, Bluetooth Wireless Printer and PC Adapter	Q6398A

# HP Photosmart 8750 Professional Photo Printer

HP 9-ink printer for photographers who want high-quality photos up to 13 x 19 inches to sell or exhibit.



HP Photosmart 8750

## Product pointers

- Print professional, long lasting color and black and white photos with high contrast and accurate skin tones in 9-ink color with HP Viverra Inks. Plus, the extended color gamut includes enhanced blue hues for more realistic skies and landscapes.
- Add greater versatility to photo printing capabilities with features that include convenient multi-size paper trays for fast, professional-quality photos—with or without borders—in sizes from 4 x 6 inches up to 13 x 19-inch wide-format and 8.5 x 24-inch panorama.
- Print long-lasting professional color prints with the look and feel of traditional photos. Photographs will resist fading for over 100 years when displayed under glass and over 200 years when stored in a photo album (estimates based on Wilhelm Imaging Research, Inc.).
- Produce the images that match your vision using HP's 9-ink extended color palette—plus professional color tools that connect seamlessly to Adobe Photoshop applications and support Adobe RGB, sRGB and ICC color management.
- Work more efficiently with convenient network print sharing. Easily link the printer with Macs and PCs using built-in Ethernet. Upload photos directly from memory card slots or from a digital camera via front USB.

## Ordering information

<b>Model Number</b>	<b>8750</b>
<b>Commercial</b>	Q5747A (ABA)
<b>Retail</b>	Q5747A (ABA)
<b>Canada</b>	Q5749A (A2L)

## Compatibility

<b>Operating System</b>	<b>8750</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.1.5, 10.2, 10.3	•
<b>Standard Network</b>	
<b>Other</b>	Microsoft Windows 98, 2000, Me, XP (TCP/IP); Mac OS X and later (EtherTalk)

## In the box

- Tri-color ink cartridge (14 ml)
- Blue photo ink cartridge (13 ml)
- Gray photo ink cartridge (23 ml)
- Power cord
- Power supply
- Quick Start Booklet
- User's guide
- Software CD-ROM
- Media sampler with bag
- Setup poster
- Reference guide
- Network guide

## Software

- HP Image Zone with HP Instant Share

## Shipping weight and shipping dimensions

- 8750 33 lb 28.7 x 19.64 x 11.96 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect wireless: ew2400, 802.11b/g J7951A 380x, 802.11b J6061A
- HP Jetdirect external: 175x, 10/100Base-TX (1-port) J6035D en3700, 10/100Base-TX (1-port) J7942A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange: 2 years U8227A/E 3 years U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0225ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

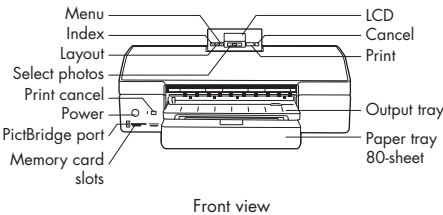
## Model specifications and schematic

- See page 30 for complete specifications.

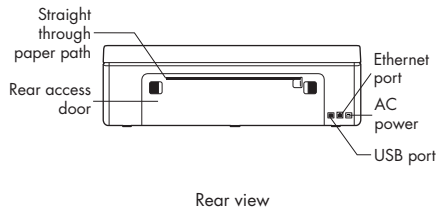
	<b>8750</b>
<b>Product Number</b>	<b>Q5747A</b>
<b>Print Speed Black, Letter:<sup>1</sup></b>	
Draft Quality	Up to 19 ppm
Normal Quality	Up to 3.5 ppm
Best Quality	Up to 0.9 ppm
<b>Print Speed Color, Letter:<sup>1</sup></b>	
Draft Quality	Up to 18 ppm
Normal Quality	Up to 3.5 ppm
Best Quality	Up to 0.9 ppm
<b>Print Speed Color, 4 × 6 in:<sup>1</sup></b>	
Draft Quality	As fast as 29 secs
Normal Quality	As fast as 1.1 mins
Best Quality	As fast as 2.2 mins
<b>Duty Cycle, Monthly</b>	Up to 1,000 pages
<b>Paper Trays, Std</b>	1 (with bypass print area and rear feed slot)
<b>Input Capacity, Std</b>	80 sheets
<b>Output Capacity, Std</b>	80 sheets
<b>Envelope Input, Std</b>	10
<b>Two-Sided Printing</b>	None
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), panorama, index cards, photo (4 × 6 in, 5 × 7 in, 8 × 10 in, 13 × 19 in), banner
<b>Media Sizes, Custom</b>	3 × 5 in to 13 × 19 in
<b>Media Weights</b>	Letter: 16 to 24 lb; legal: 20 to 24 lb; banner: 16 to 24 lb; envelopes: 20 to 24 lb; cards: up to 110 lb index maximum; photo paper: up to 130 lb index
<b>Borderless Printing Capability</b>	Yes, up to 13 × 19 in
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Secure Digital, MultiMediaCard, Memory Stick, xD-Picture Card, USB flash drive
<b>Connectivity, Std</b>	USB 2.0, Ethernet, PictBridge
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 rendered dpi (when printing from a computer with 1200 input dpi)
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (when printing from a computer with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	3 (1 each tri-color, blue photo, gray photo), optional black, photo
<b>Technology, Color</b>	HP PhotoREt Pro
<b>Print Languages, Std</b>	HP PCL 3 GUI
<b>Video Action Printing Supported</b>	No
<b>Display Type</b>	Monochrome, COG, with backlight, 2 lines of text + 2 lines of icons (active area 57.93 × 24.7 mm)

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

## HP Photosmart 8750



Front view



Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 96 Large Black Inkjet Print Cartridge C8767WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 99 Photo Inkjet Print Cartridge C9369WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368AN

- HP 101 Blue Photo Inkjet Print Cartridge C9365AN
- HP 102 Gray Photo Inkjet Print Cartridge, Large C9360AN

### Media

- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (60 sheets) Q1978A

- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets) Q1989A

### Cables

- USB Cable, A-B, 2-Meter C6518A

### Other

- HP bt300, Bluetooth Wireless Printer Adapter Q3395A

# HP Photosmart 335 Compact Photo Printer

The best in portable printing—get 4 × 6-inch photos almost anywhere from a small, light printer.

## Product pointers

- Take this stylish, compact printer with you—it fits in one hand and weighs less than 3 pounds. Print photos almost anywhere using an optional battery (must purchase separately).
- It's easy to get great photos with or without a PC. Print directly from memory cards or PictBridge-enabled cameras, or from camera phones using an optional HP Bluetooth Wireless Printer Adapter<sup>1</sup> or select memory cards<sup>2</sup>. View photos on a 1.5-inch display.
- Print true borderless 4 × 6-inch photos for as little as 24 cents a photo<sup>3</sup>. Get fade-resistant prints with a traditional look and feel. Enhance photos easily—remove red-eye, brighten, sharpen, even choose black and white or color prints.

<sup>1</sup> Visit [www.hp.com/support/bluetooth](http://www.hp.com/support/bluetooth) for a list of compatible devices.

<sup>2</sup> Supports Memory Stick Duo (with adapter) and Mini SD (with adapter); memory cards and adapters not included; please purchase separately.

<sup>3</sup> Actual cost may vary by images printed and other factors.

## Ordering information

Model Number	335
Commercial	Q6377A (ABA)
Retail	Q6377A (ABA)
Canada	Q6381A (A2L)

## Compatibility

Operating System	335
Standard Desktop	
Windows 98	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.1.5, 10.2, 10.3, 10.4	•



HP Photosmart 335

## In the box

- Tri-color ink cartridge (7 ml)
- Power module with cord
- Setup poster
- User's guide
- 4 × 6-inch photo media sampler
- Index card kit
- Registration card
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share
- HP Share-to-Web

## Shipping weight and shipping dimensions

- 335 4.6 lb 11.8 × 7.6 × 9.25 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years U8227A/E  
3 years U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1658ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

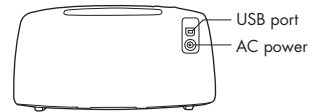
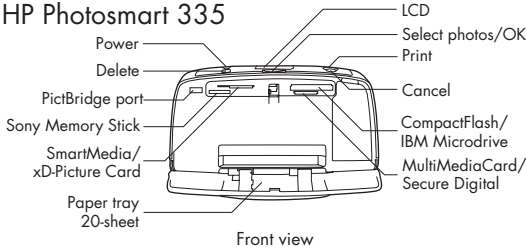
## Model specifications and schematic

• See page 31 for complete specifications and comparisons to other HP Photosmart Printers.

335	
<b>Product Number</b>	<b>Q6377A</b>
<b>Print Speed Color, 4 × 6 in.<sup>1</sup></b>	
<b>Draft Quality</b>	As fast as 45 secs
<b>Normal Quality</b>	As fast as 60 secs
<b>Best Quality</b>	As fast as 95 secs
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Input Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Media Types</b>	Photo paper, index cards
<b>Media Sizes, Std</b>	4 × 6 in, 4 × 6.5 in, 4 × 8-in photo card, 4 × 12-in panorama
<b>Media Weights</b>	Up to 110 lb index
<b>Borderless Printing Capability</b>	Yes, 4 × 6 in, 4 × 8-in photo cards, 4 × 12-in panorama
<b>Two-Sided Printing</b>	None
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	32 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Magic Gate, Memory Stick Pro, SmartMedia, Secure Digital, MultiMediaCard, Memory Stick, xD-Picture Card
<b>Connectivity, Std</b>	USB, PictBridge, 4 memory card slots
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 dpi
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	1 (tri-color), optional gray photo
<b>Technology, Color</b>	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3 GUI, PML
<b>Video Action Printing Supported</b>	Yes
<b>Display Type</b>	1.5-in diagonal LCD
<b>Dimensions (W × D × H)</b>	8.7 × 4.6 × 4.6 in
<b>Weight</b>	2.59 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

### HP Photosmart 335



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368AN

#### Media

- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (20 sheets) Q1977A
- HP Everyday Photo Paper, semi-gloss, 4 × 6 in extended tab (100 sheets) Q5440A

#### Cables

- USB Cable, A-B, 2-Meter C6518A

#### Other

- Auto DC Adapter Q3448A
- Rechargeable Battery Q5599A
- Compact Carrying Case Q6410A
- HP bt450, Bluetooth Wireless Printer and PC Adapter Q6398A



# HP Photosmart 385 Compact Photo Printer

Small and light—plus powerful editing on a 2.5-inch display—for 4 x 6-inch prints almost anywhere.

## Product pointers

- Take this stylish, compact printer virtually anywhere—it fits in one hand and weighs less than 3 pounds. Print almost anywhere with the optional battery (must purchase separately).
- Use powerful photo editing with or without a PC. Print from memory cards, PictBridge-enabled cameras or camera phones using an optional HP Bluetooth Wireless Printer Adapter<sup>1</sup>. Then add borders, crop, zoom and more on a 2.5-inch color display.
- Print true borderless 4 x 6-inch photos for as little as 24 cents a photo<sup>2</sup>. Get fade-resistant prints with a traditional look and feel. Enhance photos easily—remove red-eye, brighten, sharpen, even choose black and white or color prints.

<sup>1</sup> Visit [www.hp.com/support/bluetooth](http://www.hp.com/support/bluetooth) for a list of compatible devices.

<sup>2</sup> Actual cost may vary by images printed and other factors.

## Ordering information

<b>Model Number</b>	<b>385</b>
<b>Commercial</b>	Q6387A (ABA)
<b>Retail</b>	Q6387A (ABA)
<b>Canada</b>	Q6393A (A2L)

## Compatibility

<b>Operating System</b>	<b>385</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.1.5, 10.2, 10.3, 10.4	•



HP Photosmart 385

## In the box

- Tri-color print cartridge (7 ml)
- Power module with cord
- 4 x 6-inch photo media sampler
- Index card kit
- User's guide
- Setup poster
- Registration card

## Software

- HP Image Zone with HP Instant Share
- HP Share-to-Web

## Shipping weight and shipping dimensions

- 385 4.6 lb 11.8 x 7.6 x 9.25 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange: U8227A/E  
2 years U4798A/E  
3 years

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1659ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

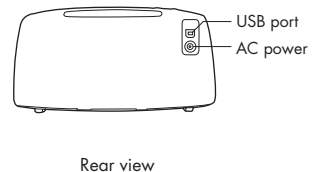
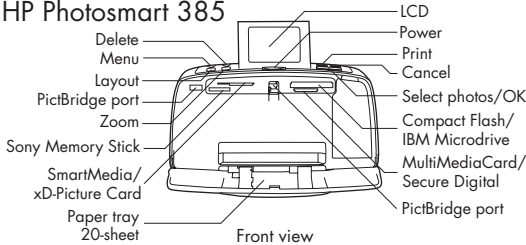
## Model specifications and schematic

• See page 31 for complete specifications and comparisons to other HP Photosmart Printers.

385	
<b>Product Number</b>	<b>Q6387A</b>
<b>Print Speed Color, 4 × 6 in.<sup>1</sup></b>	
<b>Draft Quality</b>	As fast as 45 secs
<b>Normal Quality</b>	As fast as 60 secs
<b>Best Quality</b>	As fast as 95 secs
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Input Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Media Types</b>	Photo paper, index cards
<b>Media Sizes, Std</b>	4 × 6 in, 4 × 6.5 in, 4 × 8-in photo card, 4 × 12-in panorama
<b>Media Weights</b>	Up to 110 lb index
<b>Borderless Printing Capability</b>	Yes, 4 × 6 in, 4 × 8-in photo cards, 4 × 12-in panorama
<b>Two-Sided Printing</b>	None
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	32 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Magic Gate, Memory Stick Pro, SmartMedia, Secure Digital, MultiMediaCard,
	Memory Stick, xD-Picture Card
<b>Connectivity, Std</b>	USB, PictBridge, 4 memory card slots
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 dpi
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	1 (tri-color), optional gray photo
<b>Technology, Color</b>	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3 GUI, PML
<b>Video Action Printing Supported</b>	Yes
<b>Display Type</b>	2.5-in diagonal LCD (adjustable)
<b>Dimensions (W × D × H)</b>	8.7 × 4.6 × 4.5 in
<b>Weight</b>	2.6 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

### HP Photosmart 385



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368AN

#### Media

- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (20 sheets) Q1977A
- HP Everyday Photo Paper, semi-gloss, 4 × 6 in, extended tab (100 sheets) Q5440A

#### Cables

- USB Cable, A-B, 2-Meter C6518A

#### Other

- Auto DC Adapter Q3448A
- Rechargeable Battery Q5599A
- Compact Carrying Case Q6410A
- HP bi450, Bluetooth Wireless Printer and PC Adapter Q6398A

**New!**

# HP Photosmart 425 Photo Studio

Get a complete system with the easiest way to take and print borderless, 4 x 6-inch HP photos.

## Product pointers

- Set a compact, 5.2 MP camera onto a matching printer to print photos and recharge batteries. Crop and zoom on the camera's 1.8-inch image display and 3 times optical zoom.
- Totally self-contained, you can take and print with this portable 4 x 6-inch photo system almost anywhere. The camera fits in your pocket, and the printer is small, lightweight and easy to carry with a built-in handle.
- It's easy to take exceptional photos, using HP Real Life technologies on the camera to automatically brighten dark photo areas and remove red-eye—without software touch-ups. Email photos—without attachments—using HP Instant Share.
- Snap and print true to life photos at home for as little as 24 cents per print. HP Viverna Inks produce vivid colors for true to life prints. These beautiful photos resist fading for generations.

## Ordering information

<b>Model Number</b>	<b>425</b>
<b>Commercial</b>	Q7070A (ABA)

## Compatibility

<b>Operating System</b>	<b>425</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.1, 10.2, 10.3	•



HP Photosmart 425

## In the box

- HP Photosmart 420 printer
- HP Photosmart M417 digital camera
- Tri-color ink cartridge (7 ml)
- Power module with cord
- Audiovisual cable
- USB Cable Mini-B to A
- TV remote control
- Wrist strap
- Index card kit
- User's guide
- Quick Start Booklet
- Registration card
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share

## Shipping weight and shipping dimensions

- 425      5.3 lb      11.8 x 7.88 x 10.83 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware and technical support, plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8227A/E
3 years	U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2681ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

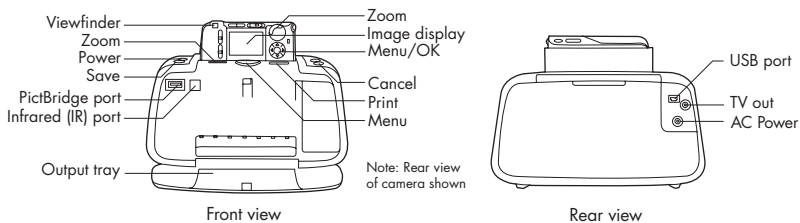
## Model specifications and schematic

• See page 32 for complete specifications.

425	
<b>Product Number</b>	<b>Q7070A</b>
<b>Print Speed Color, 4 × 6 in.<sup>1</sup></b>	
<b>Draft Quality</b>	As fast as 45 secs (with border, PC connect)
<b>Normal Quality</b>	As fast as 55 secs (with border, PC connect)
<b>Best Quality</b>	As fast as 117 sec (borderless), 92 sec (with border)
<b>Input Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Input Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Output Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Media Types</b>	Photo paper, cards
<b>Media Sizes, Std</b>	4 × 6 in, 4 × 6.5 in, 4 × 8-in photo card, 4 × 12-in panorama
<b>Media Weights</b>	16 to 24 lb, up to 110 lb index
<b>Borderless Printing Capability</b>	Yes, up to 4 × 6 in, 4 × 8-in photo cards, 4 × 12-in panorama
<b>Direct Printing Capability</b>	Yes up to 4 × 12 in
<b>Memory, Std</b>	16 MB internal
<b>Memory Card Compatibility</b>	SecureDigital (SD), MultiMediaCard (MMC)
<b>Connectivity, Std</b>	USB cable (Mini-B to A), Infrared, AV cable; External I/O ports: USB (device), USB (host), TV out, camera dock
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 dpi
<b>Print Quality, Color Best</b>	4800 × 1200 dpi
<b>Print Technology</b>	HP Thermal Inkjet
<b>Video Action Printing Supported</b>	Yes, from selected HP Photosmart cameras (through HP Image Zone software)
<b>Display Type</b>	1.8-in diagonal display size LCD; 557 × 234 = 130338 dots
<b>Resolution</b>	5.2 megapixels
<b>Exposure Rating</b>	Auto, 100, 200
<b>Shutter Speed</b>	2 to 1/2000 secs
<b>Lens System</b>	HP Precision optical lens; 21× total zoom; 3× optical; 7× digital; 6 to 18 mm focal length; approximately 36 to 108 mm (35 mm equivalent); f2.8 to f4.9 (wide); f4.8 to f8.0 (telephoto)
<b>Power Supply</b>	2 AA photo lithium or NiMH batteries or HP Photosmart 3.3 V AC
<b>Focus</b>	Normal (default), macro
<b>Flash</b>	Auto (default), on, off, red-eye
<b>Zoom</b>	21 × (3× optical, 7× digital)
<b>Exposure Control</b>	Center weighted auto exposure metering
<b>Viewfinder</b>	Zooming optical
<b>Shooting Mode</b>	Still (default), self-timer, self-timer (2 shots), burst, video
<b>Imaging Technology</b>	EV Compensation, image quality, white balance, ISO speed, fast mode; HP Real Life Technologies including: HP Adaptive Lighting, HP In-Camera Red-Eye Removal
<b>Video Length, Max</b>	Limited to the size of the memory card or internal limited to the size of the memory card or internal memory
<b>Sound Capture</b>	Yes, limited by available memory
<b>Picture Mode</b>	Auto (default), action, fast shot, landscape, macro, portrait
<b>Dimensions (W × D × H)</b>	Camera: 4.2 × 2.1 × 1.4 in; Bundle: 8.9 × 9.3 × 6.4 in
<b>Weight</b>	Camera: 5.3 oz without batteries, 6.2 oz with batteries; Bundle: 2.8 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

## HP Photosmart 425 Photo Studio



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791)ENUC).

Ink	Media	Other	
• HP 95 Tri-Color Inkjet Print Cartridge	• HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (60 sheets)	• Rechargeable battery	Q5599A
• HP 97 Large Tri-Color Inkjet Print Cartridge	• HP Everyday Photo Paper, semi-gloss, 4 × 6 in, extended tab (100 sheets)	• Black sport case	Q6216A
• HP 100 Gray Photo Inkjet Print Cartridge		• Silver sport case	Q6217A
		• b1450, Bluetooth Wireless Printer and PC Adapter	Q6398A
		• Camera Case	Q6214A
		• HP Photosmart Compact Carrying Case	Q6410A
	<b>Cables</b>		
	• USB Cable, A-B, 2-Meter		C6518A

# HP Photosmart 475 Compact Photo Printer

HP's portable compact photo printer with 1.5 GB internal memory that prints true borderless 5 x 7- and 4 x 6-inch photos.



HP Photosmart 475

## Product pointers

- Store up to 1,000 digital photos in your printer using 1.5 GB internal memory, and save memory on your PC's hard drive. Easily transfer photos to your PC to edit, archive and e-mail. Send photos to your printer and print them on the go.
- Add borders, zoom and crop on a 2.5-inch color display. This small, stylish printer is lightweight and easy to carry with an integrated handle. Print up to 75 photos per charge using an optional battery<sup>1</sup>, plus edit and view photos on TV.
- Print beautiful, long-lasting 4 x 6- and 5 x 7-inch photos. Automatically remove red-eye, brighten and sharpen photos—even choose black and white or color photos.
- Edit, view, store and print photos with or without a PC. Print from camera phone, using an optional adapter<sup>2</sup>, or print from memory cards or PictBridge-enabled cameras.

<sup>1</sup> Must purchase separately; number of prints per charge may vary.

<sup>2</sup> Visit [www.hp.com/support/bluetooth](http://www.hp.com/support/bluetooth) for a list of compatible devices.

## Ordering information

<b>Model Number</b>	<b>475</b>
<b>Commercial</b>	Q7011A (ABA)
<b>Retail</b>	Q7011A (ABA)
<b>Canada</b>	Q7014A (A2L)

## Compatibility

<b>Operating System</b>	<b>475</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.1.5, 10.2, 10.3, 10.4	•

## In the box

- Tri-color ink cartridge (14 ml)
- Remote control (battery included)
- Power module with cord
- TV/video cable
- User's guide
- Setup poster
- Index card kit
- Registration card
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share
- HP Share-to-Web

## Shipping weight and shipping dimensions

- 475 5.48 lb 11.8 x 7.6 x 9.4 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years U8227A/E  
3 years U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2196ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hpgsc.com](http://www.hpgsc.com)
- HP Supplies IRG, November 4AA0-0791ENUC

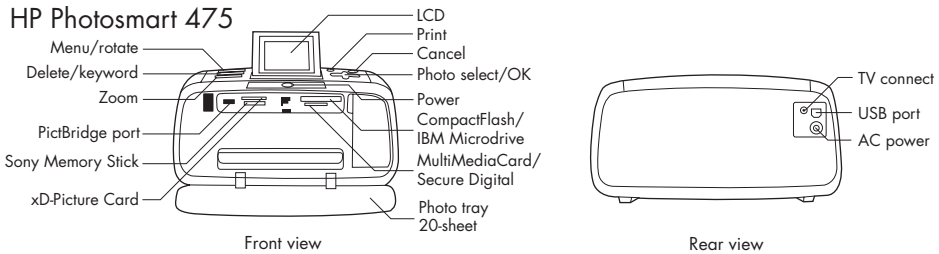
## Model specifications and schematic

• See page 33 for complete specifications.

475	
<b>Product Number</b>	<b>Q7011A</b>
<b>Print Speed Color, 4 × 6 in.<sup>1</sup></b>	
<b>Draft Quality</b>	As fast as 45 secs
<b>Normal Quality</b>	As fast as 60 secs
<b>Best Quality</b>	As fast as 95 secs
<b>Duty Cycle, Monthly</b>	Not applicable
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Input Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Output Capacity, Max</b>	20 sheets (9-mil photo), 26 sheets (7-mil photo)
<b>Envelope Input, Std</b>	None
<b>Media Types</b>	Photo paper, cards
<b>Media Sizes, Std</b>	4 × 6 in, 4 × 8 in, 5 × 7 in, 4 × 12-in panorama
<b>Media Sizes, Custom</b>	None
<b>Media Weights</b>	Up to 110 lb index
<b>Borderless Printing Capability</b>	Yes, up to 4 × 12 in
<b>Two-Sided Printing</b>	None
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Magic Gate, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Memory Stick Pro, Secure Digital, Mini SD (with adapter; not included, purchase separately), MultiMediaCard, xD-Picture Card
<b>Connectivity, Std</b>	USB, PictBridge, memory card slots
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 dpi
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	1 (tri-color), optional gray photo
<b>Technology, Color</b>	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3 GUI, PML
<b>Video Action Printing Supported</b>	Yes, from selected HP Photosmart cameras
<b>Display Type</b>	2.5-in color LCD (adjustable)
<b>Dimensions (W × D × H)</b>	9.8 × 4.5 × 4.8 in
<b>Weight</b>	3.3 lb

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

### HP Photosmart 475



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368AN

### Media

- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (20 sheets) Q1977A
- HP Everyday Photo Paper, semi-gloss, 4 × 6 in, extended tab (100 sheets) Q5440A

### Cables

- USB Cable, A-B, 2-Meter C6518A

### Other

- Rechargeable Battery Q5599A
- Compact Carrying Case Q6410A
- HP bt450, Bluetooth Wireless Printer and PC Adapter Q6398A

# HP Deskjet Printer Specifications



450ci • 450cbi • 450wbt  
C8111A • C8112A • C8145A



460c • 460cb • 460wf • 460wbt  
C8150A • C8151A • C8152A • C8153A

<b>Print Speed Black:<sup>1</sup></b>		
Draft Quality	Up to 9 ppm <sup>2</sup>	Up to 17 ppm
Normal Quality	Up to 5 ppm <sup>2</sup>	Up to 6.3 ppm
Best Quality	Up to 1.6 ppm <sup>2</sup>	Up to 2 ppm
<b>Print Speed Color:<sup>1</sup></b>		
Draft Quality	Up to 8 ppm <sup>2</sup>	Up to 16 ppm
Normal Quality	Up to 2 ppm <sup>2</sup>	Up to 6.9 ppm
Best Quality	Up to 0.2 ppm <sup>2</sup>	Up to 2 ppm
<b>Duty Cycle, Monthly</b>	500 pages	500 pages
<b>Paper Trays, Std</b>	1	1
<b>Paper Trays, Max</b>	1	1
<b>Input Capacity, Std</b>	45 sheets	50 sheets
<b>Input Capacity, Max</b>	45 sheets	50 sheets
<b>Output Capacity, Std</b>	Not applicable	Not applicable
<b>Envelope Input, Std</b>	None	5
<b>Media Types</b>	Paper (copier, bond, recycled, heavy, photo), transparencies, professional brochure (matte and glossy), labels, cards	Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies
<b>Media Sizes, Std</b>	Letter, legal, executive, cards	Legal, letter, executive, statement, index (5 × 8-in, 4 × 6-in, 3 × 5-in), photo (5 × 7-in, 4 × 6-in), envelope (No. 10, Monarch)
<b>Media Sizes, Custom</b>	None	3 × 4 in to 8.5 × 14 in
<b>Two-Sided Printing</b>	Manual	Manual
<b>Memory, Std</b>	16 MB, 4 MB ROM	32 MB
<b>Memory, Max</b>	16 MB, 4 MB ROM	32 MB
<b>Connectivity, Std</b>	Parallel, USB, Fast Infrared (FIR), CompactFlash card slot; <b>450wbt</b> : Parallel, USB, Fast Infrared (FIR), CompactFlash card slot, Bluetooth wireless technology	USB, CompactFlash, Secure Digital, MultimediaCard; <b>460wf/460wbt</b> : HP 802.11 Printer Card
<b>Connectivity, Opt</b>	None	HP 802.11 Printer Card, HP Bluetooth Printer Card
<b>Print Quality:</b>		
Black Best	1200 dpi	Up to 1200 × 1200 rendered dpi
Color Best	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 × 1200 input dpi)	Up to 4800 optimized dpi color and 1200 input dpi
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color)	2 (1 each black, tri-color), optional large tri-color, photo, gray photo
<b>Printheads</b>	Integrated	Integrated
<b>Print Languages, Std</b>	HP PCL 3 enhanced	HP PCL 3 enhanced
<b>Dimensions (W × D × H)</b>	<b>450ci</b> : 13 × 3 × 6.5 in; <b>450cbi/450wbt</b> : 13 × 3 × 7.3 in	<b>460c</b> : 13.4 × 6.45 × 3.25 in; <b>460cb/460wf/460wbt</b> : 13.4 × 7.28 × 3.25 in
<b>Weight</b>	<b>450ci</b> : 4.2 lb; <b>450cbi/450wbt</b> : 4.6 lb	<b>460c</b> : 4.6 lb; <b>460cb/460wf/460wbt</b> : 5.0 lb

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

<sup>2</sup>Printing with Bluetooth wireless technology will impact print speed; visit [www.hp.com/support/bluetooth](http://www.hp.com/support/bluetooth) for more information.



**3930  
C9067A**



**3940  
C9050A**

<b>Print Speed Black:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 10.5 ppm	Up to 16 ppm
<b>Normal Quality</b>	Up to 2.4 ppm	Up to 5.7 ppm
<b>Best Quality</b>	Up to 0.6 ppm	Up to 0.8 ppm
<b>Print Speed Color:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 11 ppm	Up to 12 ppm
<b>Normal Quality</b>	Up to 2.2 ppm	Up to 2.1 ppm
<b>Best Quality</b>	Up to 0.5 ppm	Up to 0.8 ppm
<b>Duty Cycle, Monthly</b>	500 pages	500 pages
<b>Paper Trays, Std</b>	1	1
<b>Paper Trays, Max</b>	1	1
<b>Input Capacity, Std</b>	80 sheets	80 sheets
<b>Input Capacity, Max</b>	80 sheets	80 sheets
<b>Output Capacity, Std</b>	50 sheets	50 sheets
<b>Envelope Input, Std</b>	10	10
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards	Letter, legal, executive, envelopes (No. 10), cards
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 14 in	3 x 5 in to 8.5 x 14 in
<b>Two-Sided Printing</b>	Manual	Manual
<b>Memory, Std</b>	Integrated memory	Integrated memory
<b>Memory, Max</b>	Integrated memory	Integrated memory
<b>Connectivity, Std</b>	USB	USB
<b>Connectivity, Opt</b>	None	None
<b>Print Quality:</b>		
<b>Black Best</b>	Up to 1200 rendered dpi	Up to 1200 rendered dpi
<b>Color Best</b>	Up to 4800 x 1200 optimized dpi (with 1200 input dpi)	Up to 4800 x 1200 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	1 (tri-color), optional black	2 (1 each black, tri-color)
<b>Printheads</b>	Integrated	Integrated
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDIL)	Lightweight Imaging Device Interface Language (LIDIL)
<b>Dimensions (W x D x H)</b>	16.6 x 7.2 x 5.6 in	16.6 x 7.2 x 5.6 in
<b>Weight</b>	4.5 lb	4.5 lb

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.



# HP Deskjet Printer Specifications



**5440  
C9045A**



**5650  
C6490A**

<b>Print Speed Black:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 22 ppm	Up to 21 ppm
<b>Normal Quality</b>	Up to 7.4 ppm	Up to 7.7 ppm
<b>Best Quality</b>	Up to 2.4 ppm	Up to 0.9 ppm
<b>Print Speed Color:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 21 ppm	Up to 15 ppm
<b>Normal Quality</b>	Up to 5 ppm	Up to 5 ppm
<b>Best Quality</b>	Up to 2.4 ppm	Up to 0.9 ppm
<b>Duty Cycle, Monthly</b>	1,000 pages	5,000 pages
<b>Paper Trays, Std</b>	1	1
<b>Paper Trays, Max</b>	1	2
<b>Input Capacity, Std</b>	100 sheets	150 sheets
<b>Input Capacity, Max</b>	100 sheets	400 sheets
<b>Output Capacity, Std</b>	50 sheets	50 sheets
<b>Envelope Input, Std</b>	10	20
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP's premium media, iron-on transfers, borderless media	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panorama, double panorama	Letter, legal, executive, cards, borderless media
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 24 in	3 x 5 in to 8.5 x 14 in
<b>Two-Sided Printing</b>	Yes, manual	Automatic (optional)
<b>Memory, Std</b>	4 MB (RAM), 32 MB (DRAM)	8 MB
<b>Memory, Max</b>	4 MB (RAM), 32 MB (DRAM)	8 MB
<b>Connectivity, Std</b>	USB, Pictbridge	IEEE 1284-compliant bidirectional parallel, USB
<b>Connectivity, Opt</b>	USB, Pictbridge	HP Jetdirect external and wireless print servers
<b>Print Quality:</b>		
<b>Black Best</b>	Up to 1200 x 1200 rendered dpi	Up to 1200 dpi rendered text
<b>Color Best</b>	Up to 4800 optimized dpi color and 1200 input dpi	Up to 4800 x 1200 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo	2 (1 each black, tri-color), optional photo
<b>Printheads</b>	Integrated	Integrated
<b>Print Languages, Std</b>	HP PCL 3 enhanced	HP PCL 3 enhanced
<b>Dimensions (W x D x H)</b>	18.07 x 8.7 x 6.7 in (paper tray folded up)	18 x 15 x 6 in
<b>Weight</b>	7.6 lb	11.7 lb

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.



**5940  
C9017A**



**6122  
C8954B**

<b>Print Speed Black:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 30 ppm	Up to 20 ppm
<b>Normal Quality</b>	Up to 8.5 ppm	Up to 7 ppm
<b>Best Quality</b>	Up to 2.4 ppm	Up to 1.4 ppm
<b>Print Speed Color:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 24 ppm	Up to 13 ppm
<b>Normal Quality</b>	Up to 5.3 ppm	Up to 5 ppm
<b>Best Quality</b>	Up to 2.4 ppm	Up to 1.2 ppm
<b>Duty Cycle, Monthly</b>	3,000 pages	5,000 pages
<b>Paper Trays, Std</b>	1	1
<b>Paper Trays, Max</b>	1	2
<b>Input Capacity, Std</b>	100 sheets	150 sheets
<b>Input Capacity, Max</b>	100 sheets	400 sheets
<b>Output Capacity, Std</b>	50 sheets	50 sheets
<b>Envelope Input, Std</b>	10	22
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP's premium media, iron-on transfers, borderless media	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panorama, double panorama	Letter, legal, executive, cards, banner
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 24 in	3 x 5 in to 8.5 x 14 in
<b>Two-Sided Printing</b>	Yes, manual	Automatic (standard)
<b>Memory, Std</b>	4 MB	8 MB
<b>Memory, Max</b>	4 MB	8 MB
<b>Connectivity, Std</b>	USB, Pictbridge	IEEE 1284-compliant bidirectional parallel, USB
<b>Connectivity, Opt</b>	USB, Pictbridge	HP Jetdirect external and wireless print server
<b>Print Quality:</b>		
<b>Black Best</b>	Up to 1200 rendered dpi	600 dpi
<b>Color Best</b>	Up to 4800 optimized dpi color and 1200 input dpi	Up to 4800 x 1200 optimized dpi (on HP Premium Photo Paper with 1200 x 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo	2 (1 each black, tri-color)
<b>Printheads</b>	Integrated	Integrated
<b>Print Languages, Std</b>	HP PCL 3 enhanced	HP High Performance Architecture (HPA) PCL 3
<b>Dimensions (W x D x H)</b>	18.07 x 8.7 x 6.7 in	18 x 15 x 7 in
<b>Weight</b>	8 lb	13.5 lb

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

# HP Deskjet Printer Specifications



**6540 • 6540dt**  
**C8963A • C8965A**



**6840 • 6840dt**  
**C9029A • C9030A**

<b>Print Speed Black:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 30 ppm	Up to 30 ppm
<b>Normal Quality</b>	Up to 9.8 ppm	Up to 9.8 ppm
<b>Best Quality</b>	Up to 2 ppm	Up to 2 ppm
<b>Print Speed Color:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 20 ppm	Up to 20 ppm
<b>Normal Quality</b>	Up to 5.7 ppm	Up to 5.7 ppm
<b>Best Quality</b>	Up to 2 ppm	Up to 2 ppm
<b>Duty Cycle, Monthly</b>	5,000 pages	5,000 pages
<b>Paper Trays, Std</b>	<b>6540:</b> 1; <b>6540dt:</b> 2	<b>6840:</b> 1; <b>6840dt:</b> 2
<b>Paper Trays, Max</b>	2	2
<b>Input Capacity, Std</b>	<b>6540:</b> 150 sheets; <b>6540dt:</b> 400 sheets	<b>6840:</b> 150 sheets; <b>6840dt:</b> 400 sheets
<b>Input Capacity, Max</b>	400 sheets	400 sheets
<b>Output Capacity, Std</b>	50 sheets	50 sheets
<b>Envelope Input, Std</b>	20	20
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in	3 × 5 in to 8.5 × 24 in
<b>Two-Sided Printing</b>	<b>6540:</b> Automatic (optional); <b>6540dt:</b> Automatic (standard)	<b>6840:</b> Automatic (optional); <b>6840dt:</b> Automatic (standard)
<b>Memory, Std</b>	16 MB	32 MB
<b>Memory, Max</b>	16 MB	32 MB
<b>Connectivity, Std</b>	USB (2 ports)	Wireless Ethernet 802.11g (802.11b compatible), Wired Ethernet, USB, PictBridge
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers	None
<b>Print Quality:</b>		
<b>Black Best</b>	Up to 1200 × 1200 rendered dpi	Up to 1200 × 1200 rendered dpi
<b>Color Best</b>	Up to 4800 optimized dpi (with 1200 input dpi)	Up to 4800 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo	2 (1 each black, tri-color), optional photo
<b>Printheads</b>	Integrated	Integrated
<b>Print Languages, Std</b>	HP PCL 3 enhanced	HP PCL 3 enhanced
<b>Dimensions (W × D × H)</b>	<b>6540:</b> 18 × 14 × 6 in; <b>6540dt:</b> 18 × 17 × 8 in	<b>6840:</b> 17.72 × 14.45 × 5.67 in; <b>6840dt:</b> 17.72 × 17.23 × 8.07 in
<b>Weight</b>	<b>6540:</b> 13 lb; <b>6540dt:</b> 20 lb	<b>6840:</b> 13.2 lb; <b>6840dt:</b> 19.5 lb

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.



9800 • 9800d  
C8165A • C8166A

<b>Print Speed Black:<sup>1</sup></b>	
<b>Draft Quality</b>	Up to 30 ppm
<b>Normal Quality</b>	Up to 8 ppm
<b>Best Quality</b>	Up to 0.6 ppm
<b>Print Speed Color:<sup>1</sup></b>	
<b>Draft Quality</b>	Up to 20 ppm
<b>Normal Quality</b>	Up to 6 ppm
<b>Best Quality</b>	Up to 1.5 ppm
<b>Duty Cycle, Monthly</b>	5,000 pages
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	150 sheets
<b>Input Capacity, Max</b>	150 sheets
<b>Output Capacity, Std</b>	100 sheets
<b>Envelope Input, Std</b>	15
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, tabloid, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, 11 × 14 in, 16 × 20 in, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 13 × 50 in
<b>Two-Sided Printing</b>	<b>9800:</b> Automatic (optional); <b>9800d:</b> Automatic (standard)
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	32 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB 2.0
<b>Connectivity, Opt</b>	HP Jetdirect external print servers
<b>Print Quality:</b>	
<b>Black Best</b>	Up to 1200 rendered dpi
<b>Color Best</b>	Up to 4800 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional color photo and gray photo
<b>Printheads</b>	Integrated
<b>Print Languages, Std</b>	HP PCL 3
<b>Dimensions (W × D × H)</b>	<b>9800:</b> 22.6 × 16.1 × 7.33 in; <b>9800d:</b> 22.6 × 19.7 × 7.33 in
<b>Weight</b>	<b>9800:</b> 22.5 lb; <b>9800d:</b> 28.7 lb

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

# HP Deskjet 450ci, 450cbi and 450wbt Mobile Printer

Designed to print in the office or on the road.

## Product pointers

- The complete mobile office printing solution for on-the-go professionals who need the full features of a desktop printer without the constraints of the desktop.
- A wide range of both wired and wireless connectivity options for convenient, seamless printing from a notebook, PDA or other mobile device.
- Print cartridges that print up to 450 pages black and up to 400 pages color for hassle-free, low-maintenance printing on the go.
- Designed for durability, ensuring uninterrupted productivity in the office and on the road.
- High-performance, yet cost-effective, mobile printing solution.
- Long-lasting lithium-ion battery (standard on 450cbi and 450wbt) prints up to 350 pages per charge, and its compact design allows for easy mobility.

## Ordering information

Model Number	450ci	450cbi	450wbt
Commercial	C8111A (A2L)	C8112A (A2L)	C8145A (A2L)
Canada	C8111A (A2L)	C8112A (A2L)	C8145A (A2L)

## Compatibility

Operating System	450ci	450cbi	450wbt
<b>Standard Desktop</b>			
Windows® NT 4.0	•	•	•
Windows 98	•	•	•
Windows 2000	•	•	•
Windows Me	•	•	•
Windows® XP	•	•	•
Mac OS	• <sup>1</sup>	• <sup>1</sup>	• <sup>1</sup>
Other	Windows CE 3.0 and later, Microsoft Windows for Pocket PC; Palm OS 3.0 and later	Windows CE 3.0 and later, Microsoft Windows for Pocket PC; Palm OS 3.0 and later	Windows CE 3.0 and later, Microsoft Windows for Pocket PC, Windows XP Tablet PC; Palm OS 3.0 and later
<b>Standard Network</b>			
Windows NT 4.0	•	•	•

<sup>1</sup>Mac OS 8.6 and above (including OS X).



HP Deskjet 450wbt

## In the box

### All models:

- Black ink cartridge (19 ml)
- Tri-color ink cartridge (17 ml)
- External power adapter
- Power cord
- Parallel cable
- Getting started guide
- Setup roadmap
- Software CD-ROM

### 450cbi and 450wbt only:

- Battery
- 450wbt only:
- Bluetooth printer card

## Software

- Print drivers
- HP Mobile Printing (web-download) for Pocket PC
- BitPrint for Palm OS-based PDA

## Shipping weight and shipping dimensions

- 450ci 7.88 lb 7.83 × 15.71 × 8.98 in
- 450cbi 7.92 lb 7.83 × 15.71 × 8.98 in
- 450wbt 7.92 lb 7.83 × 15.71 × 8.98 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, 2nd Business Day Exchange

### HP Care Pack options

- Next Day Exchange: 3 years H3683E
- Post Warranty Service, Next Day Exchange: 1 year U3520PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-1006ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- Third-party solutions
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- Supplies and accessories
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

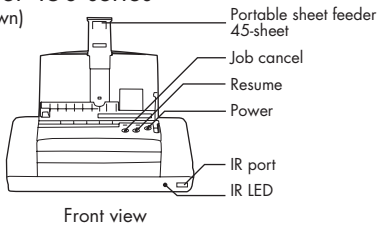
- Shaded rows indicate variations between models.
- See page 48 for complete specifications and comparisons to other HP Deskjet Printers.

	450ci	450cbi	450wbt
<b>Product Number</b>	<b>C8111A</b>	<b>C8112A</b>	<b>C8145A</b>
<b>Print Speed Black:<sup>1</sup></b>			
Draft Quality	Up to 9 ppm <sup>2</sup>	Up to 9 ppm <sup>2</sup>	Up to 9 ppm <sup>2</sup>
Normal Quality	Up to 5 ppm <sup>2</sup>	Up to 5 ppm <sup>2</sup>	Up to 5 ppm <sup>2</sup>
Best Quality	Up to 1.6 ppm <sup>2</sup>	Up to 1.6 ppm <sup>2</sup>	Up to 1.6 ppm <sup>2</sup>
<b>Print Speed Color:<sup>1</sup></b>			
Draft Quality	Up to 8 ppm <sup>2</sup>	Up to 8 ppm <sup>2</sup>	Up to 8 ppm <sup>2</sup>
Normal Quality	Up to 2 ppm <sup>2</sup>	Up to 2 ppm <sup>2</sup>	Up to 2 ppm <sup>2</sup>
Best Quality	Up to 0.2 ppm <sup>2</sup>	Up to 0.2 ppm <sup>2</sup>	Up to 0.2 ppm <sup>2</sup>
<b>Duty Cycle, Monthly</b>	500 pages	500 pages	500 pages
<b>Media Sizes, Std</b>	Letter, legal, executive, cards	Letter, legal, executive, cards	Letter, legal, executive, cards
<b>Two-Sided Printing</b>	Manual	Manual	Manual
<b>Memory, Std</b>	16 MB, 4 MB ROM	16 MB, 4 MB ROM	16 MB, 4 MB ROM
<b>Connectivity, Std</b>	Parallel, USB, Fast Infrared (FIR), CompactFlash card slot	Parallel, USB, Fast Infrared (FIR), CompactFlash card slot	Parallel, USB, Fast Infrared (FIR), CompactFlash card slot, Bluetooth wireless technology
<b>Bluetooth Wireless Connectivity</b>	Optional	Optional	Standard
<b>Print Quality, Black Best</b>	1200 dpi	1200 dpi	1200 dpi
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 × 1200 input dpi)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 × 1200 input dpi)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 × 1200 input dpi)
<b>Print Cartridges</b>	2 (1 each black, tri-color)	2 (1 each black, tri-color)	2 (1 each black, tri-color)
<b>Printheads</b>	Integrated	Integrated	Integrated
<b>Print Languages, Std</b>	HP PCL 3 enhanced	HP PCL 3 enhanced	HP PCL 3 enhanced
<b>Memory Card Compatibility</b>	CompactFlash	CompactFlash	CompactFlash
<b>Recharge Time</b>	As low as 1.5 hours	As low as 1.5 hours	As low as 1.5 hours
<b>Dimensions (W × D × H)</b>	<b>13 × 3 × 6.5 in</b>	<b>13 × 3 × 7.3 in</b>	<b>13 × 3 × 7.3 in</b>
<b>Weight</b>	<b>4.2 lb</b>	<b>4.6 lb</b>	<b>4.6 lb</b>

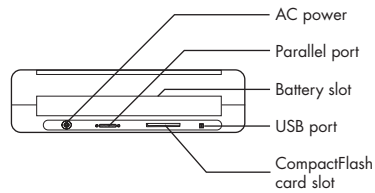
<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

<sup>2</sup>Printing with Bluetooth wireless technology will impact print speed; visit [www.hp.com/support/bluetooth](http://www.hp.com/support/bluetooth) for more information.

## HP Deskjet 450 series (450cbi shown)



Front view



Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 56 Black Inkjet Print Cartridge C6656AN
- HP 57 Tri-Color Inkjet Print Cartridge C6657AN
- HP 58 Photo Inkjet Print Cartridge C6658AN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets) Q1989A

### Other

- Bluetooth Printer Card C8249A
- Lithium-ion Battery C8222A
- Executive Carry Case C8232A
- Travel Holder for Black/Photo Cartridge C8233A
- Auto/Airline Adapter C8257A
- Ultra-Slim AC Adapter C8246A
- Compact Carry Case C8242A

# New!

## HP Deskjet 460c, 460cb, 460wf and 460wbt Mobile Printer

Freedom to print on the go—true mobility with long-lasting HP lithium ion battery, Wi-Fi and Bluetooth wireless technology.

Replaces HP Deskjet 450ci (p/n C8111A), 450cbi (p/n C8112A) and 450wbt (p/n C8145A).

### Product pointers

- Print more productively—what you want, when and where you want it—with HP lithium-ion battery (not included with 460c), Wi-Fi and Bluetooth wireless (optional on 460c and 460cb) technologies plus direct printing from PCs, PDAs, digital cameras and camera phones. Supports multiple operating systems.
- Leave a lasting impression wherever you are—print professional-quality reports, brochures and documents from home, office or on the road. Print true to life 4 × 6-inch photos, with or without borders, from a variety of memory card formats without a PC.
- High-performance mobile printing—speeds up to 17 ppm black, up to 16 ppm color. Print up to 450 pages per charge with optional HP lithium ion battery. High-volume ink cartridges lower costs—Smart ink features can save ink and ensure job completion.

### Ordering information

Model Number	460c	460cb	460wf	460wbt
<b>Commercial</b>	C8150A (A2L)	C8151A (A2L)	C8152A (A2L)	C8153A (A2L)
<b>Canada</b>	C8150A (A2L)	C8151A (A2L)	C8152A (A2L)	C8153A (A2L)

### Compatibility

Operating System	460c	460cb	460wf	460wbt
<b>Standard Desktop</b>				
Windows 98	•	•	•	•
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	•	•	•	•
Windows XP	•	•	•	•
Mac OS 10.x	•	•	•	•
<b>Standard Network</b>				
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	•	•	•	•
Windows XP	•	•	•	•
Mac OS 10.x	•	•	•	•
Windows 98	•	•	•	•
<b>Optional Desktop/Network</b>				
Optional Desktop/Network	Windows NT 4.0, 98, 2000, Me, XP; Pocket PC (2002, 2003, 2003 SE); Unix; Linux; Mac OS 10.x; Palm OS 5.x, 6	Windows NT 4.0, 98, 2000, Me, XP Home, XP Professional, Pocket PC (2002, 2003, 2003 SE); Unix; Linux; Mac OS 10.x; Palm OS 5.x, 6	Windows NT 4.0, 98, 2000, Me, XP Home, XP Professional, Pocket PC (2002, 2003, 2003 SE); Unix; Linux; Mac OS 10.x; Palm OS 5.x, 6	Windows NT 4.0, 98, 2000, Me, XP Home, XP Professional, Pocket PC (2002, 2003, 2003 SE); Unix; Linux; Mac OS 10.x; Palm OS 5.x, 6

### Additional information

#### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-1836ENA

#### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)



HP Deskjet 460c

### In the box

#### All models:

- Black ink cartridge (11 ml)
- Tri-color ink cartridge (7 ml)
- Starter CD with printer drivers
- User documentation
- Compact power adapter
- 460cb, 460wf, 460wbt only:**
- HP Lithium-ion battery
- 460wf, 460wbt only:**
- HP 802.11b WiFi printer card
- 460wbt only:**
- HP Bluetooth printer card

### Software

- Print drivers
- HP Photo Printing software

### Shipping weight and shipping dimensions

- |          |         |                     |
|----------|---------|---------------------|
| • 460c   | 7.92 lb | 7.8 × 15.9 × 8.9 in |
| • 460cb  | 7.92 lb | 7.8 × 15.9 × 8.9 in |
| • 460wf  | 7.92 lb | 7.8 × 15.9 × 8.9 in |
| • 460wbt | 7.92 lb | 7.8 × 15.9 × 8.9 in |

### Warranty and support

See pages 308–313 for complete information.

#### Standard warranty

- 1 year warranty. Return to HP Authorized Service Center

#### HP Care Pack options

- Next Day Exchange:
 

2 years	HC235A/E
3 years	HC236A/E

## Model specifications and schematic

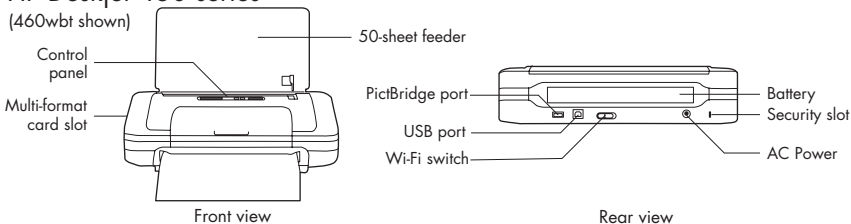
- Shaded rows indicate variations between models.
- See page 48 for complete specifications and comparisons to other HP Deskjet Printers.

Model Number	460c	460cb	460wf	460wbt
Product Number	C8150A	C8151A	C8152A	C8153A
Print Speed Black: <sup>1</sup>				
Draft Quality	Up to 17 ppm	Up to 17 ppm	Up to 17 ppm	Up to 17 ppm
Normal Quality	Up to 6.3 ppm	Up to 6.3 ppm	Up to 6.3 ppm	Up to 6.3 ppm
Best Quality	Up to 2 ppm	Up to 2 ppm	Up to 2 ppm	Up to 2 ppm
Print Speed Color: <sup>1</sup>				
Draft Quality	Up to 16 ppm	Up to 16 ppm	Up to 16 ppm	Up to 16 ppm
Normal Quality	Up to 6.9 ppm	Up to 6.9 ppm	Up to 6.9 ppm	Up to 6.9 ppm
Best Quality	Up to 2 ppm	Up to 2 ppm	Up to 2 ppm	Up to 2 ppm
Duty Cycle, Monthly	500 pages	500 pages	500 pages	500 pages
Paper Trays, Std	1	1	1	1
Input Capacity, Std	50 sheets	50 sheets	50 sheets	50 sheets
Envelope Input, Std	5	5	5	5
Media Types	Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies	Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies	Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies	Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies
Media Sizes, Std	Legal, letter, executive, statement, index (5 × 8-in, 4 × 6-in, 3 × 5-in), photo (5 × 7-in, 4 × 6-in), envelope (No. 10, Monarch)	Legal, letter, executive, statement, index (5 × 8-in, 4 × 6-in, 3 × 5-in), photo (5 × 7-in, 4 × 6-in), envelope (No. 10, Monarch)	Legal, letter, executive, statement, index (5 × 8-in, 4 × 6-in, 3 × 5-in), photo (5 × 7-in, 4 × 6-in), envelope (No. 10, Monarch)	Legal, letter, executive, statement, index (5 × 8-in, 4 × 6-in, 3 × 5-in), photo (5 × 7-in, 4 × 6-in), envelope (No. 10, Monarch)
Two-Sided Printing	Manual	Manual	Manual	Manual
Memory, Std	32 MB	32 MB	32 MB	32 MB
Connectivity, Std	USB, CompactFlash, Secure Digital, MultimediaCard	USB, CompactFlash, Secure Digital, MultimediaCard	Secure Digital, CompactFlash, MultiMediaCard, HP 802.11 Printer Card	Secure Digital, CompactFlash, MultiMediaCard, HP 802.11 Printer Card
Bluetooth Wireless Connectivity	Optional	Optional	Not available	Standard
Print Quality, Black Best	Up to 1200 × 1200 rendered dpi	Up to 1200 × 1200 rendered dpi	Up to 1200 × 1200 rendered dpi	Up to 1200 × 1200 rendered dpi
Print Quality, Color Best	Up to 4800 optimized dpi color and 1200 input dpi	Up to 4800 optimized dpi color and 1200 input dpi	Up to 4800 optimized dpi color and 1200 input dpi	Up to 4800 optimized dpi color and 1200 input dpi
Print Technology	HP Thermal Inkjet	HP Thermal Inkjet	HP Thermal Inkjet	HP Thermal Inkjet
Print Cartridges	2 (1 each black, tri-color), optional large tri-color, photo, gray photo	2 (1 each black, tri-color), optional large tri-color, photo, gray photo	2 (1 each black, tri-color), optional large tri-color, photo, gray photo	2 (1 each black, tri-color), optional large tri-color, photo, gray photo
Printheads	Integrated	Integrated	Integrated	Integrated
Print Languages, Std	HP PCL 3 enhanced	HP PCL 3 enhanced	HP PCL 3 enhanced	HP PCL 3 enhanced
Memory Card Compatibility	Secure Digital, CompactFlash, MultiMediaCard	Secure Digital, CompactFlash, MultiMediaCard	Secure Digital, CompactFlash, MultiMediaCard	Secure Digital, CompactFlash, MultiMediaCard
Recharge Time	Approximately 2 hours	Approximately 2 hours	Approximately 2 hours	Approximately 2 hours
Dimensions (W × D × H)	13.4 × 6.45 × 3.25 in	13.4 × 7.28 × 3.25 in	13.4 × 7.28 × 3.25 in	13.4 × 7.28 × 3.25 in

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 460 series

(460wbt shown)



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUJ).

### Ink

• HP 94 Black Inkjet Print Cartridge	C8765WN
• HP 95 Tri-Color Inkjet Print Cartridge	C8766WN
• HP 97 Large Tri-Color Inkjet Print Cartridge	C9363WN
• HP 99 Photo Inkjet Print Cartridge	C9369WN
• HP 100 Gray Photo Inkjet Print Cartridge	C9368WN

### Media

• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A
• HP Premium Photo Paper, glossy, letter (50 Sheets)	C6979A
• HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets)	Q1990A

### Cables

• USB Cable, A-B, 2 Meter	C6518A
---------------------------	--------

### Other

• Lithium-ion Battery	C8263A
• Auto/Airline Adapter	C8257A
• Ultra-Slim AC Adapter	CB003A
• Travel Holder for Black/Photo Cartridge	CB006A
• Executive Carry Case	C8232A
• Compact Carry Case	C8242A
• 802.11b Printer Card	C8264A
• Bluetooth Printer Card	C8249A



# HP Deskjet 3930 Color Inkjet Printer

*Fast, affordable, easy to use printer—ideal for photos and everyday color and black text printing.*

## Product pointers

- HP makes it quick and easy to set up and print with user-friendly software. Compact design and fold-up paper tray make it easy to use and store the printer practically anywhere. Simple on-screen Print-Cancel saves paper and ink.
- Enjoy greater versatility and efficiency in printing projects—correspondence, photos and more on a variety of papers. Print 4 × 6-inch photos with or without borders (using 4 × 6-inch photo paper with tab) and get more ink where it's needed with HP's efficient ink cartridge design.
- Print vibrant photos with exceptional fade resistance, plus brochures and more in color or black text that retain clarity for decades. Remove red-eye and enhance detail in photos using HP Real Life technologies.

## Ordering information

<b>Model Number</b>	3930
<b>Commercial</b>	C9067A (B1H)
<b>Retail</b>	C9067A (B1H)
<b>Canada</b>	C9067A (B1H)

## Compatibility

<b>Operating System</b>	3930
<b>Standard Desktop</b>	
Windows 98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2, 10.3 and later	•



HP Deskjet 3930

## In the box

- Tri-color ink cartridge (5 ml)
- Power cord
- User's guide
- Setup poster

## Software

- HP Image Zone Express Photo and Imaging

## Shipping weight and shipping dimensions

- 3930      6.5 lb      18.5 × 7.8 × 9.6 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8224A/E
3 years	U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1776ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

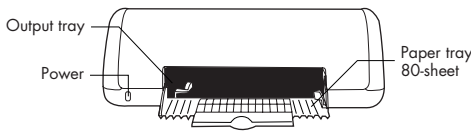
## Model specifications and schematic

• See page 49 for complete specifications and comparisons to other HP Deskjet Printers.

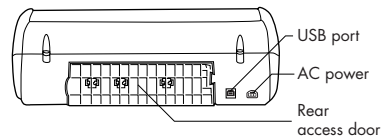
3930	
<b>Product Number</b>	C9067A
<b>Print Speed Black:<sup>1</sup></b>	
Draft Quality	Up to 10.5 ppm
Normal Quality	Up to 2.4 ppm
Best Quality	Up to 0.6 ppm
<b>Print Speed Color:<sup>1</sup></b>	
Draft Quality	Up to 11 ppm
Normal Quality	Up to 2.2 ppm
Best Quality	Up to 0.5 ppm
<b>Duty Cycle, Monthly</b>	500 pages
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	80 sheets
<b>Input Capacity, Max</b>	80 sheets
<b>Output Capacity, Std</b>	50 sheets
<b>Envelope Input, Std</b>	10
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 14 in
<b>Two-Sided Printing</b>	Manual
<b>Memory, Std</b>	Integrated memory
<b>Memory, Max</b>	Integrated memory
<b>Connectivity, Std</b>	USB
<b>Connectivity, Opt</b>	None
<b>Print Quality:</b>	
Black Best	Up to 1200 rendered dpi
Color Best	Up to 4800 x 1200 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	1 (tri-color), optional black
<b>Printheads</b>	Integrated
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDL)
<b>Dimensions (W x D x H)</b>	16.6 x 7.2 x 5.6 in

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 3930



Front view



Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 21 Black Inkjet Print Cartridge C9351AN
- HP 22 Tri-Color Inkjet Print Cartridge C9352AN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A

### Cables

- USB Cable, A-B, 2-Meter C6518A

# HP Deskjet 3940 Color Inkjet Printer

Print laser-quality text and vibrant photos faster with this easy to use compact printer.

## Product pointers

- Enjoy greater speed and versatility in all printing projects—text, photos and more on a variety of papers at speeds up to 16 ppm black, up to 12 ppm color. Print 4 × 6-inch photos with or without borders (using 4 × 6-inch photo paper with tab). Five print quality modes save ink and paper.
- Print vibrant photos with exceptional fade resistance, brochures and more in 4-ink color, plus laser-quality black text documents that retain clarity for decades. Remove red-eye and enhance detail in photos using HP Real Life technologies.
- HP makes it quick and easy to set up and print with user-friendly software. Compact design and fold-up paper tray make it easy to use and store the printer practically anywhere. Simple on-screen Print-Cancel saves paper and ink.

## Ordering information

<b>Model Number</b>	<b>3940</b>
<b>Commercial</b>	C9050A (B1H)
<b>Retail</b>	C9050A (B1H)
<b>Canada</b>	C9050A (B1H)

## Compatibility

<b>Operating System</b>	<b>3940</b>
<b>Standard Desktop</b>	
Windows 98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2, 10.3 and later	•



HP Deskjet 3940

## In the box

- Black ink cartridge (5 ml)
- Tri-color ink cartridge (5 ml)
- Power cord
- User's guide
- Setup poster

## Software

- HP Image Zone Express Photo and Imaging

## Shipping weight and shipping dimensions

- 3940      6.5 lb      18.5 × 7.8 × 9.6 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8224A/E
3 years	U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1775ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

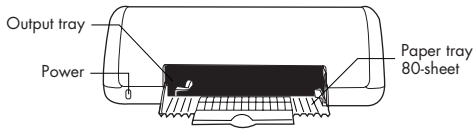
## Model specifications and schematic

- See page 49 for complete specifications and comparisons to other HP Deskjet Printers.

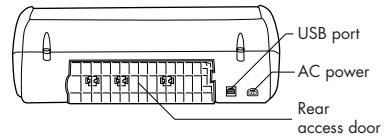
3940	
<b>Product Number</b>	<b>C9050A</b>
<b>Print Speed Black:<sup>1</sup></b>	
Draft Quality	Up to 16 ppm
Normal Quality	Up to 5.7 ppm
Best Quality	Up to 0.8 ppm
<b>Print Speed Color:<sup>1</sup></b>	
Draft Quality	Up to 12 ppm
Normal Quality	Up to 2.1 ppm
Best Quality	Up to 0.8 ppm
<b>Duty Cycle, Monthly</b>	500 pages
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	80 sheets
<b>Input Capacity, Max</b>	80 sheets
<b>Output Capacity, Std</b>	50 sheets
<b>Envelope Input, Std</b>	10
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in
<b>Two-Sided Printing</b>	Manual
<b>Memory, Std</b>	Integrated memory
<b>Memory, Max</b>	Integrated memory
<b>Connectivity, Std</b>	USB
<b>Connectivity, Opt</b>	None
<b>Print Quality:</b>	
Black Best	Up to 1200 rendered dpi
Color Best	Up to 4800 × 1200 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color)
<b>Printheads</b>	Integrated
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDIL)
<b>Dimensions (W × D × H)</b>	16.6 × 7.2 × 5.6 in

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 3940



Front view



Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 21 Black Inkjet Print Cartridge C9351AN
- HP 22 Tri-Color Inkjet Print Cartridge C9352AN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A

### Cables

- USB Cable, A-B, 2-Meter C6518A

# New! HP Deskjet 5440 Photo Printer

Fast, versatile, easy to use photo printer for everyday photo prints, projects and text documents.

Replaces HP Deskjet 3845 (p/n C9037A).

## Product pointers

- Get more versatility in an everyday photo printer. Print true-to-life photos in optional 6-ink color with HP Vivera Inks, plus projects, text and more on a range of paper types. Also enjoy exceptional fade resistance for photos and documents.
- Enjoy greater speed and efficiency in all your photo and everyday printing projects—up to 22 ppm black, up to 21 ppm color. Plus 4 × 6-inch photos in as fast as 27 seconds.
- Print photos without a PC directly from PictBridge-enabled cameras via a USB port. Use camera's LCD to select photos—from 4 × 6 to 8.5 × 24-inch panorama, with or without borders. Easily organize, edit and print photos with included HP Image Zone software.
- Easy setup and use with user-friendly software, plus efficient HP inkjet cartridge design can save you ink and money, and on-screen Print cancel saves both paper and ink.

## Ordering information

<b>Model Number</b>	<b>5440</b>
<b>Commercial</b>	C9045A (B1H)
<b>Retail</b>	C9045A (B1H)
<b>Canada</b>	C9045A (B1H)

## Compatibility

<b>Operating System</b>	<b>5440</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS X 10.2, 10.3	•



HP Deskjet 5440

## In the box

- Black ink cartridge (5 ml)
- Tri-color ink cartridge (5 ml)
- User's guide
- Setup poster
- Power supply
- Software CD-ROM
- Power cord

## Software

- HP ImageZone Photo and Imaging Software

## Shipping weight and shipping dimensions

- 5440      10.4 lb      19.5 × 12 × 8.5 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8224A/E
3 years	U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2197ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

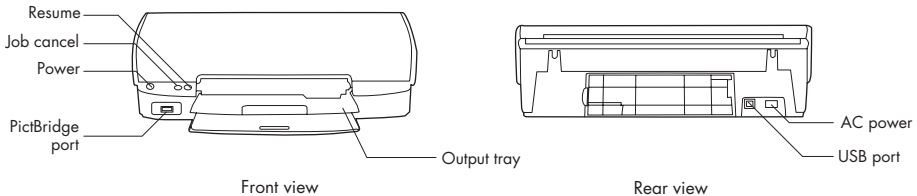
## Model specifications and schematic

• See page 50 for complete specifications and comparisons to other HP Deskjet Printers.

<b>Model Number</b>	<b>5440</b>
<b>Product Number</b>	<b>C9045A</b>
<b>Print Speed Black:<sup>1</sup></b>	
Draft Quality	Up to 22 ppm
Normal Quality	Up to 7.4 ppm
Best Quality	Up to 2.4 ppm
<b>Print Speed Color:<sup>1</sup></b>	
Draft Quality	Up to 21 ppm
Normal Quality	Up to 5 ppm
Best Quality	Up to 2.4 ppm
<b>Duty Cycle, Monthly</b>	1,000 pages
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Output Capacity, Std</b>	50 sheets
<b>Envelope Input, Std</b>	10
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP's premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panorama, double panorama
<b>Media Sizes, Custom</b>	3 × 5 to 8.5 × 24 in
<b>Two-Sided Printing</b>	Yes, manual
<b>Memory, Std</b>	4 MB (RAM), 32 MB (DRAM)
<b>Memory, Max</b>	4 MB (RAM), 32 MB (DRAM)
<b>Connectivity, Std</b>	USB, Pictbridge
<b>Connectivity, Opt</b>	USB, Pictbridge
<b>Print Quality:</b>	
Black Best	Up to 1200 × 1200 rendered dpi
Color Best	Up to 4800 optimized dpi color and 1200 input dpi
<b>Dimensions (W × D × H)</b>	18.07 × 8.7 × 6.7 in (paper tray folded up)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo
<b>Printheads</b>	Integrated
<b>Print Languages, Std</b>	HP PCL 3 enhanced

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 5440



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 92 Black Inkjet Print Cartridge C9362WN
- HP 93 Tri-Color Inkjet Print Cartridge C9361WN
- HP 99 Photo Inkjet Print Cartridge C9369WN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (50 sheets) C6979A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets) Q1990A

### Cables

- USB Cable, A-B, 2-Meter C6518A

# HP Deskjet 5650 Color Inkjet Printer

All-around professional quality and performance with paper-handling and networking options.

## Product pointers

- Print with professional photo-quality results at up to 4800 optimized dpi in color—print true to life photos by adding optional photo cartridge for 6-ink color.
- Enjoy fast all-around performance with laser-quality black text at up to 21 ppm and color at up to 15 ppm.
- The new print-quality selector button on the front of the printer is an easy way to select the optimal combination of print speed and quality before printing; simply push the button for the results you want.
- Add an optional automatic two-sided printing accessory and save up to 50 percent on paper consumption and office file space, or increase paper-handling capability by adding optional 250-sheet tray for up to 400-sheet combined-tray capacity.
- Flexibility—print any size photo with borders, or print without borders on standard-size photo papers up to 8.5 × 11 inches.
- Link multiple computers to a single printer using optional HP Jetdirect Wired and Wireless Print Accessories.

## Ordering information

<b>Model Number</b>	<b>5650</b>
<b>Commercial</b>	C6490A (A2L)
<b>Retail</b>	C6490A (A2L)
<b>Canada</b>	C6490A (A2L)

## Compatibility

<b>Operating System</b>	<b>5650</b>
<b>Standard Desktop</b>	
<b>Windows 98</b>	•
<b>Windows 2000</b>	•
<b>Windows Me</b>	•
<b>Windows XP</b>	•
<b>Mac OS</b>	• <sup>1</sup>
<b>Optional</b>	
<b>Desktop/Network</b>	Windows (98, NT 4.0, 2000, Me, XP), Macintosh (OS 8, 9 and later, OS X and later), Novell NetWare (v3.11, 3.12.4x, 5.0), NDS, NDPS, Line Printer Daemon (LPD) via HP Jetdirect print servers

<sup>1</sup>Mac OS 8.6, 9.x and above; Mac OS X 10.1 and above.



HP Deskjet 5650

## In the box

- Black ink cartridge (19 ml)
- Tri-color ink cartridge (17 ml)
- Power supply and power cord
- Reference guide (PC and Mac)
- Setup poster (PC and Mac)

## Software

- PC and Mac print drivers on CD-ROM
- HP Photo and Imaging

## Shipping weight and shipping dimensions

- 5650      15 lb      19.7 × 7.9 × 16.6 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect external:
 

175x, 10/100Base-TX (1-port)	J6035D
300x, 10/100Base-TX (1-port)	J3263A
500x, 10/100Base-TX (3-port)	J3265A
170x, 10Base-T (1-port)	J3258C
- HP Jetdirect wireless:
 

380x, 802.11b	J6061A
ew2400, 802.11b/g	J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8224A/E
3 years	U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-7338ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

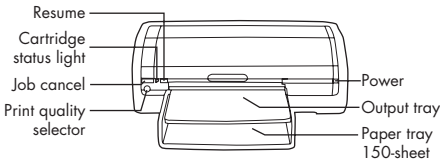
• See page 50 for complete specifications and comparisons to other HP Deskjet Printers.

5650	
<b>Product Number</b>	<b>C6490A</b>
<b>Print Speed Black:<sup>1</sup></b>	
Draft Quality	Up to 21 ppm
Normal Quality	Up to 7.7 ppm
Best Quality	Up to 0.9 ppm
<b>Print Speed Color:<sup>1</sup></b>	
Draft Quality	Up to 15 ppm
Normal Quality	Up to 5 ppm
Best Quality	Up to 0.9 ppm
<b>Duty Cycle, Monthly</b>	5,000 pages
<b>Paper Trays, Std</b>	1
<b>Input Capacity, Std</b>	150 sheets
<b>Envelope Input, Std</b>	20
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, cards, borderless media
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in
<b>Two-Sided Printing</b>	Automatic (optional)
<b>Memory, Std</b>	8 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers
<b>Print Quality:</b>	
Black Best	Up to 1200 dpi rendered text
Color Best	Up to 4800 × 1200 optimized dpi (with 1200 input dpi)
<b>Print Languages, Std</b>	HP PCL 3 enhanced

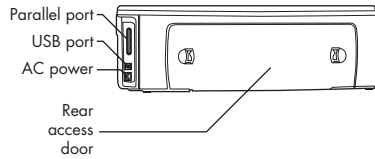
<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

### HP Deskjet 5650

(Shown with paper)



Front view



Rear view

### Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 56 Black Inkjet Print Cartridge C6656AN
- HP 57 Tri-Color Inkjet Print Cartridge C6657AN
- HP 58 Photo Inkjet Print Cartridge C6658AN

#### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets) Q1989A

#### Paper-handling accessories

- Automatic Two-Sided Printing Accessory C8955A
  - 250-Sheet Input Tray Q3447A
- Cables**
- USB Cable, A-B, 2-Meter C6518A



**New!**

# HP Deskjet 5940 Photo Printer

Versatile performance printer for your individual needs—documents, creative projects and photos.

Replaces HP Deskjet 5740 (p/n C9016A).

## Product pointers

- Breakthrough speeds and fast photo printing at up to 30 ppm black, up to 24 ppm color. Plus 4 × 6-inch photos in as fast as 27 seconds.
- Get more versatility in an everyday photo printer. Print true to life photos using optional 6-ink color with HP Vivera Inks. Print projects, text and more on a range of paper types. Also enjoy exceptional fade resistance for photos and documents.
- Print photos without a PC directly from PictBridge-enabled cameras via USB port. Send and receive photos without large e-mail attachments using HP Instant Share service, plus organize, edit and enhance photos using included HP Image Zone software.
- Sleek metallic design, easy setup with user-friendly software. Efficient HP cartridge design and on-screen print cancel saves paper and ink. Rely on HP support—PC Magazine recently awarded HP the Readers' Choice Award for the 13th straight year.

## Ordering information

<b>Model Number</b>	<b>5940</b>
<b>Commercial</b>	C9017A (B1H)
<b>Retail</b>	C9017A (B1H)
<b>Canada</b>	C9017A (B1H)

## Compatibility

<b>Operating System</b>	<b>5940</b>
<b>Standard Desktop</b>	
Windows 98 SE	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS X 10.2, 10.3 and later	•



HP Deskjet 5940

## In the box

- Black ink cartridge (11 ml)
- Tri-color ink cartridge (7 ml)
- Power supply
- Power Cord
- User's guide
- Setup poster
- Software CD-ROM

## Software

- HP ImageZone Photo and Imaging Software

## Shipping weight and shipping dimensions

- 5940      10.8 lb      19.5 × 11.8 × 8.5 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8224A/E
3 years	U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2199ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

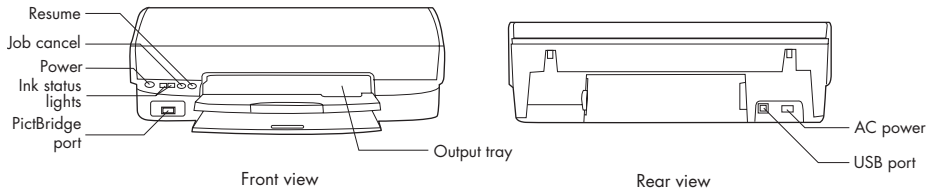
## Model specifications and schematic

• See page 51 for complete specifications and comparisons to other HP Deskjet Printers.

<b>Model Number</b>	<b>5940</b>
<b>Product Number</b>	<b>C9017A</b>
<b>Print Speed Black:<sup>1</sup></b>	
Draft Quality	Up to 30 ppm
Normal Quality	Up to 8.5 ppm
Best Quality	Up to 2.4 ppm
<b>Print Speed Color:<sup>1</sup></b>	
Draft Quality	Up to 24 ppm
Normal Quality	Up to 5.3 ppm
Best Quality	Up to 2.4 ppm
<b>Duty Cycle, Monthly</b>	3,000 pages
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Output Capacity, Std</b>	50 sheets
<b>Envelope Input, Std</b>	10
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP's premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panorama, double panorama
<b>Media Sizes, Custom</b>	3 × 5 to 8.5 × 24 in
<b>Two-Sided Printing</b>	Yes, manual
<b>Memory, Std</b>	4 MB
<b>Memory, Max</b>	4 MB
<b>Connectivity, Std</b>	USB, Pictbridge
<b>Connectivity, Opt</b>	USB, Pictbridge
<b>Print Quality:</b>	
Black Best	Up to 1200 rendered dpi
Color Best	Up to 4800 optimized dpi color and 1200 input dpi
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo
<b>Printheads</b>	Integrated
<b>Print Languages, Std</b>	HP PCL 3 enhanced
<b>Dimensions (W × D × H)</b>	18.07 × 8.7 × 6.7 in

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 5940



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 98 Black Inkjet Print Cartridge C9364WN
- HP 99 Photo Inkjet Print Cartridge C9369WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368WN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (50 sheets) C6979A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets) Q1990A

### Cables

- USB Cable, A-B, 2-Meter C6518A

# HP Deskjet 6122 Printer

Color printer designed for the office.

## Product pointers

- Excellent results on a variety of papers with HP ink supplies.
- Up to 20 ppm black and up to 13 ppm color.
- Automatic two-sided printing accessory saves on paper costs and file space.
- Optional 250-sheet input tray for 400-sheet maximum capacity.
- 5,000-page monthly duty cycle.
- Higher capacity ink cartridges offer less user intervention and low cost per page.
- Front-loading design requires less space to operate.

## Ordering information

<b>Model Number</b>	<b>6122</b>
<b>Commercial</b>	C8954B
<b>Canada</b>	C8954B (A2L)

## Compatibility

<b>Operating System</b>	<b>6122</b>
<b>Standard Desktop</b>	
<b>Windows 9x</b>	• <sup>1</sup>
<b>Windows NT 4.0</b>	•
<b>Windows 2000</b>	• <sup>1</sup>
<b>Windows Me</b>	• <sup>1</sup>
<b>Windows XP</b>	• <sup>1</sup>
<b>Mac OS</b>	• <sup>1, 2</sup>
<b>DOS</b>	•
<b>Other</b>	Windows 3.x (limited support), Linux (limited support)
<b>Optional</b>	
<b>Desktop/Network</b>	Mac OS (8.6 and later, EtherTalk), LPD via HP Jetdirect print servers

Note: Not all operating systems support full functionality of optional paper-handling features.

<sup>1</sup>USB support for Windows 98, 2000, Me, XP and Mac OS only.

<sup>2</sup>Compatibility with Mac OS 8.6, 9.0 and above; Mac OS X 10.1 and above.



HP Deskjet 6122

## In the box

- Black ink cartridge (42 ml)
- Tri-color ink cartridge (19 ml)
- Automatic two-sided printing accessory
- Power cord
- Reference guide
- Setup poster

## Software

- PC and Mac print drivers on CD-ROM
- Additional software and Internet links

## Shipping weight and shipping dimensions

- 6122 18 lb 23.6 x 9.6 x 17.5 in

## Networking solutions

See pages 284–293 for additional information.

### Print Servers

- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
  - 170x, 10Base-T (1-port) J3258C
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A
  - ew2400, 802.11b/g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8224A/E
  - 3 years U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-1985ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hp.com](http://www.hp.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

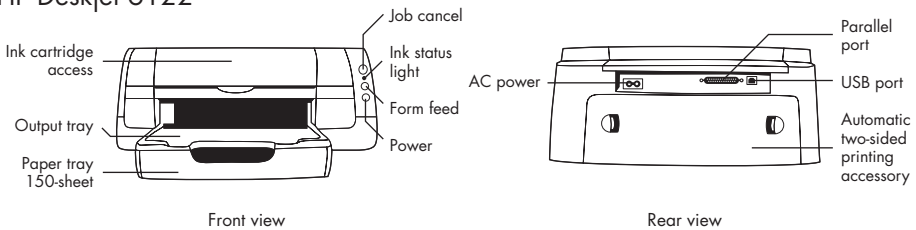
## Model specifications and schematic

• See page 51 for complete specifications and comparisons to other HP Deskjet Printers.

6122	
<b>Product Number</b>	<b>C8954B</b>
<b>Print Speed Black:<sup>1</sup></b>	
Draft Quality	Up to 20 ppm
Fast Normal Quality	Up to 11 ppm
Normal Quality	Up to 7 ppm
Best Quality	Up to 1.4 ppm
<b>Print Speed Color:<sup>1</sup></b>	
Draft Quality	Up to 13 ppm
Fast Normal Quality	Up to 6.9 ppm
Normal Quality	Up to 5 ppm
Best Quality	Up to 1.2 ppm
<b>Duty Cycle, Monthly</b>	5,000 pages
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	2
<b>Input Capacity, Std</b>	150 sheets
<b>Input Capacity, Max</b>	400 sheets
<b>Envelope Input, Std</b>	22
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, executive, cards, banner
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in
<b>Two-Sided Printing</b>	Automatic (standard)
<b>Memory, Std</b>	8 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers
<b>Print Quality:</b>	
Black Best	600 dpi
Color Best	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 × 1200 input dpi)
<b>Print Languages, Std</b>	HP High Performance Architecture (HPA) PCL 3

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

### HP Deskjet 6122



### Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 45 Black Inkjet Print Cartridge 51645A
- HP 78 Tri-Color Inkjet Print Cartridge C6578DN
- HP 78 Large Tri-Color Inkjet Print Cartridge C6578AN

#### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets) Q1989A

#### Paper-handling accessories

- 250-Sheet Input Tray C8956A
- Cables**
- IEEE 1284-Compliant Bidirectional Parallel Cables:
    - 2-Meter C2950A
    - 3-Meter C2951A
  - USB Cable, A-B, 2-Meter C6518A

# HP Deskjet 6540 and 6540dt Color Inkjet Printer

Breakthrough speeds, easy laptop printing and added features for advanced productivity.



HP Deskjet 6540

## Product pointers

- Print everything from everyday business documents to complex brochures and presentations—faster and more conveniently—with breakthrough speeds up to 30 ppm laser-quality black, up to 20 ppm color.
- Make a positive impression every time with reliable, professional photo-quality color and laser-quality black. Enjoy the versatility of up to 4800 optimized dpi color and 4-ink color, or optional 6-ink color for richer photos.
- Work and print on the go with convenient walk-up printing from laptops. Simply use the additional USB port on the front of the printer for fast, direct print connection.
- Easy to use advanced control panel with quick access to commonly used features. Includes a one-touch print quality selector with three modes for task-optimized print quality and speed selection, one-touch Print-Cancel button and ink status display.
- Print standard- and custom-sized photos, with or without borders. Easily print photos for display in standard frame sizes using pre-cut 4 × 6-, 5 × 7- and 8 × 10-inch photo papers.
- Save time and use up to 50 percent less paper with optional automatic two-sided printing accessory (standard on 6540dt); no need to manually flip paper over. Option for higher volume paper-handling up to 400-sheet capacity, total capacity with additional 250-sheet paper tray (standard on 6540dt).

## Ordering information

	6540	6540dt
<b>Model Number</b>	6540	6540dt
<b>Commercial</b>	C8963A (B1H)	C8965A (B1H)
<b>Retail</b>	C8963A (B1H)	C8965A (B1H)
<b>Canada</b>	C8963A (B1H)	C8965A (B1H)

## Compatibility

	6540	6540dt
<b>Operating System</b>	6540	6540dt
<b>Standard Desktop</b>		
<b>Windows 98/98 SE</b>	•	•
<b>Windows Me</b>	•	•
<b>Windows 2000</b>	•	•
<b>Windows XP</b>	•	•
<b>Mac OS</b>	• <sup>1</sup>	• <sup>1</sup>
<b>Optional</b>		
<b>Desktop/Network</b>	Windows (98, 2000, XP, NT 4.0 and later), Macintosh (OS 8, 9, 10 and later), Novell NetWare (v 3.11, 3.12.4x, 5.0), NDS, NDPS, Line Printer Daemon (LPD) and port 9100 via HP Jetdirect print servers	Windows (98, 2000, XP, NT 4.0 and later), Macintosh (OS 8, 9, 10 and later), Novell NetWare (v 3.11, 3.12.4x, 5.0), NDS, NDPS, Line Printer Daemon (LPD) and port 9100 via HP Jetdirect print servers

<sup>1</sup>Mac OS 9.1 and above; 10.1.5, 10.2.3 and 10.3.

## In the box

### All models:

- Black ink cartridge (21 ml)
  - Tri-color ink cartridge (14 ml)
  - User's guide on CD-ROM
  - Setup poster
  - Reference guide
  - Power supply and cord
- 6540dt only:**
- Automatic two-sided printing accessory
  - 250-sheet paper tray

## Software

- HP Photo Printing (Windows only)
- Print drivers

## Shipping weight and shipping dimensions

- |          |         |                       |
|----------|---------|-----------------------|
| • 6540   | 16.5 lb | 23.6 × 9.75 × 16.9 in |
| • 6540dt | 27 lb   | 23.6 × 14.6 × 17.9 in |

## Networking solutions

See pages 284–293 for complete information.

### Print servers

- HP Jetdirect external:  
175x, 10/100Base-TX (1-port) J6035D  
en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:  
380x, 802.11b J6061A

## Warranty and support

See pages 308–313 for additional information.

### Standard warranty

- 1 year limited hardware plus telephone support
- HP Care Pack options**
- Next Day Exchange:  
2 years U8224A/E  
3 years U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-5677ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

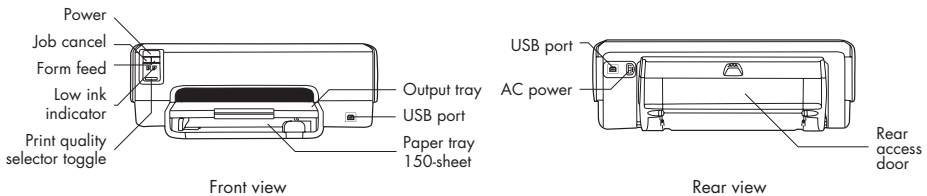
## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 52 for complete specifications and comparisons to other HP Deskjet Printers.

	6540	6540dt
<b>Product Number</b>	<b>C8963A</b>	<b>C8965A</b>
<b>Print Speed Black:<sup>1</sup></b>		
Draft Quality	Up to 30 ppm	Up to 30 ppm
Normal Quality	Up to 9.8 ppm	Up to 9.8 ppm
Best Quality	Up to 2 ppm	Up to 2 ppm
<b>Print Speed Color:<sup>1</sup></b>		
Draft Quality	Up to 20 ppm	Up to 20 ppm
Normal Quality	Up to 5.7 ppm	Up to 5.7 ppm
Best Quality	Up to 2 ppm	Up to 2 ppm
<b>Duty Cycle, Monthly</b>	5,000 pages	5,000 pages
<b>Paper Trays, Std</b>	<b>1</b>	<b>2</b>
<b>Paper Trays, Max</b>	2	2
<b>Input Capacity, Std</b>	<b>150 sheets</b>	<b>400 sheets</b>
<b>Input Capacity, Max</b>	400 sheets	400 sheets
<b>Envelope Input, Std</b>	20	20
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in	3 × 5 in to 8.5 × 24 in
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>
<b>Memory, Std</b>	16 MB	16 MB
<b>Connectivity, Std</b>	USB (2 ports)	USB (2 ports)
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers	HP Jetdirect external and wireless print servers
<b>Print Quality:</b>		
Black Best	Up to 1200 × 1200 rendered dpi	Up to 1200 × 1200 rendered dpi
Color Best	Up to 4800 optimized dpi (with 1200 input dpi)	Up to 4800 optimized dpi (with 1200 input dpi)
<b>Print Languages, Std</b>	HP PCL 3 enhanced	HP PCL 3 enhanced

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 6540 series (6540 shown)



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Ink

- HP 94 Black Inkjet Print Cartridge C8765WN
- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 96 Large Black Inkjet Print Cartridge C8767WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 99 Photo Inkjet Print Cartridge C9369WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368AN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets) Q1989A

### Paper-handling accessories

- 250-Sheet Input Tray (std on 6540dt) Q3447A
- Automatic Two-Sided Printing Accessory (std on 6540dt) Q5712A
- Automatic Two-Sided Printing Accessory with Small Paper Tray Q3032A

### Cables

- USB Cable, A-B, 2-Meter C6518A

# HP Deskjet 6840 and 6840dt Color Inkjet Printer

Wired and wireless networking plus breakthrough speed and direct photo printing.

## Product pointers

- Work with freedom using built-in networking and 802.11g wireless printing—easily share printer with up to five PCs, without wires. New wireless network key enables truly hassle-free setup in less than 20 minutes with enhanced network security (requires Windows XP, USB Flash drive-enabled router and USB Flash drive).
- Get more work done in less time—print black text and color graphic documents faster with breakthrough speeds up to 30 ppm laser-quality black and up to 20 ppm color.
- Make a positive impression every time you print with reliable, professional, photo-quality color and laser-quality black. Enjoy the versatility of printing in up to 4800 × 1200 optimized dpi color and 4-ink color, or optional 6-ink color (with purchase of photo cartridge) for richer photos.
- Print photos without a PC using select HP and other PictBridge-enabled cameras.
- Print standard- and custom-sized photos, with or without borders, in up to 8.5 × 24 inches. Easily print photos for display in standard frame sizes using pre-cut 4 × 6-, 5 × 7- and 8 × 10-inch photo papers.
- Save time and use up to 50 percent less paper with optional HP automatic two-sided printing accessory—no need to manually flip over paper (automatic two-sided printing accessory unit and additional 250-sheet input tray standard on 6840dt).

## Ordering information

Model Number	6840	6840dt
Commercial	C9029A (B1H)	C9030A (B1H)
Retail	C9029A (B1H)	C9030A (B1H)
Canada	C9029A (B1H)	C9030A (B1H)

## Compatibility

Operating System	6840	6840dt
<b>Standard Desktop</b>		
Windows 98/98 SE	•	•
Windows 2000	•	•
Windows XP	•	•
Windows Me	•	•
Mac OS 9.1 and later	•	•
Mac OS X 10.1.5, 10.2.3, 10.3	•	•
<b>Optional</b>		
Desktop/Network	Windows (98, 2000, XP, NT 4.0 and later), Macintosh (OS 8, 9, 10 and later), Novell Netware (v 3.11, 3.12.4x, 5.0), NDS, NDPS, Line Printer Daemon (LPD) and Port 9100 via HP Jetdirect print servers	
Other	TCP/IP: IP Direct Mode, Port 9100 Printing; Status, SNMP; Discovery, SLP and mDNS; Auto IP; Apple Rendezvous	



HP Deskjet 6840

## In the box

### All models:

- Black ink cartridge (21 ml)
  - Tri-color ink cartridge (14 ml)
  - Ethernet cable
  - Power supply and cord
  - Reference guide and network guide
  - Setup poster
  - User's guide and software on CD-ROM
- 6840dt only:**
- Automatic two-sided printing accessory
  - 250-sheet input tray

## Software

- HP Image Zone Photo and Imaging software

## Shipping weight and shipping dimensions

• 6840	16.5 lb	21 × 9 × 18.4 in
• 6840dt	25.2 lb	21 × 13.8 × 18.4 in

## Warranty and support

See pages 308–313 for additional information.

### Standard warranty

- 1 year limited hardware plus telephone support
- HP Care Pack options**
- Next Day Exchange:
 

2 years	U8224A/E
3 years	U4778A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-6298ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpjsc.com](http://www.hpjsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

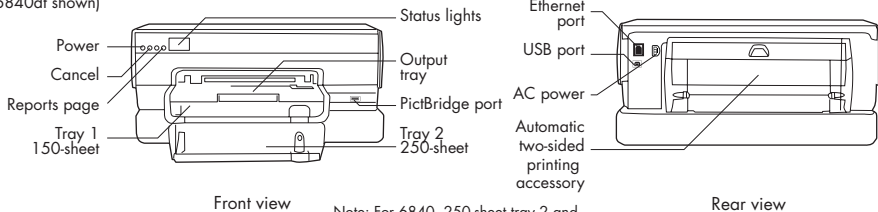
- Shaded rows indicate variations between models.
- See page 52 for complete specifications and comparisons to other HP Deskjet Printers.

	6840	6840dt
<b>Product Number</b>	<b>C9029A</b>	<b>C9030A</b>
<b>Print Speed Black:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 30 ppm	Up to 30 ppm
<b>Normal Quality</b>	Up to 9.8 ppm	Up to 9.8 ppm
<b>Best Quality</b>	Up to 2 ppm	Up to 2 ppm
<b>Print Speed Color:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 20 ppm	Up to 20 ppm
<b>Normal Quality</b>	Up to 5.7 ppm	Up to 5.7 ppm
<b>Best Quality</b>	Up to 2 ppm	Up to 2 ppm
<b>Duty Cycle, Monthly</b>	5,000 pages	5,000 pages
<b>Paper Trays, Std</b>	<b>1</b>	<b>2</b>
<b>Paper Trays, Max</b>	2	2
<b>Input Capacity, Std</b>	<b>150 sheets</b>	<b>400 sheets</b>
<b>Input Capacity, Max</b>	400 sheets	400 sheets
<b>Envelope Input, Std</b>	20	20
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in	3 × 5 in to 8.5 × 24 in
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>
<b>Memory, Std</b>	32 MB	32 MB
<b>Memory, Max</b>	32 MB	32 MB
<b>Connectivity, Std</b>	Wireless Ethernet 802.11g (802.11b compatible), Wired Ethernet, USB, PictBridge	Wireless Ethernet 802.11g (802.11b compatible), Wired Ethernet, USB, PictBridge
<b>Connectivity, Opt</b>	None	None
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 rendered dpi	Up to 1200 × 1200 rendered dpi
<b>Print Quality, Color Best</b>	Up to 4800 optimized dpi (with 1200 input dpi)	Up to 4800 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo	2 (1 each black, tri-color), optional photo
<b>Print Languages, Std</b>	HP PCL 3 enhanced	HP PCL 3 enhanced

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 6840 series

(6840dt shown)



Front view

Note: For 6840, 250-sheet tray 2 and automatic two-sided printing accessory are optional.

Rear view

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

• HP 94 Black Inkjet Print Cartridge	C8765WN
• HP 95 Tri-Color Inkjet Print Cartridge	C8766WN
• HP 96 Large Black Inkjet Print Cartridge	C8767WN
• HP 97 Large Tri-Color Inkjet Print Cartridge	C9363WN
• HP 99 Photo Inkjet Print Cartridge	C9369WN
• HP 100 Gray Photo Inkjet Print Cartridge	C9368AN

### Media

• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A
• HP Premium Photo Paper, glossy, letter (15 sheets)	C6039A
• HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets)	Q1989A

### Paper-handling accessories

• Automatic Two-Sided Printing Accessory (std on 6840dt)	Q5712A
• Automatic Two-Sided Printing Accessory with Small Paper Tray	Q3032A
• 250-Sheet Input Tray (std on 6840dt)	Q3447A

### Cables

• USB Cable, A-B, 2-Meter	C6518A
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# HP Deskjet 9800 and 9800d Color Inkjet Printer

Affordable 13 x 19-inch color printer with two-sided printing (optional on 9800) for the home office or small business.

## Product pointers

- Experience fast, laser-quality print speeds in an inkjet printer. Fast performance with print speeds up to 30 ppm black and 20 ppm color. Plus, optional automatic two-sided printing (standard on 9800d) saves time and paper.
- Professional quality graphics and photos in-house with optional 6-ink color (with purchase of photo cartridge), up to 4800-optimized dpi and bordered or borderless printing. Eliminate the need to outsource by creating professional, vibrant marketing materials.
- Covering a wide range of printing needs from general office documents to high-impact do-it-yourself marketing materials, with wide-format capabilities and flexible media handling.
- Experience ease of use and reliability with this compact printer series. Its automatic media sensor, print cartridge status indicators and Print-Cancel button enable easy operation. Comes with one year, 24/7 service and support.

## Ordering information

Model Number	9800	9800d
Commercial	C8165A (A2L)	C8166A (A2L)
Retail	C8165A (A2L)	C8166A (A2L)
Canada	C8165A (A2L)	C8166A (A2L)

## Compatibility

Operating System	9800	9800d
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT 4.0	•	•
Windows 2000	•	•
Windows XP	•	•
DOS	•	•
Mac OS X 10.x and later	•	•
<b>Optional</b>		
Desktop/Network	Windows NT 4.0, Mac OS 10.x and later, Red Hat Linux 6.x and later, SuSE Linux 6.x and later, HP-UX (10.20, 11.x), Solaris [2.5x, 2.6, 7, 8 (SPARC systems only)], IBM AIX 3.2.5 and later, MPE-iX via HP Jetdirect print servers	Windows NT 4.0, Mac OS 10.x and later, Red Hat Linux 6.x and later, SuSE Linux 6.x and later, HP-UX (10.20, 11.x), Solaris [2.5x, 2.6, 7, 8 (SPARC systems only)], IBM AIX 3.2.5 and later, MPE-iX via HP Jetdirect print servers



HP Deskjet 9800

## In the box

### All models:

- Power cord
- Black ink cartridge (21 ml)
- Tri-color ink cartridge (14 ml)
- User's guide
- Setup poster
- Printer drivers CD-ROM
- **9800d only:**
- Automatic two-sided printing accessory

## Software

- HP Photo Printing
- Print drivers

## Shipping weight and shipping dimensions

- 9800 26.4 lb 26.8 x 20.6 x 13 in
- 9800d 32.6 lb 26.8 x 20.6 x 13 in

## Networking solutions

See pages 284–293 for complete information.

### Print servers

- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
  - 170x, 10Base-T (1-port) J3258C
  - en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:
  - ew2400, 802.11 b/g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support
- **HP Care Pack options**
- Next Day Exchange:
  - 3 years H3683E
- Post Warranty Service, Next Day Exchange:
  - 1 year U3520PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-9926ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

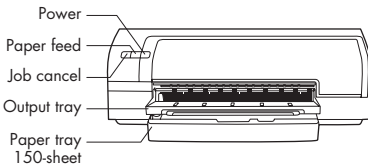
## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 53 for complete specifications.

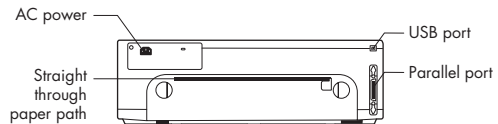
	9800	9800d
<b>Product Number</b>	<b>C8165A</b>	<b>C8166A</b>
<b>Print Speed Black:<sup>1</sup></b>		
Draft Quality	Up to 30 ppm	Up to 30 ppm
Normal Quality	Up to 8 ppm	Up to 8 ppm
Best Quality	Up to 0.6 ppm	Up to 0.6 ppm
<b>Print Speed Color:<sup>1</sup></b>		
Draft Quality	Up to 20 ppm	Up to 20 ppm
Normal Quality	Up to 6 ppm	Up to 6 ppm
Best Quality	Up to 1.5 ppm	Up to 1.5 ppm
<b>Duty Cycle, Monthly</b>	5,000 pages	5,000 pages
<b>Paper Trays, Std</b>	1	1
<b>Paper Trays, Max</b>	1	1
<b>Input Capacity, Std</b>	150 sheets	150 sheets
<b>Input Capacity, Max</b>	150 sheets	150 sheets
<b>Output Capacity, Std</b>	100 sheets	100 sheets
<b>Envelope Input, Std</b>	15	15
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers
<b>Media Sizes, Std</b>	Letter, legal, tabloid, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, 11 × 14 in, 16 × 20 in, envelopes (No. 10, Monarch)	Letter, legal, tabloid, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, 11 × 14 in, 16 × 20 in, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 13 × 50 in	3 × 5 in to 13 × 50 in
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>
<b>Memory, Std</b>	32 MB	32 MB
<b>Memory, Max</b>	32 MB	32 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB 2.0	IEEE 1284-compliant bidirectional parallel, USB 2.0
<b>Connectivity, Opt</b>	HP Jetdirect external print servers	HP Jetdirect external print servers
<b>Print Quality, Black Best</b>	Up to 1200 rendered dpi	Up to 1200 rendered dpi
<b>Print Quality, Color Best</b>	Up to 4800 optimized dpi (with 1200 input dpi)	Up to 4800 optimized dpi (with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional color photo and gray photo	2 (1 each black, tri-color), optional color photo and gray photo
<b>Printheads</b>	Integrated	Integrated
<b>Print Languages, Std</b>	HP PCL 3	HP PCL 3
<b>Dimensions (W × D × H)</b>	<b>22.6 × 16.1 × 7.33 in</b>	<b>22.6 × 19.7 × 7.33 in</b>

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Deskjet 9800



Front view



Rear view

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Ink

- HP 94 Black Inkjet Print Cartridge C8765WN
- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 96 Large Black Inkjet Print Cartridge C8767WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 99 Photo Inkjet Print Cartridge C9369WN
- HP 100 Gray Photo Inkjet Print Cartridge C9368AN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (60 sheets) Q1989A

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory C8258A
- Cables**
- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
  - USB Cable, A-B, 2-Meter C6518A

# HP Officejet Pro and Business Inkjet Printer Specifications



1000  
C8179A



1200d • 1200dn • 1200dm • 1200dtwn  
C8154A • C8170A • C8155A • C8156A

<b>Print Speed Black:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 23 ppm	Up to 28 ppm
<b>Normal Quality</b>	Up to 6 ppm	Up to 9 ppm
<b>Best Quality</b>	Up to 3 ppm	Up to 4 ppm
<b>Print Speed Color:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 18 ppm	Up to 24 ppm
<b>Normal Quality</b>	Up to 5 ppm	Up to 8 ppm
<b>Best Quality</b>	Up to 3 ppm	Up to 4 ppm
<b>Duty Cycle, Monthly</b>	6,250 pages	6,250 pages
<b>Paper Trays, Std</b>	1	<b>1200d/1200dn:</b> 1; <b>1200dm/1200dtwn:</b> 2
<b>Paper Trays, Max</b>	1	2
<b>Input Capacity, Std</b>	150 sheets	<b>1200d/1200dn:</b> 150 sheets; <b>1200dm/1200dtwn:</b> 400 sheets
<b>Input Capacity, Max</b>	150 sheets	400 sheets
<b>Output Capacity, Std</b>	80 sheets	150 sheets
<b>Envelope Input, Std</b>	22	22
<b>Media Types</b>	Paper [copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavyweight, premium transparency, premium photo, photo, brochure (matte and glossy)], cards, envelopes	Copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavy weight, premium transparency, premium photo, photo paper, professional brochure (matte and glossy), cards, envelopes
<b>Media Sizes, Std</b>	Letter, legal, executive, statement, banner, envelopes (Monarch), index cards, 4 × 6-in photo (with tab)	Letter, legal, executive, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in
<b>Two-Sided Printing</b>	Automatic (optional)	Automatic (standard)
<b>Memory, Std</b>	8 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM
<b>Memory, Max</b>	8 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM
<b>Connectivity, Std</b>	USB (compatible with USB 2.0 specifications)	<b>1200d:</b> USB, IEEE 1284-compliant bidirectional parallel; <b>1200dn/1200dm:</b> Wired Ethernet, USB, IEEE 1284-compliant bidirectional parallel; <b>1200dtwn:</b> Wired and wireless 802.11b Ethernet, USB, IEEE 1284-compliant bidirectional parallel
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers	HP Jetdirect external and wireless print servers
<b>Print Quality:</b>		
<b>Black Best</b>	Up to 1200 × 1200 dpi	Up to 1200 dpi rendered text
<b>Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 input dpi)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Printheads</b>	4, separate	4, separate
<b>Technology, Color</b>	HP PhotoREt III	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3	HP PCL 3
<b>Dimensions (W × D × H)</b>	19.5 × 16.2 × 8.4 in	<b>1200d/1200dn:</b> 19.92 × 18.26 × 8.31 in; <b>1200dm/1200dtwn:</b> 19.92 × 18.26 × 10.83 in
<b>Weight</b>	16 lb	<b>1200d/1200dn:</b> 20.72 lb; <b>1200dm:</b> 26.46 lb; <b>1200dtwn:</b> 26.5 lb

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

# HP Officejet Pro and Business Inkjet Printer Specifications



**2300 • 2300n • 2300dn**  
C8125A • C8126A • C8127A



**2800 • 2800dt • 2800dm**  
C8174A • C8163A • C8164A

<b>Print Speed Black:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 26 ppm	Up to 24 ppm (letter), up to 13.5 ppm (tabloid)
<b>Normal Quality</b>	Up to 9 ppm	Up to 6.5 ppm (letter), up to 4.5 ppm (tabloid)
<b>Best Quality</b>	Up to 4 ppm	Up to 4 ppm (letter), up to 3 ppm (tabloid)
<b>Print Speed Color:<sup>1</sup></b>		
<b>Draft Quality</b>	Up to 22 ppm	Up to 21 ppm (letter), up to 12 ppm (tabloid)
<b>Normal Quality</b>	Up to 8 ppm	Up to 5 ppm (letter), up to 3 ppm (tabloid)
<b>Best Quality</b>	Up to 2 ppm	Up to 4 ppm (letter), up to 2.5 ppm (tabloid)
<b>Duty Cycle, Monthly</b>	10,000 pages	12,000 pages
<b>Paper Trays, Std</b>	2	<b>2800: 1; 2800dt/2800dm: 2</b>
<b>Paper Trays, Max</b>	2	2
<b>Input Capacity, Std</b>	<b>2300/2300n: 400 sheets; 2300dn: 650 sheets</b>	<b>2800: 150 sheets; 2800dt/2800dm: 400 sheets</b>
<b>Input Capacity, Max</b>	650 sheets	400 sheets
<b>Output Capacity, Std</b>	100 sheets	100 sheets
<b>Envelope Input, Std</b>	22	2
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)
<b>Media Sizes, Std</b>	Letter, legal, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, tabloid, super B, executive, statement, index cards, 8.5 x 13 in, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 14 in, tray 1; 7 x 10 in to 8.5 x 14 in, tray 2	3.54 x 5.75 in to 13 x 19 in
<b>Two-Sided Printing</b>	<b>2300/2300n: Automatic (optional); 2300dn: Automatic (standard)</b>	<b>2800: Automatic (optional); 2800dt/2800dm: Automatic (standard)</b>
<b>Memory, Std</b>	64 MB	96 MB
<b>Memory, Max</b>	320 MB	544 MB
<b>Connectivity, Std</b>	<b>2300: IEEE 1284-compliant bidirectional parallel, USB 2.0, 1 open EIO slot; 2300n/2300dn: IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect 620n internal print server in EIO slot</b>	<b>2800/2800dt: IEEE 1284-compliant bidirectional parallel, USB 2.0, 1 EIO slot; 2800dm: IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect 620n (EIO) internal print server</b>
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk	HP Jetdirect internal, external and wireless print servers
<b>Print Quality:</b>		
<b>Black Best</b>	Up to 1200 dpi rendered text	1200 x 600 dpi
<b>Color Best</b>	Up to 4800 x 1200 optimized dpi (on HP Premium Photo Paper with 1200 input dpi)	Up to 4800 x 1200 optimized dpi (on HP Premium Photo Paper)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Printheads</b>	4, separate	4, separate
<b>Technology, Color</b>	HP PhotoREt III	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation
<b>Dimensions (W x D x H)</b>	<b>2300/2300n: 22 x 16 x 11 in; 2300dn: 22 x 18 x 14 in</b>	<b>2800: 26.6 x 19.6 x 7.8 in; 2800dt/2800dm: 26.6 x 23.1 x 10.4 in</b>
<b>Weight</b>	<b>2300/2300n: 30 lb; 2300dn: 38 lb</b>	<b>2800: 29.7 lb; 2800dt/2800dm: 41.8 lb</b>

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.



**K550 • K550dm • K550dwn**  
**C8157A • C8158A • C8159A**



**K850 • K850dn**  
**C8177A • C8178A**

<b>Print Speed Black:</b> <sup>1</sup>		
<b>Draft Quality</b>	Up to 37 ppm	Up to 24 ppm
<b>Normal Quality</b>	Up to 16 ppm	Up to 6 ppm
<b>Best Quality</b>	Up to 2.4 ppm	Up to 4 ppm
<b>Print Speed Color:</b> <sup>1</sup>		
<b>Draft Quality</b>	Up to 33 ppm	Up to 21 ppm
<b>Normal Quality</b>	Up to 16 ppm	Up to 5.5 ppm
<b>Best Quality</b>	Up to 2.4 ppm	Up to 3.7 ppm
<b>Duty Cycle, Monthly</b>	7,500 pages	6,250 pages
<b>Paper Trays, Std</b>	<b>K550:</b> 1; <b>K550dm/K550dwn:</b> 2	1
<b>Paper Trays, Max</b>	2	1
<b>Input Capacity, Std</b>	<b>K550:</b> 250 sheets; <b>K550dm/K550dwn:</b> 600 sheets	150 sheets
<b>Input Capacity, Max</b>	600 sheets	150 sheets
<b>Output Capacity, Std</b>	150 sheets	100 sheets
<b>Envelope Input, Std</b>	30	10
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, brochure paper, transparencies, labels, cards (index, greeting)	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)
<b>Media Sizes, Std</b>	Letter, legal, statement, executive, envelopes (No. 10, Monarch)	Letter, legal, tabloid, Super B, executive, statement, index cards, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in	3 × 5 in to 13 × 100 in
<b>Two-Sided Printing</b>	<b>K550:</b> Automatic (optional); <b>K550dm/K550dwn:</b> Automatic (standard)	Automatic (optional)
<b>Memory, Std</b>	32 MB	32 MB
<b>Memory, Max</b>	32 MB	32 MB
<b>Connectivity, Std</b>	Hi-Speed USB 2.0 port; <b>K550dm/K550dwn:</b> built-in wired Ethernet networking; <b>K550dwn:</b> built-in wireless 802.11b/g networking	Hi-Speed USB port (compatible with 2.0 specifications), IEEE 1284-compliant parallel; <b>K850dn:</b> built-in Ethernet
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers	HP Jetdirect external print servers
<b>Print Quality:</b>		
<b>Black Best</b>	Up to 1200 × 1200 dpi	Up to 1200 × 1200 dpi
<b>Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 input dpi)	Up to 4800 × 1200 dpi
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow), optional large sizes	4 (1 each black, cyan, magenta, yellow)
<b>Printheads</b>	2 (1 each black/yellow, magenta/cyan)	4 (1 each black, cyan, magenta, yellow)
<b>Technology, Color</b>	Colorsmart III	PhotoREt III
<b>Print Languages, Std</b>	PCL3, PCL3GUI	PCL3GUI
<b>Dimensions (W × D × H)</b>	<b>K550:</b> 19.5 × 22.8 × 8.4 in; <b>K550dm/K550dwn:</b> 19.5 × 26 × 11.9 in	<b>K850:</b> 24 × 17 × 8 in; <b>K850dn:</b> 24 × 20.7 × 8 in
<b>Weight</b>	<b>K550:</b> 21.7 lb; <b>K550dm/K550dwn:</b> 28.9 lb	<b>K850:</b> 27.1; <b>K850dn:</b> 31.5 lb

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

# HP Business Inkjet 1000 Printer

Reliable color printer with cost-effective features for the home or office on a budget.

## Product pointers

- Four individual high-capacity HP ink cartridges, designed specifically for the printer, ensure reliable operation and value. Minimal intervention and maintenance reduce operation costs.
- Print efficiently with speeds up to 23 ppm black, up to 18 ppm color and a choice of two sizes of individual ink cartridges for maximizing printing results.
- Rest assured you're getting a solid, reliable printer. Its limited one-year warranty and award-winning HP service and support lets you focus on work and not your printer. Accommodate demanding printing needs with a 6,250 page-per-month duty cycle.

## Ordering information

<b>Model Number</b>	<b>1000</b>
<b>Commercial</b>	C8179A (A2L)
<b>Retail</b>	C8179A (A2L)
<b>Canada</b>	C8179A (A2L)

## Compatibility

<b>Operating System</b>	<b>1000</b>
<b>Standard Desktop</b>	
<b>Windows 98</b>	•
<b>Windows NT 4.0<sup>1</sup></b>	•
<b>Windows 2000</b>	•
<b>Windows XP</b>	•
<b>Windows Me</b>	•
<b>Mac OS X 10.1 and later</b>	•
<b>Optional</b>	
<b>Desktop/Network</b>	Windows (NT 4.0, 2000, XP), Novell NetWare (3.2, 4.2, 5.x, 6), Mac OS (10.1 and later), Linux (Red Hat/SuSE) 6.x and higher, HP-UX (10.20, 11.x), Solaris [2.5x, 2.6, 7, 8 (SPARC systems only)] via HP Jetdirect print servers

<sup>1</sup>Service Pack 6 and later.



HP Business Inkjet 1000

## In the box

- 4 printheads and ink cartridges [1 each black (28 ml), cyan (14 ml), magenta (14 ml), yellow (14 ml)]
- 150-sheet input tray
- Getting started guide
- Setup poster
- Software and user's guide on CD-ROM
- AC power adapter
- Power cord
- Regulatory flyer
- Support flyer

## Software

- Print drivers
- Administrative tools
- Printer installation software

## Shipping weight and shipping dimensions

- 1000 22 lb 23.6 x 20.4 x 12.7 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect external:  
175x, 10/100Base-TX (1-port) J6035D  
en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:  
380x, 802.11b J6061A  
ew2400, 802.11b/g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware and software plus telephone support

### HP Care Pack options

- Next Day Exchange:  
3 years U6491E
- Post Warranty Service,  
Next Day Exchange:  
1 year U8015PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0802ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

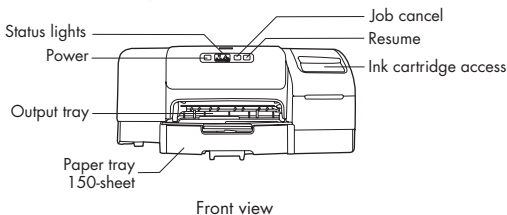
## Model specifications and schematic

• See page 77 for complete specifications and comparisons to other HP Business Inkjet printers.

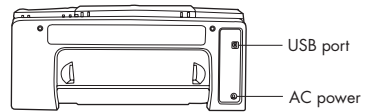
1000	
<b>Product Number</b>	<b>C8179A</b>
<b>Print Speed Black:<sup>1</sup></b>	
Draft Quality	Up to 23 ppm
Normal Quality	Up to 6 ppm
Best Quality	Up to 3 ppm
<b>Print Speed Color:<sup>1</sup></b>	
Draft Quality	Up to 18 ppm
Normal Quality	Up to 5 ppm
Best Quality	Up to 3 ppm
<b>Duty Cycle, Monthly</b>	6,250 pages
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	150 sheets
<b>Input Capacity, Max</b>	150 sheets
<b>Output Capacity, Std</b>	80 sheets
<b>Envelope Input, Std</b>	22
<b>Media Types</b>	Paper [copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavyweight, premium transparency, premium photo, photo, brochure (matte and glossy)], cards, envelopes
<b>Media Sizes, Std</b>	Letter, legal, executive, statement, banner, envelopes (Monarch), index cards, 4 × 6-in photo (with tab)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in
<b>Two-Sided Printing</b>	Automatic (optional)
<b>Memory, Std</b>	8 MB RAM, 4 MB ROM
<b>Memory, Max</b>	8 MB RAM, 4 MB ROM
<b>Connectivity, Std</b>	USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers
<b>Print Quality, Black Best</b>	Up to 1200 × 1200 dpi
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)
<b>Printheads</b>	4, separate
<b>Technology, Color</b>	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3
<b>Dimensions (W × D × H)</b>	19.5 × 16.2 × 8.4 in

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Business Inkjet 1000



Front view



Rear view

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 11 Ink Cartridges:
  - Cyan C4836AN
  - Magenta C4837AN
  - Yellow C4838AN
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A
- HP 13 Ink Cartridges:
  - Black C4814A
  - Cyan C4815A
  - Magenta C4816A
  - Yellow C4817A

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Brochure and Flyer Paper, glossy, letter (150 sheets) Q1987A
- HP Brochure and Flyer Paper, matte, letter (100 sheets) Q5445A
- HP Tri-Fold Brochure Paper, glossy, letter (100 sheets) C7020A

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory CB005A

### Cables

- USB Cable, A-B, 2-Meter C6518A



# HP Business Inkjet 1200d, 1200dn, 1200dtn and 1200dtwn Printer

HP's most cost-effective, desktop, network-ready (select models) business printer for individuals or small work teams.



HP Business Inkjet 1200dtwn

## Product pointers

- Draft print speeds up to 28 ppm in black, up to 24 ppm in color. Excellent print-quality results from up to 4800-optimized dpi color images. Use the standard duplexer for two-sided printing.
- Enjoy the built-in reliability of wired Ethernet connections (not available on 1200d) or the freedom to print wirelessly (standard on 1200dtwn) from Wi-Fi-enabled computers and other devices. Experience seamless network printing and management with HP PCL 3, Embedded Web Server and HP Web Jetadmin.
- With HP Smart printing technology (using genuine HP supplies ensures availability of all HP printing features) and four individual ink cartridges and printheads, experience a low cost printing system ensuring reliable operation and value. Minimal user intervention and infrequent maintenance keep costs low.

## Ordering information

Model Number	1200d	1200dn	1200dtn	1200dtwn
<b>Commercial</b>	C8154A (A2L)	C8170A (A2L)	C8155A (A2L)	C8156A (A2L)
<b>Retail</b>	C8154A (A2L)	C8170A (A2L)	C8155A (A2L)	C8156A (A2L)
<b>Canada</b>	C8154A (A2L)	—	C8155A (A2L)	C8156A (A2L)

## Compatibility

Operating System	1200d	1200dn	1200dtn	1200dtwn
<b>Standard Desktop</b>				
Windows 98/98 SE	•	•	•	•
Windows NT 4.0	•	•	•	•
Windows 2000/XP	•	•	•	•
Windows Me	•	•	•	•
Mac OS 9/OS X 10.1 and later	•	•	•	•
<b>Standard Network</b>				
Windows NT 4.0	—	•	•	•
Windows XP	—	•	•	•
UNIX (HP-UX, Solaris)	—	•	•	•
Linux (Red Hat, SuSE)	—	•	•	•
Mac OS	—	•	•	•
<b>Other</b>	—	IBM AIX 3.2.5 and later, MPE-iX	IBM AIX 3.2.5 and later, MPE-iX	IBM AIX 3.2.5 and later, MPE-iX
<b>Optional</b>				
<b>Desktop/Network</b>	Same as Standard Network on 1200dn via HP Jetdirect print servers	Novell (only supported through HP Jetdirect en3700 print server)	Novell (only supported through HP Jetdirect en3700 print server)	Novell (only supported through HP Jetdirect en3700 print server)

## In the box

### All models:

- 4 printheads and ink cartridges (1 each black, cyan, magenta, yellow)
  - AC power adapter
  - Automatic two-sided printing accessory
  - Power cord
  - Software and user's guide on CD-ROM
  - User documentation
- 1200dtn, 1200dtwn only:**
- 250-sheet input tray

## Software

- Administrative tools
- Print drivers
- Printer installation software

## Shipping weight and shipping dimensions

- |            |       |                       |
|------------|-------|-----------------------|
| • 1200d    | 24 lb | 12.7 × 23.6 × 20.4 in |
| • 1200dn   | 24 lb | 12.7 × 23.6 × 20.4 in |
| • 1200dtn  | 31 lb | 19.6 × 23.7 × 20.4 in |
| • 1200dtwn | 31 lb | 19.6 × 23.7 × 20.4 in |

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect external:  
175x, 10/100Base-TX (1-port) J6035D  
300x, 10/100Base-TX (1-port) J3263A  
500x, 10/100Base-TX (3-port) J3265A  
170x, 10Base-T (1-port) J3258C  
en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:  
380x, 802.11b J6061A  
ew2400, 802.11b/g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:  
3 years U6491E
- Post Warranty Service,  
Next Day Exchange:  
1 year U8015PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-6840ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

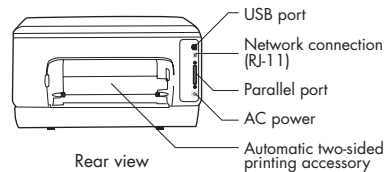
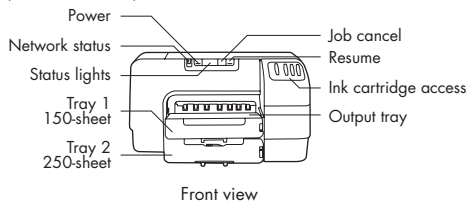
- Shaded rows indicate variations between models.
- See page 77 for complete specifications and comparisons to other HP Business Inkjet printers.

	1200d	1200dn	1200dtn	1200dthwn
<b>Product Number</b>	<b>C8154A</b>	<b>C8170A</b>	<b>C8155A</b>	<b>C8156A</b>
<b>Print Speed Black:</b> <sup>1</sup>				
<b>Draft Quality</b>	Up to 28 ppm	Up to 28 ppm	Up to 28 ppm	Up to 28 ppm
<b>Normal Quality</b>	Up to 9 ppm	Up to 9 ppm	Up to 9 ppm	Up to 9 ppm
<b>Best Quality</b>	Up to 4 ppm	Up to 4 ppm	Up to 4 ppm	Up to 4 ppm
<b>Print Speed Color:</b> <sup>1</sup>				
<b>Draft Quality</b>	Up to 24 ppm	Up to 24 ppm	Up to 24 ppm	Up to 24 ppm
<b>Normal Quality</b>	Up to 8 ppm	Up to 8 ppm	Up to 8 ppm	Up to 8 ppm
<b>Best Quality</b>	Up to 4 ppm	Up to 4 ppm	Up to 4 ppm	Up to 4 ppm
<b>Duty Cycle, Monthly</b>	6,250 pages	6,250 pages	6,250 pages	6,250 pages
<b>Paper Trays, Std</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>Paper Trays, Max</b>	2	2	2	2
<b>Input Capacity, Std</b>	<b>150 sheets</b>	<b>150 sheets</b>	<b>400 sheets</b>	<b>400 sheets</b>
<b>Input Capacity, Max</b>	400 sheets	400 sheets	400 sheets	400 sheets
<b>Output Capacity, Std</b>	150 sheets	150 sheets	150 sheets	150 sheets
<b>Envelope Input, Std</b>	22	22	22	22
<b>Two-Sided Printing</b>	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)
<b>Memory, Std</b>	32 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM
<b>Memory, Max</b>	32 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM	32 MB RAM, 4 MB ROM
<b>Connectivity, Std</b>	<b>USB, IEEE 1284-compliant bidirectional parallel</b>	<b>Wired Ethernet, USB, IEEE 1284-compliant bidirectional parallel</b>	<b>Wired Ethernet, USB, IEEE 1284-compliant bidirectional parallel</b>	<b>Wired and wireless 802.11b Ethernet, USB, IEEE 1284-compliant bidirectional parallel</b>
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers	HP Jetdirect external and wireless print servers	HP Jetdirect external and wireless print servers	HP Jetdirect external and wireless print servers
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Printheads</b>	4, separate	4, separate	4, separate	4, separate
<b>Technology, Color</b>	HP PhotoREt III	HP PhotoREt III	HP PhotoREt III	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3	HP PCL 3	HP PCL 3	HP PCL 3

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Business Inkjet 1200 series

(1200dthwn shown)



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 11 Ink Cartridges:
  - Cyan C4836AN
  - Magenta C4837AN
  - Yellow C4838AN
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A
- HP 13 Ink Cartridges:
  - Black C4814A
  - Cyan C4815A
  - Magenta C4816A
  - Yellow C4817A

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Brochure and Flyer Paper, glossy, letter (150 sheets) Q1987A
- HP Brochure and Flyer Paper, matte, letter (100 sheets) Q5445A
- HP Tri-Fold Brochure Paper, glossy, letter (100 sheets) C7020A

### Paper-handling accessories

- 250-Sheet Input Tray (std on dtn, dthwn) C8254A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

# HP Business Inkjet 2300, 2300n and 2300dtn Printer

HP's cost-effective, network-capable color printer for small workgroups.



HP Business Inkjet 2300

## Product pointers

- Enjoy speeds of up to 26 ppm black and up to 22 ppm color. Even complex jobs print quickly with the powerful 256 MHz processor and 64 MB of memory (upgradeable to 320 MB).
- Use HP EIO Jetdirect networking (standard on 2300n and 2300dtn) and the HP embedded web server to easily share and manage the printer. Experience optimal network printing using HP PCL 5c, 6 and HP postscript level 3 emulation on Windows, Macintosh and major network operating systems.
- An affordable printer and individual ink cartridges ensure cost-effective and high-quality printing. Minimal user intervention and infrequent maintenance keep costs low.

## Ordering information

Model Number	2300	2300n	2300dtn
Commercial	C8125A (A2L)	C8126A (A2L)	C8127A (A2L)
Retail	C8125A (A2L)	C8126A (A2L)	C8127A (A2L)
Canada	C8125A (A2L)	C8126A (A2L)	C8127A (A2L)

## Compatibility

Operating System	2300	2300n • 2300dtn
<b>Standard Desktop</b>		
Windows NT 4.0/98	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP/XP 64-bit	•	•
Mac OS	• <sup>1</sup>	• <sup>1</sup>
Other	OS/2, Linux, UNIX, MS-DOS (support through third-party applications)	OS/2, Linux, UNIX, MS-DOS (support through third-party applications)
<b>Standard Network</b>		
Windows NT 4.0	—	•
NetWare/Mac OS	—	•
UNIX (HP-UX, Solaris)	—	•
Linux (Red Hat, SuSE)	—	•
Other	—	NDS, NDPS, OS/2 Warp, IBM AIX (3.2.5 and later), MPE-iX, Artisoft LANtastic, Windows 2003 Server, Terminal Server Edition 4.0, 2000 and XP Server Terminal Services with Citrix MetaFrame 1.8)
<b>Optional</b>		
Desktop/Network	Same as Standard Network on 2300n via HP Jetdirect print servers	—

<sup>1</sup>Mac OS 9.1 and later.

## In the box

- 4 printheads and ink cartridges [1 each black (26.5 ml), cyan (28 ml), magenta (28 ml), yellow (28 ml)]
- Power cord
- Getting started guide
- Printer software CD-ROM
- **2300 and 2300n only:**
  - 250-sheet input tray (Tray 2)
- **2300n and 2300dtn only:**
  - HP Jetdirect 620n print server
- **2300dtn only:**
  - Automatic two-sided printing accessory
  - 500-sheet input tray (Tray 2)

## Software

- Print drivers and installer

## Shipping weight and shipping dimensions

- 2300 39.16 lb 26.1 × 21.7 × 20.55 in
- 2300n 39.16 lb 26.1 × 21.7 × 20.55 in
- 2300dtn 44 lb 26.1 × 21.7 × 24.41 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 170x, 10Base-T (1-port) J3258C
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A
  - 680n, 802.11b J6058A
  - ew2400, 802.11b/g J7951A
- Other
  - HP Jetdirect Connectivity Card (EIO) for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange: 3 years H7674E
- Next Business Day Response: 3 years H7672E
- Installation Service: 1 printer, 1 incident H4513E
- Post Warranty Service, Next Day Exchange: 1 year H5776PE
- Post Warranty Service, Next Business Day Response: 1 year H5777PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-0139ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

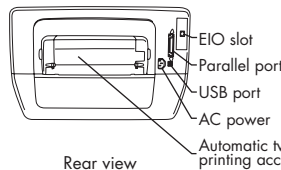
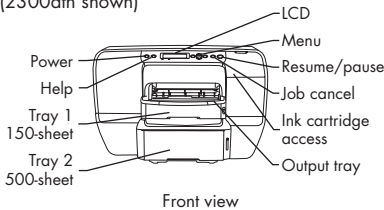
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 78 for complete specifications and comparisons to other HP Business Inkjet Printers.

	2300	2300n	2300dtn
<b>Product Number</b>	<b>C8125A</b>	<b>C8126A</b>	<b>C8127A</b>
<b>Print Speed Black:<sup>1</sup></b>			
Draft Quality	Up to 26 ppm	Up to 26 ppm	Up to 26 ppm
Normal Quality	Up to 9 ppm	Up to 9 ppm	Up to 9 ppm
Best Quality	Up to 4 ppm	Up to 4 ppm	Up to 4 ppm
<b>Print Speed Color:<sup>1</sup></b>			
Draft Quality	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm
Normal Quality	Up to 8 ppm	Up to 8 ppm	Up to 8 ppm
Best Quality	Up to 2 ppm	Up to 2 ppm	Up to 2 ppm
<b>Duty Cycle, Monthly</b>	10,000 pages	10,000 pages	10,000 pages
<b>Paper Trays, Std</b>	2	2	2
<b>Paper Trays, Max</b>	2	2	2
<b>Input Capacity, Std</b>	<b>400 sheets</b>	<b>400 sheets</b>	<b>650 sheets</b>
<b>Input Capacity, Max</b>	650 sheets	650 sheets	650 sheets
<b>Output Capacity, Std</b>	100 sheets	100 sheets	100 sheets
<b>Envelope Input, Std</b>	22	22	22
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 14 in, tray 1; 7 x 10 in to 8.5 x 14 in, tray 2	3 x 5 in to 8.5 x 14 in, tray 1; 7 x 10 in to 8.5 x 14 in, tray 2	3 x 5 in to 8.5 x 14 in, tray 1; 7 x 10 in to 8.5 x 14 in, tray 2
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>
<b>Memory, Std</b>	64 MB	64 MB	64 MB
<b>Memory, Max</b>	320 MB	320 MB	320 MB
<b>Connectivity, Std</b>	<b>IEEE 1284-compliant bidirectional parallel, USB 2.0, 1 open EIO slot</b>	<b>IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect 620n internal print server in EIO slot</b>	<b>IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect 620n internal print server in EIO slot</b>
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Printheads</b>	4, separate	4, separate	4, separate
<b>Technology, Color</b>	HP PhotoREt III	HP PhotoREt III	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Business Inkjet 2300 series (2300dtn shown)



### Memory map

**2300 • 2300n • 2300dtn**

320 MB Maximum Usable Memory/2 Slots



Note: For 2300 and 2300n, automatic two-sided printing accessory is optional and tray 2 is 250-sheets. EIO slot shows HP Jetdirect print server, optional on 2300.

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 11 Ink Cartridges:
  - Cyan C4836AN
  - Magenta C4837AN
  - Yellow C4838AN
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Brochure and Flyer Paper, glossy, letter (150 sheets) Q1987A
- HP Brochure and Flyer Paper, matte, letter (100 sheets) Q5445A
- HP Tri-Fold Brochure Paper, glossy, letter (100 sheets) C7020A

### Paper-handling accessories

- 500-Sheet Input Tray (std on 2300dtn) C8245A
- Automatic Two-Sided Printing Accessory (std on 2300dtn) C8247A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Memory and mass storage

- SDRAM DIMM (100-pin):
  - 64 MB Q1887A
  - 128 MB C9121A

# HP Business Inkjet 2800, 2800dt and 2800dtn Printer

A high-performance, work team, wide-format color printer with professional networking and low running costs.



HP Business Inkjet 2800dt

## Product pointers

- Produce vibrant documents in a variety of sizes with speed and accuracy. This printer enables fast draft speeds—up to 24 ppm black, up to 21 ppm color—and printing up to 13 × 19 inches with laser-quality black text and bright colors with up to 4800-optimized dpi.
- Save money with this printer. Four individual high-capacity ink cartridges (69 ml black and 28 ml color) and long-life printheads reduce running costs over the life of the printer. You also save on paper costs with automatic two-sided printing (optional on 2800).
- Experience easy management with HP Web Jetadmin and Remote Management Software (RMS).
- Tailor this printer to meet your current and growing business needs. Reduce user intervention with a second 250-sheet paper tray and conserve resources with automatic two-sided printing (optional on 2800). Plus, the standard 96 MB of RAM is expandable to 544 MB.

## Ordering information

Model Number	2800	2800dt	2800dtn
Commercial	C8174A (A2L)	C8163A (A2L)	C8164A (A2L)
Retail	C8174A (A2L)	C8163A (A2L)	C8164A (A2L)
Canada	C8174A (A2L)	C8163A (A2L)	C8164A (A2L)

## Compatibility

Operating System	2800	2800dt	2800dtn
<b>Standard Desktop</b>			
Windows 98/XP/Me	•	•	•
Windows NT	•	•	•
Windows 2000	•	•	•
Mac OS X 10.1.5, 10.2, 10.3	•	•	•
<b>Standard Network</b>			
Windows NT	–	–	•
Windows 2000	–	–	•
Windows Server 2003	–	–	•
NetWare	–	–	•
Other	–	–	Windows NT 4 and 2000 (Terminal Server, Terminal Server with Citrix MetaFrame 1.8 and XP) Windows 2003 (Terminal Services, Terminal Services with Citrix MetaFrame Presentation Server)
<b>Optional</b>			
Desktop/Network	Same as Standard Network on the 2800dtn via HP Jetdirect print servers	Same as Standard Network on 2800dtn via HP Jetdirect print servers	UNIX, OS/2, Linux

## In the box

### All models:

- 4 printheads and ink cartridges (1 each black, cyan, magenta, yellow)
- Getting started guide
- Setup roadmap
- Power cord
- Driver CD-ROM
- **2800dt, 2800dtn only:**
- Automatic two-sided printing accessory
- 250-sheet input tray

## Software

- Config editor
- Acrobat Reader 5.05
- Expand utility
- INF locator
- Scrubber

## Shipping weight and shipping dimensions

- 2800 37.5 lb 31 × 23.6 × 15 in
- 2800dt 50.7 lb 31 × 23.6 × 21.4 in
- 2800dtn 50.7 lb 31 × 23.6 × 21.4 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect wireless:
  - 680n, 802.11b J6058A
  - 380x, 802.11b J6061A
  - ew2400, 802.11b/g J7951A
- HP Jetdirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - en3700, 10/100Base-TX (1-port) J7942A
  - 300x, 10/100Base-TX (1-port) J3263A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware

### HP Care Pack options

- Next Day Exchange:
  - 3 years H7674E
- Next Business Day Response:
  - 3 years H7672E
- Installation Service:
  - 1 printer, 1 incident H4513E
- Post Warranty Service, Next Day Exchange:
  - 1 year H5776PE
- Post Warranty Service, Next Business Day Response:
  - 1 year H5777PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-9428ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

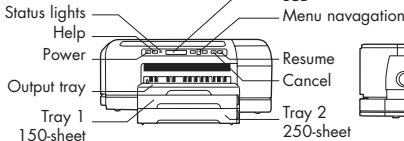
- Shaded rows indicate variations between models.
- See page 78 for complete specifications and comparisons to other HP Business Inkjet Printers.

	2800	2800dt	2800dn
<b>Product Number</b>	<b>C8174A</b>	<b>C8163A</b>	<b>C8164A</b>
<b>Print Speed Black:<sup>1</sup></b>			
<b>Draft Quality</b>	Up to 24 ppm (letter), up to 13.5 ppm (tabloid)	Up to 24 ppm (letter), up to 13.5 ppm (tabloid)	Up to 24 ppm (letter), up to 13.5 ppm (tabloid)
<b>Normal Quality</b>	Up to 6.5 ppm (letter), up to 4.5 ppm (tabloid)	Up to 6.5 ppm (letter), up to 4.5 ppm (tabloid)	Up to 6.5 ppm (letter), up to 4.5 ppm (tabloid)
<b>Best Quality</b>	Up to 4 ppm (letter), up to 3 ppm (tabloid)	Up to 4 ppm (letter), up to 3 ppm (tabloid)	Up to 4 ppm (letter), up to 3 ppm (tabloid)
<b>Print Speed Color:<sup>1</sup></b>			
<b>Draft Quality</b>	Up to 21 ppm (letter), up to 12 ppm (tabloid)	Up to 21 ppm (letter), up to 12 ppm (tabloid)	Up to 21 ppm (letter), up to 12 ppm (tabloid)
<b>Normal Quality</b>	Up to 5 ppm (letter), up to 3 ppm (tabloid)	Up to 5 ppm (letter), up to 3 ppm (tabloid)	Up to 5 ppm (letter), up to 3 ppm (tabloid)
<b>Best Quality</b>	Up to 4 ppm (letter), up to 2.5 ppm (tabloid)	Up to 4 ppm (letter), up to 2.5 ppm (tabloid)	Up to 4 ppm (letter), up to 2.5 ppm (tabloid)
<b>Duty Cycle, Monthly</b>	12,000 pages	12,000 pages	12,000 pages
<b>Paper Trays, Std</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>Paper Trays, Max</b>	2	2	2
<b>Input Capacity, Std</b>	<b>150 sheets</b>	<b>400 sheets</b>	<b>400 sheets</b>
<b>Input Capacity, Max</b>	400 sheets	400 sheets	400 sheets
<b>Media Sizes, Custom</b>	3.54 x 5.75 in to 13 x 19 in	3.54 x 5.75 in to 13 x 19 in	3.54 x 5.75 in to 13 x 19 in
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>	<b>Automatic (standard)</b>
<b>Memory, Std</b>	96 MB	96 MB	96 MB
<b>Memory, Max</b>	544 MB	544 MB	544 MB
<b>Connectivity, Std</b>	<b>IEEE 1284-compliant bidirectional parallel, USB 2.0, 1 EIO slot</b>	<b>IEEE 1284-compliant bidirectional parallel, USB 2.0, 1 EIO slot</b>	<b>IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect 620n (EIO) internal print server</b>
<b>Print Quality, Black Best</b>	1200 x 600 dpi	1200 x 600 dpi	1200 x 600 dpi
<b>Print Quality, Color Best</b>	Up to 4800 x 1200 optimized dpi (on HP Premium Photo Paper)	Up to 4800 x 1200 optimized dpi (on HP Premium Photo Paper)	Up to 4800 x 1200 optimized dpi (on HP Premium Photo Paper)
<b>Technology, Color</b>	HP PhotoREt III	HP PhotoREt III	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

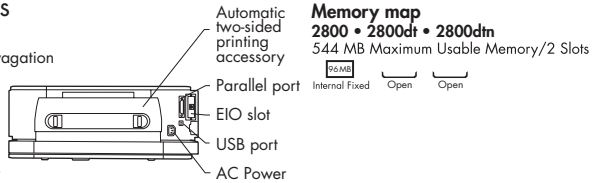
## HP Business Inkjet 2800 series

(2800dn shown)



Note: For 2800, Tray 2 is optional.

Front view



Rear view

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 11 Ink Cartridges:
  - Cyan C4836AN
  - Magenta C4837AN
  - Yellow C4838AN
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Brochure and Flyer Paper, glossy, letter (150 sheets) Q1987A
- HP Brochure and Flyer Paper, matte, letter (100 sheets) Q5445A
- HP Tri-Fold Brochure Paper, glossy, letter (100 sheets) C7020A
- Paper-handling accessories**
  - 250-Sheet Input Tray (std on 2800dt, 2800dn) C8261A
  - Automatic Two-Sided Printing Accessory (std on 2800dt, 2800dn) C8258A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Memory and mass storage

- SDRAM DIMM (100-pin):
  - 64 MB Q1887A
  - 128 MB C9121A

**New!**

# HP Officejet Pro K550, K550dtn and K550dtwn Color Printer

World's fastest desktop color printer with up to 30% lower color cost per page than color laser.

Replaces HP Business Inkjet 1200dn (p/n C8170A), 1200d (p/n C8154A), 1200dtn (p/n C8155A) and 1200dtwn (p/n C8156A).

## Product pointers

- World's fastest desktop color business printer. Easily produce laser-quality black text documents, plus professional color text and graphics at laser quality speeds up to twice the speed of color laser printers.
- New HP print technology produces professional-quality color for up to 30 percent lower color cost per page than color lasers, plus up to 25 percent lower black cost per page than lasers. Individual HP ink cartridges provide additional savings.
- Make a lasting business impression with the professional-quality color and exceptional fade resistance of HP Vivera Inks. Archived documents retain text and color quality for decades. HP Advanced Paper also delivers enhanced water resistance.
- Enhance productivity with built-in wired Ethernet (optional on K550). Reduce paper use by up to 50 percent with included auto two-sided printing accessory (optional on K550). Print high-volume jobs with included extra 350-sheet paper tray for 600-sheet total capacity (optional on K550).

## Ordering information

Model Number	K550	K550dtn	K550dtwn
Commercial	C8157A (A2L)	C8158A (A2L)	C8159A (A2L)
Retail	C8157A (A2L)	C8158A (A2L)	C8159A (A2L)
Canada	C8157A (A2L)	C8158A (A2L)	C8159A (A2L)

## Compatibility

Operating System	K550	K550dtn	K550dtwn
<b>Standard Desktop</b>			
Windows 98	•	•	•
Windows NT 4.0	•	•	•
Windows 2000	•	•	•
Windows Me	•	•	•
Windows XP	•	•	•
Mac OS X	•	•	•
Other	Red Hat Linux 9.0 and higher; SuSE Linux 8.1 and higher; Debian 3.0 and higher; Slackware 8.1 and higher; Lindows 1.3 and higher		

<b>Standard Network</b>			
Windows NT	—	•	•
Windows NT 4.0	•	—	—
Windows 2000	•	•	•
Windows XP	•	•	•
Linux	•	•	•
<b>Optional Desktop/Network</b>			
—	Via HP Jetdirect print servers: Windows NT 4.0, 98, 2000, Me, XP Home, XP Professional; Novell NetWare 3.2, 4.2, 5.x, 6; Mac OS X v 10.2.x, 10.3.x, 10.4.x; Red Hat Linux 9.0 and higher; SuSE Linux 8.1 and higher; Debian 3.0 and higher; Slackware 8.1 and higher		

<sup>1</sup>Mac OS X v 10.2.x, 10.3.x, 10.4.x



HP Officejet Pro K550dtwn

## In the box

### All models:

- 4 print cartridges (1 each black, cyan, magenta, yellow)
- 2 printheads
- Getting started guide
- User's guide on CD-ROM
- Power cord
- Setup poster

### K550dtn, K550dtwn only:

- Automatic two-sided printing accessory
- Second paper tray (350 sheets)

- Built-in wired Ethernet

### K550dtwn only:

- Built-in wireless 802.11b/g networking cross cable

## Shipping weight and shipping dimensions

- K550 26.4 lb 12.1 x 23.7 x 21.1 in
- K550dtwn 39.2 lb 19.8 x 23.7 x 21.1 in
- K550dtn 39.2 lb 19.8 x 23.7 x 21.1 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless:
  - ew2400 802.11b/g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware

### HP Care Pack options

- Next Day Exchange:
  - 2 years HC235A/E
  - 3 years HC236A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-1498ENA

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpjsc.com](http://www.hpjsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

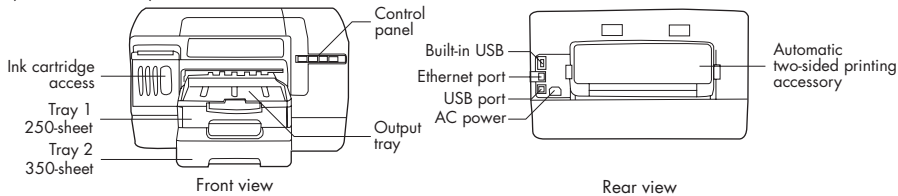
- Shaded rows indicate variations between models.
- See page 79 for complete specifications and comparisons to other HP Officejet Pro Printers.

Model Number	K550	K550dtn	K550dwn
Product Number	C8157A	C8158A	C8159A
Print Speed Black: <sup>1</sup>			
Draft Quality	Up to 37 ppm	Up to 37 ppm	Up to 37 ppm
Normal Quality	Up to 16 ppm	Up to 16 ppm	Up to 16 ppm
Best Quality	Up to 2.4 ppm	Up to 2.4 ppm	Up to 2.4 ppm
Print Speed Color: <sup>1</sup>			
Draft Quality	Up to 33 ppm	Up to 33 ppm	Up to 33 ppm
Normal Quality	Up to 16 ppm	Up to 16 ppm	Up to 16 ppm
Best Quality	Up to 2.4 ppm	Up to 2.4 ppm	Up to 2.4 ppm
Duty Cycle, Monthly	7,500 pages	7,500 pages	7,500 pages
Paper Trays, Std	1	2	2
Paper Trays, Max	2	2	2
Input Capacity, Std	250 sheets	600 sheets	600 sheets
Input Capacity, Max	600 sheets	600 sheets	600 sheets
Output Capacity, Std	150 sheets	150 sheets	150 sheets
Envelope Input, Std	30	30	30
Media Types	Paper (plain, inkjet, photo), envelopes, brochure paper, transparencies, labels, cards (index, greeting)	Paper (plain, inkjet, photo), envelopes, brochure paper, transparencies, labels, cards (index, greeting)	Paper (plain, inkjet, photo), envelopes, brochure paper, transparencies, labels, cards (index, greeting)
Media Sizes, Std	Letter, legal, statement, executive, envelopes (No. 10, Monarch)	Letter, legal, statement, executive, envelopes (No. 10, Monarch)	Letter, legal, statement, executive, envelopes (No. 10, Monarch)
Media Sizes, Custom	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in
Two-Sided Printing	Automatic (optional)	Automatic (standard)	Automatic (standard)
Memory, Std	32 MB	32 MB	32 MB
Memory, Max	32 MB	32 MB	32 MB
Connectivity, Std	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port, built-in wired Ethernet networking	Hi-Speed USB 2.0 port, built-in wired Ethernet networking, built-in wireless 802.11b/g networking
Connectivity, Opt	HP Jetdirect external and wireless print servers	HP Jetdirect external and wireless print servers	HP Jetdirect external and wireless print servers
Print Quality:			
Black Best	Up to 1200 × 1200 dpi	Up to 1200 × 1200 dpi	Up to 1200 × 1200 dpi
Color Best	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 input dpi)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 input dpi)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 input dpi)
Print Technology	HP Thermal Inkjet	HP Thermal Inkjet	HP Thermal Inkjet
Print Cartridges	4 (1 each black, cyan, magenta, yellow), optional large sizes	4 (1 each black, cyan, magenta, yellow), optional large sizes	4 (1 each black, cyan, magenta, yellow), optional large sizes
Printheads	2 (1 each black/yellow, magenta/cyan)	2 (1 each black/yellow, magenta/cyan)	2 (1 each black/yellow, magenta/cyan)
Technology, Color	Colorsmart III	Colorsmart III	Colorsmart III
Print Languages, Std	PCL3, PCL3GUI	PCL3, PCL3GUI	PCL3, PCL3GUI
Dimensions (W × D × H)	19.5 × 22.8 × 8.4 in	19.5 × 26 × 11.9 in	19.5 × 26 × 11.9 in

<sup>1</sup> Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Officejet Pro K550 series

(K550dtn shown)



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Ink

- HP 88 Ink Cartridge:

Black	C9385AN
Cyan	C9368AN
Magenta	C8387AN
Yellow	C9388AN

- HP 88 Large Ink Cartridge

Black	C9396AN
Cyan	C9391AN
Magenta	C9392AN
Yellow	C9393AN

- HP 88 Black/Yellow Printhead C9381A
- HP 88 Magenta/Cyan Printhead C9382A

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Brochure and Flyer Paper, glossy, letter (150 sheets) Q1987A
- HP Brochure and Flyer Paper, matte, letter (100 sheets) Q5445A
- HP Tri-Fold Brochure Paper, glossy, letter (100 sheets) C7020A

### Paper-handling accessories

- 350-Sheet Input Tray C8256A
- Automatic Two-Sided Printing Accessory C8255A

### Cables

- USB Cable, A-B, 2-Meter C6518A



**New!**

# HP Officejet Pro K850 and K850dn Color Printer

*Fast, flexible in-house printing for less with optional or built-in networking and automatic two-sided printing (K850dn) for your business.*



HP Officejet Pro K850

## Product pointers

- Print professional business documents in-house for less. Save time and money with fast print speeds and individual HP ink cartridges. HP's low cost-per-page printing can also use up to 50 percent less paper with optional automatic two-sided printing.
- Print professional-quality documents on a wide variety of paper types right from your desktop. Easily and conveniently handles everything from 4 × 6-inch postcards and photos to wide-format 13 × 19-inch presentations.
- Easily enable print sharing with included wired networking. Network your HP printer to multiple PCs, Macs and notebooks throughout the office. Connect to multiple PC workstations with wired networking capability (standard on K850dn).
- Rely on HP. PC Magazine rated HP service and reliability A/A+ for 13 consecutive years.

## Ordering information

Model Number	K850	K850dn
Commercial	C8177A (A2L)	C8178A (A2L)
Retail	C8177A (A2L)	C8178A (A2L)
Canada	C8177A (A2L)	C8178A (A2L)

## Compatibility

Operating System	K850	K850dn
<b>Standard Desktop</b>		
Windows 98	•	•
Windows NT 4.0	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Mac OS X <sup>1</sup>	•	•
<b>Other</b>	Red Hat Linux 9.0 and higher; SuSE Linux 8.1 and higher; Debian 3.0 and higher; Slackware 8.1 and higher; Windows 1.3 and higher	Red Hat Linux 9.0 and higher; SuSE Linux 8.1 and higher; Debian 3.0 and higher; Slackware 8.1 and higher; Windows 1.3 and higher
<b>Optional Desktop/Network</b>	Via HP Jetdirect print servers: Microsoft Windows NT 4.0, 98, 2000, Me, XP Home, XP Professional; Novell NetWare 3.2, 4.2, 5.x, 6; Mac OS X v 10.2.x, 10.3.x, 10.4.x; Red Hat Linux 9.0 and higher; SuSE Linux 8.1 and higher; Debian 3.0 and higher; Slackware 8.1	Via HP Jetdirect print servers: Microsoft Windows NT 4.0, 98, 2000, Me, XP Home, XP Professional; Novell NetWare 3.2, 4.2, 5.x, 6; Mac OS X v 10.2.x, 10.3.x, 10.4.x; Red Hat Linux 9.0 and higher; SuSE Linux 8.1 and higher; Debian 3.0 and higher; Slackware 8.1

<sup>1</sup>Mac OS X v 10.2.x, 10.3.x, 10.4.x

## In the box

### All models:

- HP 11 Printheads (1 each black, cyan, magenta, yellow)
  - HP 13 Black Ink Cartridge (28 ml)
  - HP 13 Ink Cartridges (14 ml) (1 each cyan, magenta, yellow)
  - Reference guide
  - Setup roadmap
  - Power cord
  - Driver CD
- K850dn only:**
- Ethernet cable
  - Automatic two-sided printing accessory

## Software

- Printer installation CD software
- Adobe Acrobat Reader
- HPMA

## Shipping weight and shipping dimensions

- K850 31.5 lb 28.9 × 23.6 × 15.0 in
- K850n 31.5 lb 28.9 × 23.6 × 15.0 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless:
  - ew2400 802.11b/g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware warranty, standard exchange, 24-hours a day, 7 days a week Web support, standard phone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years HC235A/E
  - 3 years HC236A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-1835ENA

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

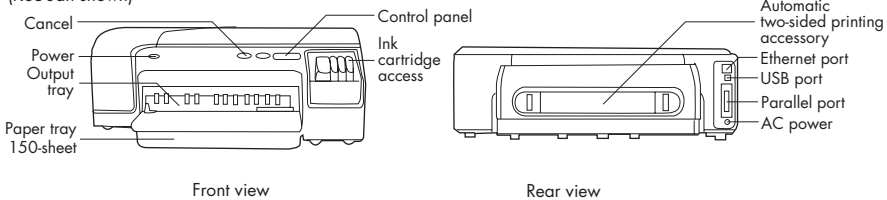
- Shaded rows indicate variations between models.
- See page 79 for complete specifications and comparisons to other HP Officejet Pro Printers.

Model Number	K850	K850dn
Product Number	C8177A	C8178A
Print Speed Black: <sup>1</sup>		
Draft Quality	Up to 24 ppm	Up to 24 ppm
Normal Quality	Up to 6 ppm	Up to 6 ppm
Best Quality	Up to 4 ppm	Up to 4 ppm
Print Speed Color: <sup>1</sup>		
Draft Quality	Up to 21 ppm	Up to 21 ppm
Normal Quality	Up to 5.5 ppm	Up to 5.5 ppm
Best Quality	Up to 3.7 ppm	Up to 3.7 ppm
Duty Cycle, Monthly	6,250 pages	6,250 pages
Paper Trays, Std	1	1
Paper Trays, Max	1	1
Input Capacity, Std	150 sheets	150 sheets
Input Capacity, Max	150 sheets	150 sheets
Output Capacity, Std	100 sheets	100 sheets
Envelope Input, Std	10	10
Media Types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)
Media Sizes, Std	Letter, legal, tabloid, Super B, executive, statement, index cards, envelopes (No. 10, Monarch)	Letter, legal, tabloid, Super B, executive, statement, index cards, envelopes (No. 10, Monarch)
Media Sizes, Custom	3 × 5 in to 13 × 100 in	3 × 5 in to 13 × 100 in
Two-Sided Printing	Automatic (optional)	Automatic (optional)
Memory, Std	32 MB	32 MB
Memory, Max	32 MB	32 MB
Connectivity, Std	Hi-Speed USB port (compatible with 2.0 specifications), IEEE 1284-compliant parallel	Hi-Speed USB port (compatible with 2.0 specifications), IEEE 1284-compliant parallel, built-in Ethernet
Connectivity, Opt	HP Jetdirect external print servers	HP Jetdirect external print servers
Print Quality:		
Black Best	Up to 1200 × 1200 dpi	Up to 1200 × 1200 dpi
Color Best	Up to 4800 × 1200 dpi	Up to 4800 × 1200 dpi
Print Technology	HP Thermal Inkjet	HP Thermal Inkjet
Print Cartridges	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
Printheads	4	4
Technology, Color	PhotoREt III	PhotoREt III
Print Languages, Std	PCL3 GUI	PCL3 GUI
Dimensions (W × D × H)	24 × 17 × 8 in	24 × 20.7 × 8 in

<sup>1</sup>Approximate figures. Exact speeds will vary depending on the system configuration, software program and document complexity.

## HP Officejet Pro K850 series

(K850dn shown)



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 11 Ink Cartridge:
  - Cyan C4836AN
  - Magenta C4837AN
  - Yellow C4838AN
- HP 11 Printhead
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (50 Sheets) C6979A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets) Q1990A

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory C8258A
- **Cables**
  - IEEE 1284-Compliant Bidirectional Parallel Cables:
    - 2-Meter C2950A
    - 3-Meter C2951A
  - USB Cable, A-B, 2-Meter C6518A

# HP LaserJet Printer Specifications



**1020**  
**Q5911A**



**1022 • 1022n • 1022nw**  
**Q5912A • Q5913A • Q5914A**

<b>Print Speed Black, Best Quality, Letter</b>	Up to 15 ppm	Up to 19 ppm
<b>First Page Out</b>	Less than 10 secs	Less than 8 secs
<b>Processor</b>	234 MHz	266 MHz
<b>Duty Cycle, Monthly</b>	5,000 pages	8,000 pages
<b>Paper Trays, Std</b>	1 (plus single-sheet input slot)	1 (plus 10-sheet priority input tray)
<b>Paper Trays, Max</b>	1 (plus single-sheet input slot)	1 (plus 10-sheet priority input tray)
<b>Input Capacity, Std</b>	150 sheets	250 sheets (plus 10 sheets in priority input tray)
<b>Input Capacity, Max</b>	150 sheets	250 sheets (plus 10 sheets in priority input tray)
<b>Output Capacity, Std</b>	100 sheets	150 sheets (face down bin)
<b>Output Capacity, Max</b>	100 sheets	150 sheets (face down bin)
<b>Envelope Input, Std</b>	15	15
<b>Envelope Feeder</b>	No	No
<b>Two-Sided Printing</b>	Manual (driver support provided)	Manual (driver support provided)
<b>Media Sizes, Std</b>	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	5.8 x 8.27 in to 8.5 x 14 in, main tray; 3 x 5 in to 8.5 x 14 in, input slot	3 x 5 in to 8.5 x 14 in
<b>Media Types</b>	Paper (plain, LaserJet, photo), envelopes, transparencies, labels, postcards, cardstock	Paper (plain, LaserJet, photo, rough, vellum), envelopes, transparencies, labels, postcards, cardstock
<b>Media Weights</b>	16 to 43 lb	16 to 43 lb
<b>Memory, Std</b>	2 MB	8 MB
<b>Memory, Max</b>	2 MB	8 MB
<b>Typefaces</b>	Not applicable	26 built-in scalable
<b>Connectivity, Std</b>	Hi-Speed USB 2.0	<b>1022:</b> Hi-Speed USB (compatible with 2.0 specifications); <b>1022n:</b> Hi-Speed USB (compatible with USB 2.0 specifications), HP Jetdirect 10/100 Fast Ethernet embedded print server; <b>1022nw:</b> Hi-Speed USB (compatible with USB 2.0 specifications), HP Jetdirect 10/100 Fast Ethernet embedded print server, HP Jetdirect 802.11b/g wireless Ethernet embedded print server
<b>Connectivity, Opt</b>	None	HP Jetdirect external and wireless print servers, Bluetooth wireless
<b>Prints Color</b>	No	No
<b>Print Quality, Black Best</b>	1200 dpi effective output (600 x 600 dpi)	1200 x 1200 dpi
<b>Technology, Black Print Resolution</b>	HP Resolution Enhancement technology (REt), FastRes 1200	HP Resolution Enhancement technology (REt), ProRes 1200, FastRes 1200
<b>Print Languages, Std</b>	Host-based printing	HP PCL 5e, host-based printing
<b>Printer Management</b>	Printer status	Web server
<b>Dimensions (W x D x H)</b>	14.6 x 9.5 x 8.2 in	14.6 x 9.6 x 9.5 in
<b>Weight</b>	11 lb	12.1 lb

**Note:** HP LaserJet Multifunction Products appear in the "HP Multifunction and All-in-One Products" section starting on page 192.



1160  
Q5933A



1320 • 1320t • 1320n • 1320nw • 1320tn  
Q5927A • Q7589A • Q5928A • Q5929A • Q5930A

<b>Print Speed Black, Best Quality, Letter</b>	Up to 20 ppm	Up to 22 ppm
<b>First Page Out</b>	<8.5 secs	<8.5 secs
<b>Processor</b>	133 MHz	133 MHz
<b>Duty Cycle, Monthly</b>	10,000 pages	10,000 pages
<b>Paper Trays, Std</b>	1 (plus single-sheet input slot)	<b>1320/1320n/1320nw:</b> 1 (plus single-sheet input slot); <b>1320t/1320tn:</b> 2 (plus single-sheet input slot)
<b>Paper Trays, Max</b>	1 (plus single-sheet input slot)	2 (plus single-sheet input slot)
<b>Input Capacity, Std</b>	250 sheets	<b>1320/1320n/1320nw:</b> 250 sheets; <b>1320t/1320tn:</b> 500 sheets
<b>Input Capacity, Max</b>	250 sheets	500 sheets
<b>Output Capacity, Std</b>	125 sheets face down bin, rear output door for special access	125 sheets
<b>Output Capacity, Max</b>	125 sheets	125 sheets
<b>Envelope Input, Std</b>	1	1
<b>Envelope Feeder</b>	No	No
<b>Two-Sided Printing</b>	Manual (driver support provided)	Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in, single-sheet input; 5.8 × 8.3 in to 8.4 × 14 in, input trays
<b>Media Types</b>	Paper (plain, recycled, light, heavy, bond, rough), heavy media, envelopes, transparencies, labels, cardstock	Paper (plain, recycled, light, heavy, bond, rough), heavy media, envelopes, transparencies, labels, cardstock
<b>Media Weights</b>	16 to 43 lb, single-sheet input slot (straight-through media path); 16 to 28 lb, tray 1	16 to 43 lb, single-sheet input; 16 to 28 lb, input trays
<b>Memory, Std</b>	16 MB	16 MB
<b>Memory, Max</b>	16 MB	144 MB
<b>Typefaces</b>	26 built-in scalable	45 scalable TrueType, 35 PostScript
<b>Connectivity, Std</b>	USB (USB 2.0 compatible), IEEE 1284-compliant bidirectional parallel	<b>1320/1320t:</b> IEEE 1284-compliant bidirectional parallel, USB (compatible with USB 2.0 specifications); <b>1320n/1320tn:</b> USB (compatible with USB 2.0 specifications), HP Jetdirect Fast Ethernet embedded print server; <b>1320nw:</b> USB (compatible with USB 2.0 specifications), HP Jetdirect Fast Ethernet embedded print server, HP Jetdirect 802.11b/g wireless Ethernet embedded print server
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless	HP Jetdirect external and wireless print servers, Bluetooth wireless
<b>Prints Color</b>	No	No
<b>Print Quality, Black Best</b>	1200 dpi effective output (600 × 600 dpi with HP REt and HP FastRes 1200)	Up to 1200 dpi
<b>Technology, Black Print Resolution</b>	HP REt, FastRes 1200	HP ProRes 1200
<b>Print Languages, Std</b>	HP PCL 5e, host-based printing	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation
<b>Printer Management</b>	HP Toolbox, print drivers	HP Toolbox, HP Embedded Web Server, print drivers
<b>Dimensions (W × D × H)</b>	13.8 × 13.9 × 10 in	<b>1320/1320n/1320nw:</b> 13.8 × 14 × 10.1 in; <b>1320t/1320tn:</b> 13.8 × 14 × 13.8 in
<b>Weight</b>	22.9 lb	<b>1320/1320n/1320nw:</b> 24.7 lb; <b>1320t/1320tn:</b> 32.9 lb

**Note:** HP LaserJet Multifunction Products appear in the "HP Multifunction and All-in-One Products" section starting on page 192.

# HP LaserJet Printer Specifications



2420 • 2420d • 2420dn • 2430 • 2430n • 2430tn • 2430dtn  
Q5956A • Q5957A • Q5959A • Q5954A • Q5964A • Q5961A • Q5962A



4240n  
Q7785A

<b>Print Speed Black, Best Quality, Letter</b>	2420/2420d/2420dn: Up to 30 ppm; 2430/2430n/2430tn/2430dtn: Up to 35 ppm	Up to 40 ppm
<b>First Page Out</b>	<10 secs	<8 secs
<b>Processor</b>	400 MHz	460 MHz
<b>Duty Cycle, Monthly</b>	2420/2420d/2420dn: 75,000 pages; 2430/2430n/2430tn/2430dtn: 100,000 pages	175,000 pages
<b>Paper Trays, Std</b>	2420/2420d/2420dn/2430/2430n: 2; 2430tn/2430dtn: 3	2
<b>Paper Trays, Max</b>	3	5
<b>Input Capacity, Std</b>	2420/2420d/2420dn/2430/2430n: 350 sheets; 2430tn/2430dtn: 850 sheets	600 sheets
<b>Input Capacity, Max</b>	850 sheets	3100 sheets
<b>Output Capacity, Std</b>	250 sheets	Up to 300 (250-sheet face down in top output bin, 50-sheet face up in rear output bin) sheets
<b>Output Capacity, Max</b>	250 sheets	800 sheets
<b>Envelope Input, Std</b>	10	10
<b>Envelope Feeder</b>	No	75
<b>Two-Sided Printing</b>	2420/2430/2430n/2430tn: Manual (driver support provided); 2420d/2420dn/2430dtn: Automatic (standard)	Automatic (optional)
<b>Media Sizes, Std</b>	Letter, legal, 8.5 × 13 in, executive, envelopes	Letter, legal, executive, statement, 8.5 × 13 in, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in, multipurpose tray 1; optional, tray 2; 5.8 in × 8.3 to 8.5 × 14 in, tray 3
<b>Media Types</b>	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, user-defined	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, user-defined
<b>Media Weights</b>	16 to 53 lb, tray 1 (straight-through paper path); 16 to 32 lb, trays 2 and 3	16 to 53 lb, multipurpose tray; 16 to 32 lb, 500-sheet input trays, 1,500-sheet HCl tray and Automatic Two-Sided Printing Accessory; 20 to 28 lb, envelopes (in the multipurpose tray and optional envelope feeder)
<b>Memory, Std</b>	2420/2430: 32 MB; 2420d: 48 MB; 2420dn/2430n/2430tn/2430dtn: 64 MB	64 MB
<b>Memory, Max</b>	2420/2430: 288 MB; 2420d: 304 MB; 2420dn/2430n/2430tn/2430dtn: 320 MB	512 MB
<b>Typefaces</b>	80 HP font set	80 HP font set
<b>Connectivity, Std</b>	2420/2420d/2430: IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 1 open EIO slot; 2420dn/2430n/2430tn/2430dtn: IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 1 open EIO slot, HP Jetdirect Fast Ethernet embedded print server	Hi-Speed USB (compatible with USB 2.0 specifications), IEEE 1284-B compliant parallel port, 2 open EIO slots, HP Jetdirect Fast Ethernet Embedded Print Server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	HP Jetdirect EIO internal print servers, HP Jetdirect external print servers, HP wireless print servers, HP Jetdirect EIO connectivity card for USB/serial/LocalTalk, Bluetooth wireless
<b>Prints Color</b>	No	No
<b>Print Quality, Black Best</b>	Up to 1200 dpi	Up to 1200 × 1200 dpi
<b>Technology, Black Print Resolution</b>	HP REt, ProRes 1200	HP ProRes 1200, HP FastRes 1200, Resolution Enhancement technology (REt)
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing v1.3 (with at least 128 MB of printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing v1.3 (with at least 128 MB of printer memory)
<b>Printer Management</b>	HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server, E-Toolbox	HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server, E-Toolbox
<b>Dimensions (W × D × H)</b>	2420/2420d/2420dn/2430/2430n: 16.7 × 15.7 × 10.2 in; 2430tn/2430dtn: 16.7 × 15.7 × 15.7 in	16.2 × 41.1 × 21.5 in
<b>Weight</b>	2420/2420d/2420dn/2430/2430n: 36 lb; 2430tn/2430dtn: 48.5 lb	45 lb

**Note:** HP LaserJet Multifunction Products appear in the “HP Multifunction and All-in-One Products” section starting on page 192.



4250 • 4250n • 4250tn • 4250dn • 4250dmsl  
Q5400A • Q5401A • Q5402A • Q5403A • Q5404A



4350n • 4350tn • 4350dn • 4350dmsl  
Q5407A • Q5408A • Q5409A • Q5410A

<b>Print Speed Black, Best Quality, Letter</b>	Up to 45 ppm	Up to 55 ppm
<b>First Page Out</b>	<8 secs	<8 secs
<b>Processor</b>	460 MHz	460 MHz
<b>Duty Cycle, Monthly</b>	200,000 pages	250,000 pages
<b>Paper Trays, Std</b>	4250/4250n: 2; 4250tn/4250dn/4250dmsl: 3	4350n: 2; 4350tn/4350dn/4350dmsl: 3
<b>Paper Trays, Max</b>	5	5
<b>Input Capacity, Std</b>	4250/4250n: 600 sheets; 4250tn/4250dn/4250dmsl: 1,100 sheets	4350n: 600 sheets; 4350tn/4350dn/4350dmsl: 1,100 sheets
<b>Input Capacity, Max</b>	3,100 sheets	3,100 sheets
<b>Output Capacity, Std</b>	4250/4250n/4250tn/4250dn: 300 sheets (250 face down, 50 face up); 4250dmsl: 800 sheets (750 face down, 50 face up)	4350n/4350tn/4350dn: 300 sheets (250 face down, 50 face up); 4350dmsl: 800 sheets (750 face down, 50 face up)
<b>Output Capacity, Max</b>	800 sheets	800 sheets
<b>Envelope Input, Std</b>	10	10
<b>Envelope Feeder</b>	Optional, 75 envelopes	Optional, 75 envelopes
<b>Two-Sided Printing</b>	4250/4250n/4250tn: Automatic (optional); 4250dn/4250dmsl: Automatic (standard)	4350n/4350tn: Automatic (optional); 4350dn/4350dmsl: Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, executive, statement, 8.5 x 13 in, envelopes (No. 10, Monarch)	Letter, legal, executive, statement, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 14 in, tray 1; 5.8 x 8.3 in to 8.5 x 14 in, trays 2 and 3	3 x 5 in to 8.5 x 14 in, tray 1; 5.8 x 8.3 in to 8.5 x 14 in, trays 2 and 3
<b>Media Types</b>	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, user-defined	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, user-defined
<b>Media Weights</b>	16 to 53 lb, tray 1; 16 to 32 lb, trays 2 and 3	16 to 53 lb, tray 1; 16 to 32 lb, trays 2 and 3
<b>Memory, Std</b>	4250: 48 MB; 4250n/4250tn: 64 MB; 4250dn/4250dmsl: 80 MB	4350n/4350tn: 80 MB; 4350dn/4350dmsl: 96 MB
<b>Memory, Max</b>	512 MB	512 MB
<b>Typefaces</b>	80 HP Font set	80 HP Font set
<b>Connectivity, Std</b>	4250: IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 2 open EIO slots; 4250n/4250tn/4250dn/4250dmsl: IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless
<b>Prints Color</b>	No	No
<b>Print Quality, Black Best</b>	Up to 1200 dpi	Up to 1200 dpi
<b>Technology, Black Print Resolution</b>	HP RET, ProRes 1200, FastRes 1200	HP RET, ProRes 1200, FastRes 1200
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)
<b>Printer Management</b>	HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server, E-Toolbox	HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server, HP LaserJet Toolbox
<b>Dimensions (W x D x H)</b>	4250/4250n: 16.5 x 17.8 x 14.8 in; 4250tn: 16.5 x 17.8 x 19.6 in; 4250dn: 16.5 x 21 x 19.6 in; 4250dmsl: 16.5 x 21 x 29.1 in	4350n: 16.5 x 17.8 x 14.8 in; 4350tn: 16.5 x 17.8 x 19.6 in; 4350dn: 16.5 x 21 x 19.6 in; 4350dmsl: 16.5 x 21 x 29.1 in
<b>Weight</b>	4250/4250n: 45 lb; 4250tn: 60 lb; 4250dn: 65.5 lb; 4250dmsl: 74.3 lb	4350n: 45 lb; 4350tn: 60 lb; 4350dn: 65.5 lb; 4350dmsl: 74.3 lb
<b>Note:</b>	HP LaserJet Multifunction Products appear in the "HP Multifunction and All-in-One Products" section starting on page 192.	

# HP LaserJet Printer Specifications



5100 • 5100tn • 5100dn  
Q1860A • Q1861A • Q1862A



8150 • 8150n • 8150dn • 8150hn  
C4265A • C4266A • C4267A • C4269A

<b>Print Speed Black, Best Quality, Letter</b>	Up to 21 ppm <sup>1</sup>	Up to 32 ppm
<b>First Page Out</b>	13 secs	17 secs
<b>Processor</b>	300 MHz	250 MHz
<b>Duty Cycle, Monthly</b>	65,000 pages	150,000 pages
<b>Paper Trays, Std</b>	5100: 2; 5100tn/5100dn: 3	8150/8150n/8150dn: 3; 8150hn: 4
<b>Paper Trays, Max</b>	4	8150/8150n/8150dn: 5; 8150hn: 4
<b>Input Capacity, Std</b>	5100: 350 sheets; 5100tn/5100dn: 850 sheets	8150/8150n/8150dn: 1,100 sheets; 8150hn: 3,100 sheets
<b>Input Capacity, Max</b>	1,100 sheets	3,100 sheets
<b>Output Capacity, Std</b>	250 sheets	8150/8150n/8150dn: 600 sheets; 8150hn: 3,600 sheets
<b>Output Capacity, Max</b>	250 sheets	3,600 sheets
<b>Envelope Input, Std</b>	10	10
<b>Envelope Feeder</b>	No	Optional, 100 envelopes
<b>Two-Sided Printing</b>	5100/5100tn: Automatic (optional); 5100dn: Automatic (standard)	8150/8150n: Automatic (optional); 8150dn/8150hn: Automatic (standard)
<b>Media Sizes, Std</b>	Letter, executive, legal, tabloid, envelopes (No. 10)	Letter, legal, executive, tabloid, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 12.3 × 18.5 in, tray 1; 5.8 × 8.2 in to 11 × 17 in, trays 2 and 3	3.9 × 7.5 in to 11.7 × 17.7 in
<b>Media Types</b>	Paper (plain, letterhead, prepunched, bond, color, rough, vellum, preprinted, recycled), transparencies, labels, envelopes, cardstock, user-defined (if using HP Web Jetadmin or HP LaserJet Utility)	Paper (plain, special application, recycled), transparencies, labels, cardstock
<b>Media Weights</b>	5100: 16 to 53 lb (straight-through paper path for special media), tray 1; 16 to 28 lb, tray 2; 5100tn/5100dn: 16 to 53 lb (straight-through paper path for special media), tray 1; 16 to 28 lb, trays 2 and 3	16 to 53 lb; 16 to 28 lb (for two-sided printing)
<b>Memory, Std</b>	5100: 16 MB; 5100tn/5100dn: 32 MB	32 MB
<b>Memory, Max</b>	192 MB	160 MB
<b>Typefaces</b>	80 built-in scalable PCL, 80 internal PostScript	45 TrueType, 35 PostScript
<b>Connectivity, Std</b>	5100: IEEE 1284-compliant bidirectional parallel, 2 open EIO slots; 5100tn/5100dn: IEEE 1284-compliant bidirectional parallel, 1 open EIO slot, HP Jetdirect 620n print server in 1 EIO slot	8150: IEEE 1284-compliant bidirectional parallel, 3 open EIO slots, Foreign Interface Harness (FIH) portal; 8150n/8150dn/8150hn: IEEE 1284-compliant bidirectional parallel, 2 open EIO slots, HP Jetdirect 620n print server in 1 EIO slot, FIH portal
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk
<b>Prints Color</b>	No	No
<b>Print Quality, Black Best</b>	ProRes 1200, 1200 × 1200 dpi	HP FastRes 1200 (1200-dpi quality), 600 dpi
<b>Technology, Black Print Resolution</b>	HP REt, Ultraprecise toner, ProRes 1200, FastRes 1200	HP FastRes 1200, REt, Ultraprecise toner
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP-GL/2, HP postscript level 3 emulation	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation
<b>Printer Management</b>	5100/5100tn: HP Web Jetadmin, HP LaserJet Utility; 5100dn: HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server (EWS) DIMM	HP Web Jetadmin, Web Access
<b>Dimensions (W × D × H)</b>	5100: 19 × 25 × 19 in; 5100tn/5100dn: 19 × 25 × 24 in	8150/8150n/8150dn: 22 × 22 × 21 in; 8150hn: Not available
<b>Weight</b>	5100: 49 lb; 5100tn: 73 lb; 5100dn: 95 lb	8150: 119 lb; 8150n: 121 lb; 8150dn: 131 lb; 8150hn: 249 lb

<sup>1</sup>Speed specifications have been updated to reflect current industry testing methods.

**Note:** HP LaserJet Multifunction Products appear in the "HP Multifunction and All-in-One Products" section starting on page 192.



9050 • 9050n • 9050dn  
Q3721A • Q3722A • Q3723A

<b>Print Speed Black, Best Quality, Letter</b>	Up to 50 ppm
<b>First Page Out</b>	<8 secs
<b>Processor</b>	533 MHz
<b>Duty Cycle, Monthly</b>	300,000 pages
<b>Paper Trays, Std</b>	<b>9050:</b> 2; <b>9050n/9050dn:</b> 3
<b>Paper Trays, Max</b>	4
<b>Input Capacity, Std</b>	<b>9050:</b> 1,000 sheets; <b>9050n/9050dn:</b> 1,100 sheets
<b>Input Capacity, Max</b>	3,100 sheets
<b>Output Capacity, Std</b>	600 sheets
<b>Output Capacity, Max</b>	3,600 sheets (stacker or stapler/stacker option); 2,500 sheets (8-bin mailbox option); 1,600 sheets (multifunction finisher option)
<b>Envelope Input, Std</b>	10
<b>Envelope Feeder</b>	No
<b>Two-Sided Printing</b>	<b>9050/9050n:</b> Automatic (optional); <b>9050dn:</b> Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, tabloid, executive, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3.9 × 7.5 in to 12.3 × 18.5 in, tray 1; 5.8 × 8.3 in to 11.7 × 17 in, trays 2, 3 and 4
<b>Media Types</b>	Paper (plain, preprinted, letterhead, prepunched, bond, color, recycled, rough), transparencies, labels, cardstock
<b>Media Weights</b>	17 to 58 lb, tray 1; 17 to 53 lb, trays 2, 3 and 4
<b>Memory, Std</b>	<b>9050:</b> 64 MB; <b>9050n/9050dn:</b> 128 MB
<b>Memory, Max</b>	512 MB
<b>Typefaces</b>	80 scalable TrueType
<b>Connectivity, Std</b>	<b>9050:</b> IEEE 1284-compliant bidirectional parallel, 2 open EIO slots; <b>9050n/9050dn:</b> IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, 2 open EIO slots
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless
<b>Prints Color</b>	No
<b>Print Quality, Black Best</b>	HP FastRes 1200 (1200-dpi quality), up to 600 × 600 dpi
<b>Technology, Black Print Resolution</b>	HP FastRes 1200, REt
<b>Print Languages, Std</b>	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, PDF 1.3 emulation, XHTML-Print 0.95, PJI, PML
<b>Printer Management</b>	HP Web Jetadmin, HP Embedded Web Server, HP eToolbox
<b>Dimensions (W × D × H)</b>	<b>9050:</b> 39 × 24.9 × 23.6 in; <b>9050n/9050dn:</b> 55 × 24.9 × 23.6 in
<b>Weight</b>	<b>9050/9050n:</b> 140 lb; <b>9050dn:</b> 153 lb
<b>Note:</b> HP LaserJet Multifunction Products appear in the “HP Multifunction and All-in-One Products” section starting on page 192.	



# HP LaserJet Printer Specifications



**2550n  
Q3704A**



**2600n  
Q6455A**

<b>Print Speed Black, Best Quality, Letter</b>	Up to 20 ppm	Up to 8 ppm
<b>Print Speed Color, Best Quality, Letter</b>	Up to 4 ppm	Up to 8 ppm
<b>First Page Out</b>	18 secs black, 29 secs color	<20 secs black and color
<b>Processor</b>	264 MHz	264 MHz
<b>Duty Cycle, Monthly</b>	30,000 pages	Up to 35,000 pages
<b>Paper Trays, Std</b>	2	1 (plus single-sheet input slot)
<b>Paper Trays, Max</b>	3	2 (plus single-sheet input slot)
<b>Input Capacity, Std</b>	375 sheets	250 sheets
<b>Input Capacity, Max</b>	875 sheets	500 sheets
<b>Output Capacity, Std</b>	125 sheets	125 sheets
<b>Output Capacity, Max</b>	125 sheets	125 sheets
<b>Envelope Input, Std</b>	10	10
<b>Envelope Feeder</b>	No	No
<b>Two-Sided Printing</b>	Manual (driver support provided)	Manual (driver support provided)
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10, Monarch)	Letter, legal, executive, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.3 in to 8.5 × 14 in, tray 2	3 × 5 to 8.5 × 14 in
<b>Media Types</b>	Paper (plain, letterhead, prepunched, bond, color, rough, preprinted, recycled), HP Glossy Media, HP Cover Paper, labels, envelopes, cardstock	Paper (plain, letterhead, prepunched, bond, color, rough, preprinted, recycled), HP Glossy Media, HP Matte Media, HP Color Laser Soft Gloss Presentation Paper, HP Color Laser Transparencies, labels, envelopes, cardstock
<b>Media Weights</b>	16 to 47 lb, tray 1; 16 to 28 lb, trays 2 and 3	16 to 47 lb, single-sheet input, tray 1; 16 to 43 lb, tray 2
<b>Memory, Std</b>	64 MB	16 MB
<b>Memory, Max</b>	192 MB	16 MB
<b>Typefaces</b>	80 TrueType internal scalable PCL 6, 80 TrueType internal scalable postscript	Based on installed typefaces on host computer; print engine only has fonts for internal pages and ASCII
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect internal print server	Hi-Speed USB (compatible with USB 2.0 specifications), 1 built-in print server (10/100Base-TX Ethernet/Fast Ethernet, RJ-45)
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers	None
<b>Prints Color</b>	Yes	Yes
<b>Print Quality</b>	HP ImageREt 2400	HP ImageREt 2400
<b>Print Languages, Std</b>	HP PCL 6, HP postscript level 3 emulation	Host-based printing (uses the processing power and resources of a computer to process the print job—no PCL or PostScript)
<b>Printer Management</b>	HP Toolbox, HP Web Jetadmin	HP Toolbox, HP Embedded Web Server
<b>Dimensions (W × D × H)</b>	19 × 18 × 15 in	16.02 × 17.83 × 14.6 in
<b>Weight</b>	54 lb	40.5 lb (with supplies)

**Note:** HP LaserJet Multifunction Products appear in the “HP Multifunction and All-in-One Products” section starting on page 192.



**3000n • 3000dn**  
**Q7534A • Q7535A**



**3600n • 3600dn**  
**Q5987A • Q5988A**

<b>Print Speed Black, Best Quality, Letter<sup>1</sup></b>	Up to 30 ppm	Up to 17 ppm
<b>Print Speed Color, Best Quality, Letter<sup>1</sup></b>	Up to 15 ppm	Up to 17 ppm
<b>First Page Out</b>	Ready state: <12.5 secs; Powersave: (from up to 5 hours): <11 secs; cold start: <79 secs	Ready state: <14 secs; Powersave: (from up to 5 hours): <17 secs; cold start: <101 secs
<b>Processor</b>	533 MHz	360 MHz
<b>Duty Cycle, Monthly</b>	60,000 pages	50,000 pages
<b>Paper Trays, Std</b>	2	2
<b>Paper Trays, Max</b>	3	3
<b>Input Capacity, Std</b>	350 sheets	350 sheets
<b>Input Capacity, Max</b>	850 sheets	850 sheets
<b>Output Capacity, Std</b>	250 sheets	250 sheets
<b>Output Capacity, Max</b>	250 sheets	250 sheets
<b>Envelope Input, Std</b>	10	10
<b>Envelope Feeder</b>	No	No
<b>Two-Sided Printing</b>	<b>3000n:</b> Manual (driver support provided); <b>3000dn:</b> Automatic (standard)	<b>3600n:</b> Manual (driver support provided); <b>3600dn:</b> Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays
<b>Media Types</b>	Paper (plain, glossy), envelopes, transparencies, labels, cardstock	Paper (plain, glossy), envelopes, transparencies, labels, cardstock
<b>Media Weights</b>	16 to 47 lb, multipurpose tray; 16 to 32 lb, 250-sheet and optional 500-sheet input trays	16 to 47 lb, multipurpose tray; 16 to 32 lb, 250-sheet and optional 500-sheet input trays
<b>Memory, Std</b>	<b>3000n:</b> 128 MB; <b>3000dn:</b> 256 MB	<b>3600n:</b> 64 MB; <b>3600dn:</b> 128 MB
<b>Memory, Max</b>	512 MB	<b>3600n:</b> 64 MB; <b>3600dn:</b> 128 MB
<b>Typefaces</b>	80 built-in fonts available for both PCL and Postscript emulation, printer-matching screen fonts in TrueType format available with the software solution	Not applicable
<b>Connectivity, Std</b>	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots, HP Jetdirect Fast Ethernet embedded print server	Hi-Speed USB 2.0 (compatible with USB 2.0 specifications), HP Jetdirect value-featured Fast Ethernet embedded print server
<b>Connectivity, Opt</b>	Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories	HP wireless print servers, Bluetooth wireless printer adapter
<b>Prints Color</b>	Yes	Yes
<b>Print Quality</b>	HP ImageREt 2400	HP ImageREt 3600
<b>Print Languages, Std</b>	HP PCL 5c, HP PCL 6, HP Postscript emulation	HP JetReady 4.2 Page Description Language (host-based printing)
<b>Printer Management</b>	HP Web Jetadmin, HP Easy Printer Care Software, HP Embedded Web Server, HP Printer Utility (Macintosh)	HP Web Jetadmin, HP Easy Printer Care Software, HP Printer Utility (Mac)
<b>Dimensions (W × D × H)</b>	<b>3000n:</b> 15.7 × 17.7 × 15.7 in; <b>3000dn:</b> 15.7 × 17.7 × 16.7 in	<b>3600n:</b> 15.7 × 17.7 × 15.7 in; <b>3600dn:</b> 15.7 × 17.7 × 16.7 in
<b>Weight</b>	<b>3000n:</b> 59.6 lb (includes print cartridge); <b>3000dn:</b> 61.6 lb (includes print cartridge)	<b>3600n:</b> 59.6 lb (includes print cartridge); <b>3600dn:</b> 61.6 lb (includes print cartridge)

<sup>1</sup>Approximate figures. Exact speed will vary depending on the print settings, system configuration, software program and document complexity.

**Note:** HP LaserJet Multifunction Products appear in the "HP Multifunction and All-in-One Products" section starting on page 192.

# HP LaserJet Printer Specifications



3800 • 3800n • 3800dn • 3800dm  
Q5981A • Q5982A • Q5983A • Q5984A



4700n • 4700dn • 4700dm • 4700ph+  
Q7492A • Q7493A • Q7494A • Q7495A

<b>Print Speed Black, Best Quality, Letter<sup>1</sup></b>	Up to 22 ppm	Up to 31 ppm
<b>Print Speed Color, Best Quality, Letter<sup>1</sup></b>	Up to 22 ppm	Up to 31 ppm
<b>First Page Out</b>	Ready state: <12 secs; Powersave: (from up to 5 hours): <14 secs; cold start: <86 secs	Ready state: <10 secs; Powersave (from up to 5 hours): <16.5 secs; cold start: 142 secs
<b>Processor</b>	533 MHz	533 MHz
<b>Duty Cycle, Monthly</b>	65,000 pages	100,000 pages
<b>Paper Trays, Std</b>	3800/3800n/3800dn: 2; 3800dm: 3	4700n/4700dn: 2; 4700dm: 4; 4700ph+: 6
<b>Paper Trays, Max</b>	3	6
<b>Input Capacity, Std</b>	3800/3800n/3800dn: 350 sheets; 3800dm: 850 sheets	4700n/4700dn: 600 sheets; 4700dm: Up to 1600; 4700ph+: 2600
<b>Input Capacity, Max</b>	850 sheets	2,600 sheets
<b>Output Capacity, Std</b>	250 sheets	4700n/4700dn/4700dm: 500 sheets face-down output bin; 4700ph+: Up to 750 (with stapler/stacker)
<b>Output Capacity, Max</b>	250 sheets	750 sheets
<b>Envelope Input, Std</b>	10	20
<b>Envelope Feeder</b>	No	No
<b>Two-Sided Printing</b>	3800/3800n: Manual (driver support provided); 3800d/3800dm: Automatic (standard)	4700n: Yes, manual; 4700dn/4700dm/4700ph+: Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, statement, executive, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 500-sheet input trays
<b>Media Types</b>	Paper (plain, glossy), envelopes, transparencies, labels, cardstock	Multipurpose tray: paper (plain, glossy, colored, preprinted, letterhead, recycled, tough, high-gloss laser), envelopes, transparencies, labels, cardstock; 500-sheet input trays: paper (plain, glossy, colored, preprinted, letterhead, recycled, tough)
<b>Media Weights</b>	16 to 47 lb, multipurpose tray; 16 to 32 lb, 250-sheet and optional 500-sheet input trays	16 to 58 lb bond, multipurpose tray; 16 to 32 lb bond, 500-sheet input trays
<b>Memory, Std</b>	3800: 96 MB; 3800n: 160 MB; 3800dn/3800dm: 288 MB	4700n: 160 MB (128 MB DDR SDRAM, 32 MB Flash memory); 4700dn/4700dm: 288 MB (256 MB DDR SDRAM, 32 MB Flash memory); 4700ph+: 544 MB (512 MB DDR SDRAM, 32 MB Flash memory)
<b>Memory, Max</b>	544 MB	544 MB (512 MB DDR SDRAM, 32 MB Flash memory on the formatter)
<b>Typefaces</b>	Not applicable	93 internal TrueType fonts scalable in HP PCL and HP Postscript Level 3 emulation; additional font solutions available via Flash memory
<b>Connectivity, Std</b>	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots; 3800n/3800dn/3800dm: HP Jetdirect Fast Ethernet embedded print server	IEEE 1284C-compliant bidirectional parallel port, USB 2.0 Hi-Speed port (compatible with USB 2.0 specifications), 2 open EIO slots, foreign interface port, accessory port for third-party solutions
<b>Connectivity, Opt</b>	Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories; 3800: HP Jetdirect Fast Ethernet print servers	HP Jetdirect internal and external print servers, HP wireless print servers, Bluetooth wireless printer adapter
<b>Prints Color</b>	Yes	Yes
<b>Print Quality</b>	HP ImageREt 3600	HP ImageREt 3600
<b>Print Languages, Std</b>	HP PCL 5c, HP PCL 6, HP Postscript Level 3 emulation	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing v 1.4
<b>Printer Management</b>	HP Web Jetadmin, HP Easy Printer Care software, HP Embedded Web Server, HP LaserJet Utility (Macintosh)	HP Embedded Web Server, HP Web Jetadmin, HP Easy Printer Care Software, HP LaserJet Utility
<b>Dimensions (W × D × H)</b>	3800/3800n: 15.7 × 17.7 × 15.7 in; 3800dm: 15.7 × 17.7 × 16.7 in; 3800dn: 15.7 × 17.7 × 22.2 in	4700n: 20.5 × 23.5 × 22.9 in; 4700dn: 20.5 × 23.5 × 24.7 in; 4700dm: 24.8 × 28.2 × 39.8 in; 4700ph+: 24.8 × 28.2 × 54.2 in
<b>Weight</b>	3800/3800n: 59.6 lb (includes print cartridge); 3800dn: 61.6 lb (includes print cartridge); 3800dm: 74.1 lb (includes print cartridge)	4700n: 105.1 lb; 4700dn: 107.8 lb; 4700dm: 230 lb; 4700ph+: 287.7 lb

<sup>1</sup>Approximate figures. Exact speed will vary depending on the print settings, system configuration, software program and document complexity.

**Note:** HP LaserJet Multifunction Products appear in the "HP Multifunction and All-in-One Products" section starting on page 192.



5550n • 5550dn • 5550dtn • 5550hdn  
Q3714A • Q3715A • Q3716A • Q3717A



9500n • 9500hdn  
C8546A • C8547A

Print Speed Black, Best Quality, Letter	Up to 27 ppm	Up to 24 ppm
Print Speed Color, Best Quality, Letter	Up to 27 ppm	Up to 24 ppm
First Page Out	<16 secs	Ready state: 17.5 secs; Powersave (idle less than 1 hour): 2.5 mins; cold start or power-up: 5.9 mins
Processor	533 MHz	500 MHz
Duty Cycle, Monthly	120,000 pages	200,000 pages
Paper Trays, Std	5550n/5550dn: 2; 5550dtn: 3; 5550hdn: 5	9500n: 3; 9500hdn: 4
Paper Trays, Max	5	9500n: 3; 9500hdn: 4
Input Capacity, Std	5550n/5550dn: 600 sheets; 5550dtn: 1,100 sheets; 5550hdn: 2,100 sheets	9500n: 1,100 sheets; 9500hdn: 3,100 sheets
Input Capacity, Max	2,100 sheets	9500n: 1,100 sheets; 9500hdn: 3,100 sheets
Output Capacity, Std	250 sheets	600 sheets
Output Capacity, Max	250 sheets	9500n: 600 sheets; 9500hdn: 3,500 sheets
Envelope Input, Std	20	10
Envelope Feeder	No	No
Two-Sided Printing	5550: Manual (driver support provided); 5550dn/5550dtn/5550hdn: Automatic (standard)	9500n: Automatic (optional); 9500hdn: Automatic (standard)
Media Sizes, Std	Letter, legal, executive, ledger, envelopes (No. 10, Monarch), statement	Letter, legal, executive, tabloid, foolscap, envelopes
Media Sizes, Custom	3 x 5 in to 12.05 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3, 4 and 5	3.9 x 7.5 in to 12.1 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3; 7.2 x 8.3 in to 11.7 x 17 in, tray 4
Media Types	Paper (plain, light, intermediate, heavy, extra heavy, glossy, heavy glossy, high gloss, tough, recycled), envelopes, transparencies, labels, cardstock	Paper (plain, glossy, bond, tough, recycled, color, light), envelopes, transparencies, labels, cardstock
Media Weights	16 to 53 lb, tray 1; 16 to 32 lb, trays 2, 3, 4 and 5	17 to 58 lb, tray 1; 17 to 53 lb, trays 2, 3 and 4
Memory, Std	5550n/5550dn: 160 MB; 5550dtn/5550hdn: 288 MB	9500n: 160 MB; 9500hdn: 288 MB
Memory, Max	544 MB	416 MB
Typefaces	80 internal scalable PCL, 92 internal scalable PostScript	80 built-in scalable PCL, 80 built-in scalable PostScript
Connectivity, Std	5550n/5550dn/5550dtn: IEEE 1284-compliant bidirectional parallel, USB 1.1, Jetlink, HP Jetdirect 620n in EIO slot, 2 open EIO slots; 5550hdn: IEEE 1284-compliant bidirectional parallel, USB 1.1, Jetlink, HP Jetdirect 620n in EIO slot, 20 GB EIO hard disk in EIO slot, 1 open EIO slot	9500n: IEEE 1284-compliant bidirectional parallel, Jetlink, HP Jetdirect 620n print server in EIO slot, 2 open EIO slots; 9500hdn: IEEE 1284-compliant bidirectional parallel, Jetlink, HP Jetdirect 620n print server in EIO slot, hard disk in EIO slot, 1 open EIO slot
Connectivity, Opt	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk
Prints Color	Yes	Yes
Print Quality	HP ImageREt 3600	HP ImageREt 4800
Print Languages, Std	HP PCL 6, HP PCL 5c (available from the web), HP postscript level 3 emulation, native PDF printing (v1.3)	HP PCL 5c, PCL 6, HP postscript level 3 emulation, direct PDF
Printer Management	HP Web Jetadmin, HP Embedded Web Server, HP eToolbox	HP Web Jetadmin, HP Embedded Web Server, HP LaserJet Utility
Dimensions (W x D x H)	5550n/5550dn: 22.7 x 27.7 x 25.2 in; 5550dtn: 24.8 x 28.25 x 32.8 in; 5550hdn: 24.8 x 28.25 x 43.2 in	9500n: 27 x 30 x 35 in; 9500hdn: 27 x 30 x 48 in
Weight	5550n/5550dn: 114 lb; 5550dtn: 246 lb; 5550hdn: 312 lb	9500n: 221 lb; 9500hdn: 287 lb

**Note:** HP LaserJet Multifunction Products appear in the “HP Multifunction and All-in-One Products” section starting on page 192.

# HP LaserJet 1020 Printer

*The most affordable and compact HP LaserJet printer is a welcome addition to any office environment.*

## Product pointers

- Produces crisp, clean, 1200 dpi-like quality [600 dpi with HP Resolution Enhancement technology (REt) and FastRes 1200], all in a reliable, economical, space-saving design.
- Save valuable workspace with the smallest LaserJet printer available. Delivers the first page of every print job in a fast 10 seconds and prints at up to 15 ppm.
- With easy installation and simple supplies replacement, the printer delivers high-quality, low-maintenance printing at an affordable price.
- Reliable and consistent, the printer and print cartridge are designed for low-cost, low-maintenance performance. The robust duty cycle and 1 year limited warranty give you the durability you expect from a laser printer.

## Ordering information

<b>Model Number</b>	<b>1020</b>
<b>Commercial</b>	Q5911A (ABA)
<b>Canada</b>	Q5911A (ABA)

## Compatibility

<b>Operating System</b>	<b>1020</b>
<b>Standard Desktop</b>	
Windows 98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•



HP LaserJet 1020

## In the box

- Print cartridge
- Getting started guide
- Software and printer documentation on CD-ROM
- Power cord

## Software

- Print drivers (includes host-based drivers)

## Shipping weight and shipping dimensions

- 1020 15.8 lb 19.69 x 11.82 x 13.59 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited

### HP Care Pack options

- Next Day Exchange: 3 years U6490E
- Post Warranty Service, Next Day Exchange: 1 years U8014PE
- Next Day Exchange 1-time: 2 years UC745E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0788ENUC

### Service

- Drivers: [www.hp.com/support/lj1020](http://www.hp.com/support/lj1020)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

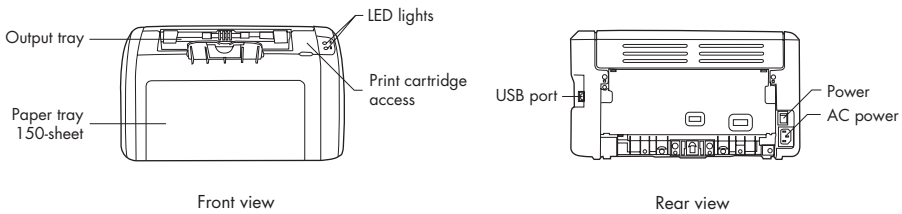
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- See page 92 for complete specifications and comparisons to other HP LaserJet Printers.

1020	
Product Number	Q5911A
Print Speed Black, Best Quality, Letter	Up to 15 ppm
First Page Out	Less than 10 secs
Processor	234 MHz
Duty Cycle, Monthly	5,000 pages
Paper Trays, Std	1 (plus single-sheet input slot)
Paper Trays, Max	1 (plus single-sheet input slot)
Input Capacity, Std	150 sheets
Input Capacity, Max	150 sheets
Output Capacity, Std	100 sheets
Two-Sided Printing	Manual (driver support provided)
Media Sizes, Std	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)
Media Sizes, Custom	5.8 x 8.27 in to 8.5 x 14 in, main tray; 3 x 5 in to 8.5 x 14 in, input slot
Memory, Std	2 MB
Memory, Max	2 MB
Connectivity, Std	Hi-Speed USB 2.0
Connectivity, Opt	None
Technology, Black Print Resolution	HP Resolution Enhancement technology (REI), FastRes 1200
Print Languages, Std	Host-based printing
Dimensions (W x D x H)	14.6 x 9.5 x 8.2 in
Weight	11 lb

## HP LaserJet 1020



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Ultraprecise Technology (2,000 standard pages<sup>1</sup>) Q2612A

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 x 2 5/8 in (3,000 labels) Q2588A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Soft Font 36596B C06
- Tax 1 Soft Font 36596B 00T

### Cables

- USB Cable, A-B, 2-Meter C6518A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 1022, 1022n and 1022nw Printer

Get great results with this compact, black and white printer designed for quick business printing.



HP LaserJet 1022nw

## Product pointers

- With Instant-on technology, the first page prints in 8 seconds so your print job is finished before many printers have even started printing.
- HP Resolution Enhancement technology (REt) and 8 MB of RAM produce crisp, clear 1200 dpi output that displays professional quality in all business documents (using genuine HP supplies ensures availability of all HP printing features).
- Save valuable workspace with one of the smallest laser printers available. Fits into just the right space to satisfy professional-quality business printing needs.
- Reliable and consistent, the printer and print cartridges are designed for low-cost, low-maintenance performance. The robust duty cycle and 1 year limited warranty give the durability expected from a laser printer.

## Ordering information

Model Number	1022	1022n	1022nw
Commercial	Q5912A (ABA)	Q5913A (ABA)	Q5914A (ABA)
Canada	Q5912A (ABA)	Q5913A (ABA)	Q5914A (ABA)

## Compatibility

Operating System	1022	1022n	1022nw
<b>Standard Desktop</b>			
Windows 98 SE	•	•	•
Windows 2000	•	•	•
Windows XP	•	•	•
Windows Me	•	•	•
Mac OS X 10.2 and later	•	•	•
<b>Standard Network</b>			
Windows 2000	—	•	•
Windows Me	—	•	•
Windows XP	—	•	•
Mac OS	—	•	•
<b>Optional</b>			
Desktop/Network	Same as Standard Network on 1022n via HP Jetdirect print servers	—	—

## In the box

- Print cartridge
- Power cord
- User's guide
- Printer documentation and software on CD-ROM
- 250-sheet input tray
- 10-sheet priority input tray

## Software

- Print drivers (includes HP PCL 5e or host-based printing)

## Shipping weight and shipping dimensions

- 1022 17 lb 19.61 × 13.04 × 14.26 in
- 1022n 17 lb 19.61 × 13.04 × 14.26 in
- 1022nw 17 lb 19.61 × 13.04 × 14.26 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:
  - ew2400, 802.11b/g J7951A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited
- **HP Care Pack options**
- Next Day Exchange:
  - 3 years U6490E
- Post Warranty Service,
  - Next Day Exchange:
    - 1 years U8014PE
- Next Day Exchange 1-time:
  - 2 years UC745E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0789ENUC

### Service

- Drivers: [www.hp.com/support/lj1022](http://www.hp.com/support/lj1022)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

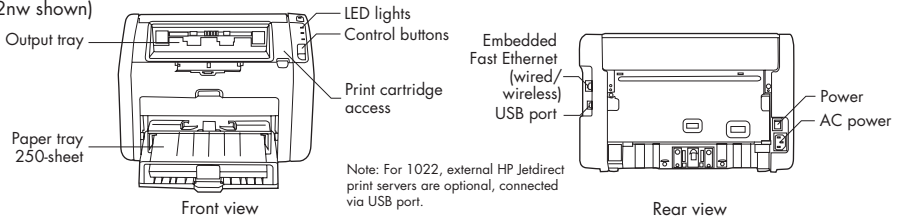
## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 92 for complete specifications and comparisons to other HP LaserJet Printers.

	1022	1022n	1022nw
<b>Product Number</b>	<b>Q5912A</b>	<b>Q5913A</b>	<b>Q5914A</b>
<b>Print Speed Black, Best Quality, Letter</b>	Up to 19 ppm	Up to 19 ppm	Up to 19 ppm
<b>First Page Out</b>	Less than 8 secs	Less than 8 secs	Less than 8 secs
<b>Processor</b>	266 MHz	266 MHz	266 MHz
<b>Duty Cycle, Monthly</b>	8,000 pages	8,000 pages	8,000 pages
<b>Paper Trays, Std</b>	1 (plus 10-sheet priority input tray)	1 (plus 10-sheet priority input tray)	1 (plus 10-sheet priority input tray)
<b>Paper Trays, Max</b>	1 (plus 10-sheet priority input tray)	1 (plus 10-sheet priority input tray)	1 (plus 10-sheet priority input tray)
<b>Input Capacity, Std</b>	250 sheets (plus 10 sheets in priority input tray)	250 sheets (plus 10 sheets in priority input tray)	250 sheets (plus 10 sheets in priority input tray)
<b>Input Capacity, Max</b>	250 sheets (plus 10 sheets in priority input tray)	250 sheets (plus 10 sheets in priority input tray)	250 sheets (plus 10 sheets in priority input tray)
<b>Output Capacity, Std</b>	150 sheets (face down bin)	150 sheets (face down bin)	150 sheets (face down bin)
<b>Two-Sided Printing</b>	Manual (driver support provided)	Manual (driver support provided)	Manual (driver support provided)
<b>Media Sizes, Std</b>	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in
<b>Memory, Std</b>	8 MB	8 MB	8 MB
<b>Memory, Max</b>	8 MB	8 MB	8 MB
<b>Connectivity, Std</b>	<b>Hi-Speed USB (compatible with 2.0 specifications)</b>	<b>Hi-Speed USB (compatible with USB 2.0 specifications), HP Jetdirect 10/100 Fast Ethernet embedded print server</b>	<b>Hi-Speed USB (compatible with USB 2.0 specifications), HP Jetdirect 10/100 Fast Ethernet embedded print server, HP Jetdirect 802.11b/g wireless Ethernet embedded print server</b>
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless	HP Jetdirect external and wireless print servers, Bluetooth wireless	HP Jetdirect external and wireless print servers, Bluetooth wireless
<b>Technology, Black Print Resolution</b>	HP Resolution Enhancement technology (REt), ProRes 1200, FastRes 1200	HP Resolution Enhancement technology (REt), ProRes 1200, FastRes 1200	HP Resolution Enhancement technology (REt), ProRes 1200, FastRes 1200
<b>Print Languages, Std</b>	HP PCL 5e, host-based printing	HP PCL 5e, host-based printing	HP PCL 5e, host-based printing
<b>Dimensions (W × D × H)</b>	14.6 × 9.6 × 9.5 in	14.6 × 9.6 × 9.5 in	14.6 × 9.6 × 9.5 in
<b>Weight</b>	12.1 lb	12.1 lb	12.1 lb

## HP LaserJet 1022 series

(1022nw shown)



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Ultraprecise Technology (2,000 standard pages<sup>1</sup>) Q2612A

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124, Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 × 2 5/8 in (3,000 labels) Q2588A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Soft Font 36596B C06
- Tax 1 Soft Font 36596B O0T

### Cables

- USB Cable, A-B, 2-Meter C6518A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.



# HP LaserJet 1160 Printer

Rely on this high-quality, black and white printer with easy compatibility and a great price.

## Product pointers

- Easily fits in your office environment, supporting a wide range of operating systems and offering simple connectivity via USB and parallel ports.
- Get professional-looking documents, featuring 1200-dpi effective output quality (600 × 600 dpi using REt and FastRes 1200). And with Instant-on Technology and up to 20 ppm, your print job is finished before many printers have even started printing.
- Provides the dependable, high-quality output you have come to expect from HP—along with the performance you need—all at an affordable price.

## Ordering information

Model Number	1160	1160Le <sup>1</sup>
Commercial	Q5933A	Q5917A
Canada	Q5933A (ABA)	Q5917A (ABA)

<sup>1</sup>Printer has a black exterior and includes a USB cable in the box.

## Compatibility

Operating System	1160
<b>Standard Desktop</b>	
Windows 98	•
Windows NT 4.0	• <sup>1</sup>
Windows 2000	•
Windows XP/XP 64-bit	• <sup>1</sup>
Windows Me	•
Windows Server 2003	•
Mac OS 9	•
Mac OS X 10.1, 10.2, 10.3	•
<b>Optional</b>	
Desktop/Network	Windows [98, Me, NT 4.0 (printer driver only), 2000, XP 32-bit/64-bit (printer driver only), Server 2003], Mac (OS 9; OS X 10.1, 10.2, 10.3) via HP Jetdirect print servers

<sup>1</sup>Printer driver only.



HP LaserJet 1160

## In the box

- Print cartridge
- Power cord
- Printer documentation and software on CD-ROM
- User's guide

## Software

- Control panel simulator
- HP Installer/Uninstaller
- HP Toolbox
- Print drivers

## Shipping weight and shipping dimensions

- 1160 30.9 lb 19.69 × 15.75 × 19.61 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect external:
 

170x, 10Base-T (1-port)	J3258C
175x, 10/100Base-TX (1-port)	J6035D
300x, 10/100Base-TX (1-port)	J3263A
500x, 10/100Base-TX (3-port)	J3265A
en3700, 10/100Base-TX (3-port)	J7942A
- HP Jetdirect wireless:
 

ew2400, 802.11b/g	J7951A
380x, 802.11b	J6061A
- Bluetooth wireless:
 

bt1300, print adapter	J6072A
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## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Return to HP Authorized Service Center
- ### HP Care Pack options
- Next Day Exchange:
 

3 years	H5465E
---------	--------
  - Next Business Day Response:
 

3 years	H5473E
---------	--------
  - Installation Service:
 

1 printer, 1 incident	H4513E
1 network configuration	H3110E
  - Post Warranty Service, Next Day Exchange:
 

1 year	H5738PE
--------	---------
  - Post Warranty Service, Next Business Day Response:
 

1 year	H2639PE
--------	---------

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-6845ENUC

### Service

- Drivers: [www.hp.com/support/lj1160](http://www.hp.com/support/lj1160)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

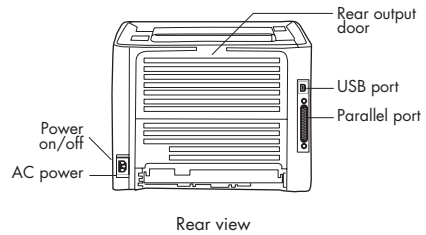
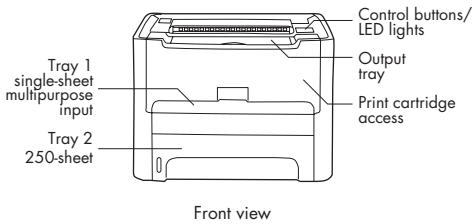
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- See page 93 for complete specifications and comparisons to other HP LaserJet Printers.

1160	
<b>Product Number</b>	Q5933A
<b>Print Speed Black, Best Quality, Letter</b>	Up to 20 ppm
<b>First Page Out</b>	<8.5 secs
<b>Processor</b>	133 MHz
<b>Paper Trays, Std</b>	1 (plus single-sheet input slot)
<b>Paper Trays, Max</b>	1 (plus single-sheet input slot)
<b>Input Capacity, Std</b>	250 sheets
<b>Input Capacity, Max</b>	250 sheets
<b>Output Capacity, Std</b>	125 sheets face down bin, rear output door for special access
<b>Duty Cycle, Monthly</b>	10,000 pages
<b>Two-Sided Printing</b>	Manual (driver support provided)
<b>Media Sizes, Std</b>	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 14 in
<b>Memory, Std</b>	16 MB
<b>Memory, Max</b>	16 MB
<b>Connectivity, Std</b>	USB (USB 2.0 compatible), IEEE 1284-compliant bidirectional parallel
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless
<b>Technology, Black Print Resolution</b>	HP RET, FastRes 1200
<b>Print Languages, Std</b>	HP PCL 5e, host-based printing

### HP LaserJet 1160



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (2,500 standard pages<sup>1</sup>) Q5949A

#### Media

- HP LaserJet Paper:
  - Letter (500 sheets) HPJ1124
  - Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 x 2 5/8 in (3,000 labels) Q2588A

#### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Soft Font 36596B C06
- Tax 1 Soft Font 36596B 00T

#### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 1320, 1320t, 1320n, 1320nw and 1320tn Printer

Ideal for business individuals and small work teams who need to quickly produce professional documents.

## Product pointers

- Features printing at up to 22 ppm and Instant-on technology, so your print job is finished before many printers have even started printing.
- Keep your business documents looking their best. Produce professional, high-quality documents every time you print with 1200 dpi and HP printing supplies.
- Offers an array of features that give your business the flexibility it needs. Take advantage of built-in wired or wireless networking (optional on 1320 and 1320t), automatic two-sided printing, expandable memory and HP Smart printing (using genuine HP supplies ensures availability of all HP printing features).

## Ordering information

Model Number	1320	1320t	1320n	1320nw	1320tn
Commercial	Q5927A	Q7589A	Q5928A	Q5929A	Q5930A
Canada	Q5927A (ABA)	Q7589A (ABA)	Q5928A (ABA)	Q5929A (ABA)	Q5930A (ABA)

## Compatibility

Operating System	1320	1320t	1320n	1320nw	1320tn
<b>Standard Desktop</b>					
Windows 98	•	•	•	•	•
Windows NT 4.0 <sup>1</sup>	•	•	•	•	•
Windows 2000	•	•	•	•	•
Windows XP/XP 64-bit <sup>1</sup>	•	•	•	•	•
Windows Me	•	•	•	•	•
Windows Server 2003	•	•	•	•	•
Mac OS 9	•	•	•	•	•
Mac OS X 10.1, 10.2, 10.3	•	•	•	•	•
<b>Standard Network</b>					
Windows NT 4.0 <sup>1</sup>	—	—	•	•	•
Windows Server 2003	—	—	•	•	•
Windows XP/XP 64-bit <sup>1</sup>	—	—	•	•	•
Mac OS	—	—	•	•	•
Other	—	—	Citrix Meta- Frame, Windows Terminal Services	Citrix Meta- Frame, Windows Terminal Services	Citrix Meta- Frame, Windows Terminal Services
<b>Optional</b>					
Desktop/Network	Same as Standard Network on 1320n via HP Jetdirect print servers	Same as Standard Network on 1320n via HP Jetdirect print servers	—	—	—

<sup>1</sup>Windows NT 4.0 and XP 64-bit: Printer driver only.



HP LaserJet 1320tn

## In the box

### All models:

- Print cartridge
- Getting started guide
- Power cord
- Software and user's guide on CD-ROM

### 1320t, 1320tn only:

- Additional 250-sheet input tray

## Software

- Print drivers and installation software on CD-ROM (HP PCL 5e, HP PCL 6, HP postscript level 2 emulation)
- HP Toolbox
- HP Embedded Web Server
- Control panel simulator

## Shipping weight and shipping dimensions

- |          |         |                          |
|----------|---------|--------------------------|
| • 1320   | 30.9 lb | 19.69 × 15.75 × 19.61 in |
| • 1320t  | 39.6 lb | 20.99 × 19.41 × 19.61 in |
| • 1320n  | 31.1 lb | 19.69 × 15.75 × 19.61 in |
| • 1320nw | 31.1 lb | 19.69 × 15.75 × 19.61 in |
| • 1320tn | 39.6 lb | 20.99 × 19.41 × 19.61 in |

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect external:
 

170x, 10Base-T (1-port)	J3258C
175x, 10/100Base-TX (1-port)	J6035D
300x, 10/100Base-TX (1-port)	J3263A
500x, 10/100Base-TX (3-port)	J3265A
en3700, 10/100Base-TX (3-port)	J7942A
- HP Jetdirect wireless:
 

ew2400, 802.11b/g	J7951A
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- Bluetooth wireless:
 

bt1300, print adapter	J6072A
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## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:
 

3 years	H5465E
---------	--------
- Next Business Day Response:
 

3 years	H5473E
---------	--------
- Installation Service:
 

1 printer, 1 incident	H4513E
1 network configuration	H3110E
- Post Warranty Service, Next Day Exchange:
 

1 year	H5738PE
--------	---------
- Post Warranty Service, Next Business Day Response:
 

1 year	H2639PE
--------	---------

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-6846ENUC

### Service

- Drivers: [www.hp.com/support/lj1320](http://www.hp.com/support/lj1320)
- Third-party solutions
- [www.hpjsc.com](http://www.hpjsc.com)

### Reseller

- <http://hp.com/partners/us>
- Supplies and accessories
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

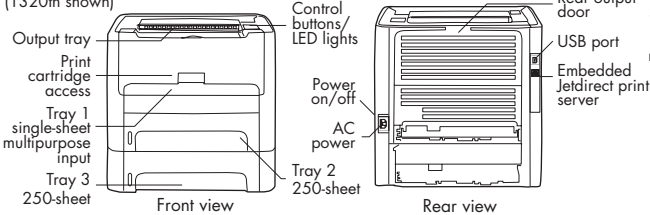
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 93 for complete specifications and comparisons to other HP LaserJet Printers.

	1320	1320t	1320n	1320nw	1320tn
<b>Product Number</b>	<b>Q5927A</b>	<b>Q7589A</b>	<b>Q5928A</b>	<b>Q5929A</b>	<b>Q5930A</b>
<b>Print Speed Black, Best Quality, Letter</b>	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm
<b>First Page Out</b>	<8.5 secs	<8.5 secs	<8.5 secs	<8.5 secs	<8.5 secs
<b>Processor</b>	133 MHz	133 MHz	133 MHz	133 MHz	133 MHz
<b>Duty Cycle, Monthly</b>	10,000 pages	10,000 pages	10,000 pages	10,000 pages	10,000 pages
<b>Paper Trays, Std</b>	<b>1 (plus single-sheet input slot)</b>	<b>2 (plus single-sheet input slot)</b>	<b>1 (plus single-sheet input slot)</b>	<b>1 (plus single-sheet input slot)</b>	<b>2 (plus single-sheet input slot)</b>
<b>Paper Trays, Max</b>	2 (plus single-sheet input slot)	2 (plus single-sheet input slot)	2 (plus single-sheet input slot)	2 (plus single-sheet input slot)	2 (plus single-sheet input slot)
<b>Input Capacity, Std</b>	<b>250 sheets</b>	<b>500 sheets</b>	<b>250 sheets</b>	<b>250 sheets</b>	<b>500 sheets</b>
<b>Input Capacity, Max</b>	500 sheets	500 sheets	500 sheets	500 sheets	500 sheets
<b>Output Capacity, Std</b>	125 sheets	125 sheets	125 sheets	125 sheets	125 sheets
<b>Two-Sided Printing</b>	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)	Letter, legal, executive, index cards, envelopes (No. 10, Monarch)
<b>Memory, Std</b>	16 MB	16 MB	16 MB	16 MB	16 MB
<b>Memory, Max</b>	144 MB	144 MB	144 MB	144 MB	144 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB (compatible with USB 2.0 specifications)	IEEE 1284-compliant bidirectional parallel, USB (compatible with USB 2.0 specifications)	USB (compatible with USB 2.0 specifications), HP Jetdirect Fast Ethernet embedded print server	USB (compatible with USB 2.0 specifications), HP Jetdirect Fast Ethernet embedded print server, HP Jetdirect 802.11b/g wireless Ethernet embedded print server	USB (compatible with USB 2.0 specifications), HP Jetdirect Fast Ethernet embedded print server
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless	HP Jetdirect external and wireless print servers, Bluetooth wireless	HP Jetdirect external and wireless print servers, Bluetooth wireless	HP Jetdirect external and wireless print servers, Bluetooth wireless	HP Jetdirect external and wireless print servers, Bluetooth wireless
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation

### HP LaserJet 1320 series

(1320n shown)



### Memory map

**1320 • 1320t • 1320n • 1320nw • 1320tn**

144 MB Maximum Usable Memory/1 Slots



Note: For 1320, 1320n and 1320nw, tray 2 is optional. For 1320 and 1320t, Jetdirect print server is optional.

## Supplies and accessories

See pages 318–319 for additional information on printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (2,500 standard pages<sup>1</sup>) Q5949A
- HP LaserJet Black Print Cartridge with Smart Printing Technology (6,000 standard pages<sup>1</sup>) Q5949X
- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- HP LaserJet Paper: Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 x 2 5/8 in (3,000 labels) Q2588A

### LaserJet font solutions

These and many other font products are available only from HP at:

- 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)
- Barcodes and More DIMM 36596C C06
  - Tax 1 DIMM 36596C 00T
  - MICR DIMM 36596C 612
  - Scalable Barcode 39 DIMM 36596CT 0W1
  - 4 in 1 Scalable Barcode DIMM 36596CT 0104

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables: 2-Meter C2950A, 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Memory and mass storage

- SDRAM DIMM (100-pin): 8 MB C7842A, 16 MB C7843A, 32 MB C7845A, 64 MB Q1887A, 128 MB C9121A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 2420, 2420d, 2420dn, 2430, 2430n, 2430tn and 2430dtn Printer

Small and medium businesses will experience lasting value with this reliable, easy to use printer.



HP LaserJet 2430dtn

## Product pointers

- Enhance the impression you create with 1200 × 1200 ProRes image quality and HP Smart printing technology (using genuine HP supplies ensures availability of all HP printing features), enabling crisp, clear detail on a variety of media. HP supplies are easy to use and maintain for a time-saving, cost-effective solution.
- Get more for your money with value-packed features for greater cost savings, up to 850-sheet input capacity for lower intervention, and print speeds up to 35 ppm (30 ppm for 2420 models) make the printer ideal for small and medium businesses.
- This printer series is easy to use and maintain with an intuitive two-line graphical control panel. Industry-leading HP Jetdirect and HP Web Jetadmin options offer easy network configuration and remote management.

## Ordering information

Model Number	2420* 2420d	2420dn	2430* 2430n	2430tn	2430dtn
Commercial	Q5956A/ Q5957A	Q5959A	Q5954A/ Q5964A	Q5961A	Q5962A
Canada	Q5956A (ABA)/ Q5957A (ABA)	Q5959A (ABA)	Q5954A (ABA)/ Q5964A (ABA)	Q5961A (ABA)	Q5962A (ABA)

## Compatibility

Operating System	2420*2420d* 2430	2420dn	2430n*2430tn* 2430dtn
<b>Standard Desktop</b>			
Windows 98	•	•	•
Windows NT 4.0	• <sup>1</sup>	• <sup>1</sup>	• <sup>1</sup>
Windows 2000/Me/XP	•	•	•
Windows Server 2003	•	•	•
Mac OS 9 and later	•	•	•
Mac OS X 10.1 and later	•	•	•
<b>Standard Network</b>			
Windows NT 4.0	—	• <sup>1</sup>	• <sup>1</sup>
Windows Server 2003	—	•	•
Windows XP/XP 64-bit	—	•	•
NetWare	—	•	•
UNIX (HP-UX, Solaris)	—	•	•
Linux (Red Hat, SuSE)	—	•	•
Mac OS	—	•	•
Other	—	IBM AIX (3.2.5 and later), MPE-iX, Citrix Meta-Frame, Windows Terminal Services	IBM AIX (3.2.5 and later), MPE-iX, Citrix Meta-Frame, Windows Terminal Services
<b>Optional</b>			
Desktop/Network	Same as Standard Network on 2420dn via HP Jetdirect print servers	OS/2, HP OpenVMS	OS/2, HP OpenVMS

<sup>1</sup>Parallel and network connections only.

## In the box

### All models:

- Print cartridge
- Power cord
- Software and documentation on CD-ROM
- Start guide
- Support flyer

### 2430tn, 2430dtn only:

- Additional 500-sheet input tray

## Software

- HP LaserJet Toolbox
- HP LaserJet Utility (Mac)
- HP postscript level 3 emulation (Windows 98, 2000, Me, NT 4.0, XP, Server 2003)
- PCL 5e and PCL 6 (Windows 95, 98, 2000, Me, NT 4.0, XP)
- PostScript Printer Description files (Mac)
- Printer Dialog Extensions (Mac)
- Windows and Mac installers

## Shipping weight and shipping dimensions

•2420	41.9 lb	19.69 × 23.63 × 14.1 in
•2420d	41.9 lb	19.69 × 23.63 × 14.1 in
•2420dn	41.9 lb	19.69 × 23.63 × 14.1 in
•2430	41.9 lb	19.69 × 23.63 × 14.1 in
•2430n	52.8 lb	19.69 × 23.63 × 22.64 in
•2430tn	52.8 lb	19.69 × 23.63 × 22.64 in
•2430dtn	52.8 lb	19.69 × 23.63 × 22.64 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A
  - 680x, 802.11b J6058A
  - ew2400, 802.11b/g J7951A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:
  - 3 years U3790E
- Return to Depot:
  - 3 years U3789E
- Next Business Day Response:
  - 3 years U3791E
- Installation Service:
  - 1 printer, 1 incident UC741E
  - 1 network configuration UC742E
- Post Warranty Service, Next Day Exchange:
  - 1 year U3793PE
- Post Warranty Service, Next Business Day Response:
  - 1 year U3792PE

## Additional information

### Sales

- www.hp.com
- Data Sheet 5982-6847ENUC

### Service

- Drivers: www.hp.com/support/lj2400
- Third-party solutions
- www.hppsc.com

### Reseller

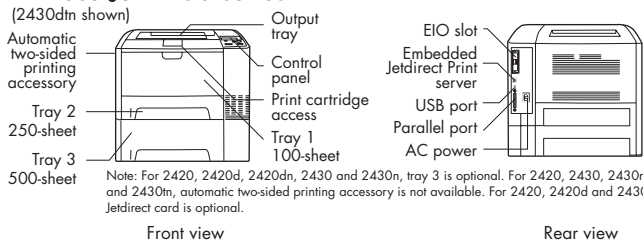
- http://hp.com/partners/us
- Supplies and accessories
- www.hp.com
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 94 for complete specifications and comparisons to other HP LaserJet Printers.

	2420•2420d	2420dn	2430•2430n	2430in	2430dn
<b>Product Number</b>	Q5956A•Q5957A	Q5959A	Q5954A•Q5964A	Q5961A	Q5962A
<b>Print Speed Black, Best Quality, Letter</b>	Up to 30 ppm	Up to 30 ppm	Up to 35 ppm	Up to 35 ppm	Up to 35 ppm
<b>First Page Out</b>	<10 secs	<10 secs	<10 secs	<10 secs	<10 secs
<b>Processor</b>	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz
<b>Duty Cycle, Monthly</b>	75,000 pages	75,000 pages	100,000 pages	100,000 pages	100,000 pages
<b>Paper Trays, Std</b>	2	2	2	3	3
<b>Paper Trays, Max</b>	3	3	3	3	3
<b>Input Capacity, Std</b>	350 sheets	350 sheets	350 sheets	850 sheets	850 sheets
<b>Input Capacity, Max</b>	850 sheets	850 sheets	850 sheets	850 sheets	850 sheets
<b>Output Capacity, Std</b>	250 sheets	250 sheets	250 sheets	250 sheets	250 sheets
<b>Two-Sided Printing</b>	2420: Manual (driver support provided); 2420d: Automatic (standard)	Automatic (standard)	Manual (driver support provided)	Manual (driver support provided)	Automatic (standard)
<b>Memory, Std</b>	2420: 32 MB; 2420d: 48 MB	64 MB	2430: 32 MB; 2430n: 64 MB;	64 MB	64 MB
<b>Memory, Max</b>	2420: 288 MB; 2420d: 304 MB	320 MB	2430: 288 MB; 2430n: 320 MB	320 MB	320 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 1 open EIO slot	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 1 open EIO slot, HP Jetdirect Fast Ethernet embedded print server	2430: IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 1 open EIO slot; 2430n: plus HP Jetdirect Fast Ethernet embedded print server	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 1 open EIO slot, HP Jetdirect Fast Ethernet embedded print server	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 1 open EIO slot, HP Jetdirect Fast Ethernet embedded print server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless
<b>Flash Memory</b>	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing v1.3 (with at least 128 MB of printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing v1.3 (with at least 128 MB of printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing v1.3 (with at least 128 MB of printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing v1.3 (with at least 128 MB of printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing v1.3 (with at least 128 MB of printer memory)

### HP LaserJet 2400 series



### Memory map

<b>2420 • 2430</b>	288 MB Maximum Usable Memory/2 Slots
Internal Fixed	32 MB Installed
Open	
<b>2420d</b>	304 MB Maximum Usable Memory/2 Slots
Internal Fixed	48 MB Installed
Open	
<b>2420dn • 2430n • 2430in • 2430dn</b>	320 MB Maximum Usable Memory/2 Slots
Internal Fixed	64 MB Installed
Open	

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AAA-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (6,000 standard pages!) Q6511A
  - HP LaserJet Black Print Cartridge with Smart Printing Technology (12,000 standard pages!) Q6511X
- Media**
- HP LaserJet Paper: Letter (500 sheets) HPJ1124
  - HP LaserJet Paper: Legal (500 sheets) HPJ1424
  - HP White Address Labels, 1 x 2 5/8 in (3,000 labels) Q2588A

### LaserJet font solutions

- These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)
- Barcodes and More Flash Memory Card 36596FB C06
  - Tax 1 Flash Memory Card 36596FB 00T
  - MICR Flash Memory Card 36596FB 612
  - Scalable Code 39/OCR-B Flash Memory Card 36596FT 0W1
  - 4 in 1 Scalable Barcode Flash Memory Card 36596FT 0104

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Paper-handling accessories

- 500-Sheet Input Tray (Tray 3, std on 2430in, 2430dn) Q5963A

### Memory and mass storage

- DDR DIMM (100-pin):
  - 64 MB Q2625A
  - 128 MB Q2626A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

**New!**

# HP LaserJet 4240n Printer

Create a variety of everyday documents with this small business printer that features standard networking.



HP LaserJet 4240n

## Product pointers

- Rely on robust performance for the whole workgroup and print consistently high-quality documents with print speeds of up to 40 ppm.
- Share the printer and increase workgroup efficiency with an HP Jetdirect Fast Ethernet embedded print server and expand your printer's capabilities with two available EIO slots.
- Enhance your potential with paper-handling flexibility by increasing your maximum input capacity to 3,100-sheets with optional 500-sheet input trays and the optional 1,500-sheet tray.
- The control panel features up to four lines of text with helpful animated graphics, so you can easily determine printer and job status and correct problems that arise.

## Ordering information

<b>Model Number</b>	<b>4240n</b>
<b>Commercial</b>	Q7785A
<b>Canada</b>	Q7785A (ABA)

## Compatibility

<b>Operating System</b>	<b>4240n</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows NT 4.0	•
Windows 2000	•
Windows Me	•
Windows XP	•
Windows Server 2003	•
Mac OS 9 and later	•
Mac OS X 10.1 and later	•
<b>Standard Network</b>	
Windows NT 4.0	•
Windows Server 2003	•
Windows XP/XP 64-bit	•
NetWare	•
UNIX (HP-UX, Solaris)	•
Linux (Red Hat, SuSE)	•
Mac OS	•
<b>Other</b>	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services

## In the box

- Print cartridge
- Right-angle power cord
- Control panel overlay
- Software and documentation on CD-ROM
- Getting started guide
- Support flyer
- HP Jetdirect Fast Ethernet Embedded Print Server

## Shipping weight and shipping dimensions

•4240n 59.9 lb 23.62 x 19.69 x 21.26 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited warranty

### HP Care Pack options

- Next Day Exchange: 3 years U2889E
- Return to Depot: 3 years H2657E
- Next Day Response: 3 years H5479E
- Installation Service: 1 printer, 1 incident UC741E  
1 network configuration UC742E
- Post Warranty Service, Next Day Exchange: 1 year U6403PE
- Post Warranty Service, Next Business Day Response: 1 year H2664PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1197ENUC

### Service

- Drivers: [www.hp.com/support/lj4250](http://www.hp.com/support/lj4250)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

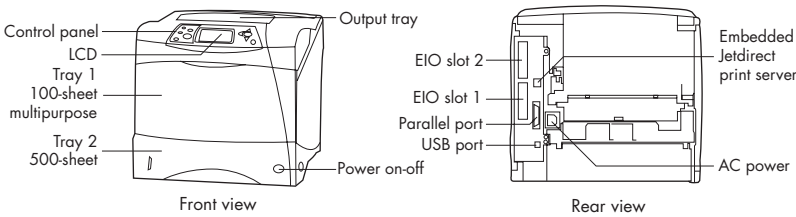
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

• See page 94 for complete specifications and comparisons to other HP LaserJet Printers.

4240n	
<b>Product Number</b>	Q7785A
<b>Print Speed Black, Best Quality, Letter</b>	Up to 40 ppm
<b>First Page Out</b>	<8 secs
<b>Processor</b>	460 MHz
<b>Duty Cycle, Monthly</b>	175,000 pages
<b>Paper Trays, Std</b>	2
<b>Paper Trays, Max</b>	5
<b>Input Capacity, Std</b>	600 sheets
<b>Input Capacity, Max</b>	3100 sheets
<b>Output Capacity, Std</b>	Up to 300 (250-sheet face down in top output bin, 50-sheet face up in rear output bin) sheets
<b>Two-Sided Printing</b>	Automatic (optional)
<b>Media Sizes, Std</b>	Letter, legal, executive, statement, 8.5 × 13 in, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, multipurpose tray 1; optional, tray 2; 5.8 × 8.3 in to 8.5 × 14 in, tray 3
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	512 MB
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications), IEEE 1284-B compliant parallel port, 2 open EIO slots, HP Jetdirect Fast Ethernet Embedded Print Server
<b>Connectivity, Opt</b>	HP Jetdirect EIO internal print servers, HP Jetdirect external print servers, HP wireless print servers, HP Jetdirect EIO connectivity card for USB/serial/LocalTalk, Bluetooth wireless
<b>Dimensions (W × D × H)</b>	16.2 × 41.1 × 21.5 in
<b>Technology, Black Print Resolution</b>	HP ProRes 1200, HP FastRes 1200, Resolution Enhancement technology (RET)
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, direct PDF (v 1.3) printing (with at least 128 MB printer memory)

## HP LaserJet 4240n



## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (10,000 standard page<sup>1</sup>) Q5942A

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- HP LaserJet Paper: Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 × 2 5/8 in (3,000 labels) Q2588A

### Maintenance kits

- 120 volt Q5421A
- 220 volt Q5422A

### Paper-handling accessories

- Automatic Two-sided Printing Accessory Q2439B
- 75-Envelope Feeder Q2438B
- 500-Sheet Input Tray Q2440B
- 500-Sheet Stacker Q2442B
- 500-Sheet Stapler/Stacker Q2443B
- 1,500-Sheet High-Capacity Input Tray Q2444B
- 3 × 1,000-Staple Cartridges Q3216A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Memory and mass storage

- 20 GB EIO Hard Disk J6073A
- DDR DIMM (100-pin):
  - 64 MB Q2625A
  - 128 MB Q2626A
  - 256 MB Q2627A
  - 512 MB Q2628A

### Other

- Printer Stand with Storage Cabinet Q2445B

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.



# HP LaserJet 4250, 4250n, 4250tn, 4250dtn and 4250dtnsl Printer

Versatile, ultra-dependable black and white printer delivering workgroup performance.



HP LaserJet 4250dtnsl

## Product pointers

- Customize your printer with an assortment of expandable input and paper-handling options, such as high-capacity paper trays and stapling and stacking accessories, expandable memory, and third-party solutions with Compact Flash support.
- Enjoy effortless printing with an intuitive four-line graphical control panel, remote web management tools and HP Smart printing technology (using genuine HP supplies ensures availability of all HP printing features)—giving you the reliability and peace of mind you've come to expect from HP.
- HP's reliable printer series is for workgroup use. You get print speeds up to 45 ppm and a fast first page out, a 200,000-page monthly duty cycle, 460 MHz processor, industry-leading internal networking (optional on 4250) and consistently professional output.

## Ordering information

Model Number	4250	4250n	4250tn	4250dtn	4250dtnsl
Commercial	Q5400A	Q5401A	Q5402A	Q5403A	Q5404A
Canada	Q5400A (ABA)	Q5401A (ABA)	Q5402A (ABA)	Q5403A (ABA)	Q5404A (ABA)

## Compatibility

Operating System	4250	4250n•4250tn	4250dtn•4250dtnsl
<b>Standard Desktop</b>			
Windows 98/NT 4.0 <sup>1</sup>	•	•	•
Windows 2000/Me	•	•	•
Windows XP	•	•	•
Windows Server 2003	•	•	•
Mac OS 9 and later	•	•	•
Mac OS X 10.1 and later	•	•	•
<b>Standard Network</b>			
Windows NT 4.0	—	• <sup>1</sup>	• <sup>1</sup>
Windows Server 2003	—	•	•
Windows XP/XP 64-bit	—	•	•
NetWare	—	•	•
UNIX (HP-UX, Solaris)	—	•	•
Linux (Red Hat, SuSE)	—	•	•
Mac OS	—	•	•
Other	—	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services
<b>Optional</b>			
Desktop/Network	Same as Standard Network on 4250n via HP Jetdirect print servers	OS/2, HP OpenVMS	OS/2, HP OpenVMS

<sup>1</sup>Parallel and network connections only.

## In the box

### All models:

- Print cartridge
- Control panel overlay
- Getting started guide
- Right-angle power cord
- Software and documentation on CD-ROM
- Support flyer
- **4250n, 4250dtn, 4250dtnsl only:**
- Additional 500-sheet input tray
- **4250dtn, 4250dtnsl only:**
- Automatic two-sided printing accessory
- **4250dtnsl only:**
- 500-sheet stapler/stacker

## Software

- Print drivers and installation (PCL 6, PCL 5e, PS, PPDs, HP LaserJet Utility, HP Toolbox, Mac software)

## Shipping weight and shipping dimensions

- 4250 59.9 lb 23.62 × 19.69 × 21.26 in
- 4250n 59.9 lb 23.62 × 19.69 × 21.26 in
- 4250tn 78.2 lb 28.35 × 23.63 × 21.93 in
- 4250dtn 83.7 lb 28.35 × 23.63 × 21.93 in
- 4250dtnsl 110.04 lb 29.61 × 24.73 × 40.67 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect wireless:
  - 680n, 802.11b J6058A
  - 380x, 802.11b J6061A
  - ew2400, 802.11b/g J7951A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:
  - 3 years U2889E
- Return to Depot:
  - 3 years H2657E
- Next Business Day Response:
  - 3 years H5479E
- Installation Service:
  - 1 printer, 1 incident UC741E
  - 1 network configuration UC742E
- Post Warranty Service, Next Day Exchange:
  - 1 year U6403PE
- Post Warranty Service, Next Business Day Response:
  - 1 year H2664PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-6848ENUC

### Service

- Drivers: [www.hp.com/support/lj4250](http://www.hp.com/support/lj4250)
- **Third-party solutions**
- [www.hpjsc.com](http://www.hpjsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

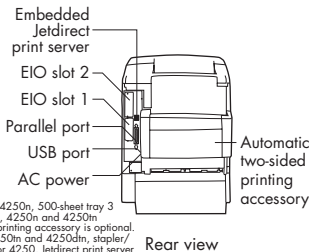
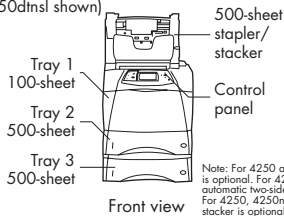
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 95 for complete specifications and comparisons to other HP LaserJet Printers.

	4250	4250n	4250tn	4250dtn	4250dtnsl
<b>Product Number</b>	Q5400A	Q5401A	Q5402A	Q5403A	Q5404A
<b>Print Speed Black, Best Quality, Letter</b>	Up to 45 ppm	Up to 45 ppm	Up to 45 ppm	Up to 45 ppm	Up to 45 ppm
<b>First Page Out</b>	<8 secs	<8 secs	<8 secs	<8 secs	<8 secs
<b>Processor</b>	460 MHz	460 MHz	460 MHz	460 MHz	460 MHz
<b>Duty Cycle, Monthly</b>	200,000 pages	200,000 pages	200,000 pages	200,000 pages	200,000 pages
<b>Paper Trays, Std</b>	2	2	3	3	3
<b>Paper Trays, Max</b>	5	5	5	5	5
<b>Input Capacity, Std</b>	600 sheets	600 sheets	1,100 sheets	1,100 sheets	1,100 sheets
<b>Input Capacity, Max</b>	3,100 sheets	3,100 sheets	3,100 sheets	3,100 sheets	3,100 sheets
<b>Output Capacity, Std</b>	300 sheets (250 face down, 50 face up)	300 sheets (250 face down, 50 face up)	300 sheets (250 face down, 50 face up)	300 sheets (250 face down, 50 face up)	800 sheets (750 face down, 50 face up)
<b>Two-Sided Printing</b>	Automatic (optional)	Automatic (optional)	Automatic (optional)	Automatic (standard)	Automatic (standard)
<b>Memory, Std</b>	48 MB	64 MB	64 MB	80 MB	80 MB
<b>Memory, Max</b>	512 MB	512 MB	512 MB	512 MB	512 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless
<b>Flash Memory</b>	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)

### HP LaserJet 4250 series

(4250dtnsl shown)



Note: For 4250 and 4250n, 500-sheet tray 3 is optional. For 4250, 4250n and 4250tn automatic two-sided printing accessory is optional. For 4250, 4250n, 4250tn and 4250dtn, stapler/stacker is optional. For 4250, Jetdirect print server is optional.

### Memory map

#### 4250

512 MB Maximum Usable Memory/2 Slots



#### 4250n • 4250tn

512 MB Maximum Usable Memory/2 Slots



#### 4250dtn • 4250dtnsl

512 MB Maximum Usable Memory/2 Slots



## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRC for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (10,000 standard pages<sup>1</sup>) Q5942A
- HP LaserJet Black Print Cartridge with Smart Printing Technology (20,000 standard pages<sup>1</sup>) Q5942X

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- HP LaserJet Paper: Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 x 2 5/8 in (3,000 labels) Q2588A

### Maintenance kits

- Preventative Maintenance Kits: 110 volt Q5421A
- Preventative Maintenance Kits: 220 volt Q5422A

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory (std on 4250dtn, 4250dtnsl) Q2439B
- 500-Sheet Stacker Q2442B

- 500-Sheet Stapler/Stacker (std on 4250dtnsl) Q2443B
- 1,500-Sheet High-Capacity Input Tray Q2444B
- 75-Envelope Feeder Q2438B
- 500-Sheet Input Tray (tray 3, std on 4250tn, 4250dtn, 4250dtnsl) Q2440B

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Flash Memory Card 36596FB C06
- Tax 1 Flash Memory Card 36596FB 00T
- MICR Flash Memory Card 36596FB 612
- Scalable Code 39/OCR-B Flash Memory Card 36596FT 0W1
- 4 in 1 Scalable Barcode Flash Memory Card 36596FT 0104

### Memory and mass storage

- DDR DIMM (100-pin): 64 MB Q2625A
- DDR DIMM (100-pin): 128 MB Q2626A
- DDR DIMM (100-pin): 256 MB Q2627A
- DDR DIMM (100-pin): 512 MB Q2628A
- 20 GB EIO hard disk J6073A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables: 2-Meter C2950A
- IEEE 1284-Compliant Bidirectional Parallel Cables: 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Other

- Printer Stand with Storage Cabinet Q2445B
- Staple Cartridge (1,000) Q3216A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 4350n, 4350tn, 4350dtn and 4350dtnsl Printer

A powerful, ultra-dependable, network-ready, black and white printing solution for large workgroups.

## Product pointers

- Enjoy effortless printing with an intuitive four-line graphical control panel, remote web management tools and HP Smart printing technology (using genuine HP supplies ensures availability of all HP printing features) in HP supplies and the printer—giving you the reliability and peace of mind you've come to expect from HP.
- Maximize your business performance with an assortment of expandable input and paper-handling options, such as high-capacity paper trays and stapling and stacking accessories, expandable memory and third-party solutions.
- Powerful black and white LaserJet for high-volume workgroups. Get breakthrough speeds up to 55 ppm, first page out in less than 8 seconds, a 250,000-page monthly duty cycle, 460 MHz processor and industry-leading internal networking.

## Ordering information

Model Number	4350n	4350tn	4350dtn	4350dtnsl
Commercial	Q5407A	Q5408A	Q5409A	Q5410A
Canada	Q5407A (ABA)	Q5408A (ABA)	Q5409A (ABA)	Q5410A (ABA)

## Compatibility

Operating System	4350n	4350tn	4350dtn	4350dtnsl
<b>Standard Desktop</b>				
Windows 98/NT 4.0 <sup>1</sup>	•	•	•	•
Windows 2000/XP	•	•	•	•
Windows Me	•	•	•	•
Windows Server 2003	•	•	•	•
Mac OS 9 and later	•	•	•	•
Mac OS X 10.1 and later	•	•	•	•
<b>Standard Network</b>				
Windows NT 4.0 <sup>1</sup>	•	•	•	•
Windows Server 2003	•	•	•	•
Windows XP/XP 64-bit	•	•	•	•
NetWare	•	•	•	•
UNIX (HP-UX, Solaris)	•	•	•	•
Linux (Red Hat, SuSE)	•	•	•	•
Mac OS	•	•	•	•
Other	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services
<b>Optional</b>				
Desktop/Network	OS/2, HP OpenVMS	OS/2, HP OpenVMS	OS/2, HP OpenVMS	OS/2, HP OpenVMS

<sup>1</sup>Parallel and network connections only.



HP LaserJet 4350dtnsl

## In the box

### All models:

- Print cartridge
- Control panel overlay
- Getting started guide
- Right-angle power cord
- Software and documentation on CD-ROM
- Support flyer
- **4350n, 4350dtn, 4350dtnsl only:**
  - Additional 500-sheet input tray
- **4350dtn, 4350dtnsl only:**
  - Automatic two-sided printing accessory
- **4350dtnsl only:**
  - 500-sheet stapler/stacker

## Software

- Print drivers and installation (PCL 6, PCL 5e, PS, PPDs, HP LaserJet Utility, HP LaserJet Toolbox, Macintosh software)

## Shipping weight and shipping dimensions

- 4350n 59.9 lb 23.62 × 19.69 × 21.26 in
- 4350tn 78.2 lb 28.35 × 23.63 × 21.93 in
- 4350dtn 83.7 lb 28.35 × 23.63 × 21.93 in
- 4350dtnsl 110.04 lb 29.61 × 24.73 × 40.67 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A
  - 680n, 802.11b J6058A
  - ew2400, 802.11b/g J7951A
- Bluetooth wireless:
  - bt1300, print adapter J6072A
- Other
  - HP Jetdirect Connectivity Card (EIO) for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Return to HP Authorized Service Center
- **HP Care Pack options**
  - Next Business Day Response:
    - 3 years U3469E
  - 4-Hour Response, Extended Business Hours:
    - 3 years U3470E
  - Installation Service:
    - 1 printer, 1 incident UC741E
    - 1 network configuration UC742E
  - Post Warranty Service, Next Business Day Response:
    - 1 year U3472PE
  - Post Warranty Service, 4-Hour Response, Extended Business Hours:
    - 1 year U3511PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-6849ENUC

### Service

- Drivers: [www.hp.com/support/lj4350](http://www.hp.com/support/lj4350)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

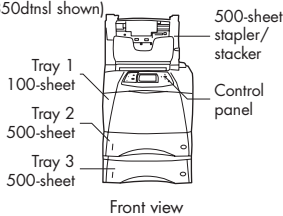
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 95 for complete specifications and comparisons to other HP LaserJet Printers.

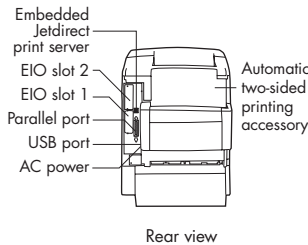
	4350n	4350tn	4350dtn	4350dtnsl
<b>Product Number</b>	Q5407A	Q5408A	Q5409A	Q5410A
<b>Print Speed Black, Best Quality, Letter</b>	Up to 55 ppm	Up to 55 ppm	Up to 55 ppm	Up to 55 ppm
<b>First Page Out</b>	<8 secs	<8 secs	<8 secs	<8 secs
<b>Processor</b>	460 MHz	460 MHz	460 MHz	460 MHz
<b>Duty Cycle, Monthly</b>	250,000 pages	250,000 pages	250,000 pages	250,000 pages
<b>Paper Trays, Std</b>	2	3	3	3
<b>Paper Trays, Max</b>	5	5	5	5
<b>Input Capacity, Std</b>	600 sheets	1,100 sheets	1,100 sheets	1,100 sheets
<b>Input Capacity, Max</b>	3,100 sheets	3,100 sheets	3,100 sheets	3,100 sheets
<b>Output Capacity, Std</b>	300 sheets (250 face down, 50 face up)	300 sheets (250 face down, 50 face up)	300 sheets (250 face down, 50 face up)	800 sheets (750 face down, 50 face up)
<b>Two-Sided Printing</b>	Automatic (optional)	Automatic (optional)	Automatic (standard)	Automatic (standard)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.3 in to 8.5 × 14 in, trays 2 and 3	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.3 in to 8.5 × 14 in, trays 2 and 3	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.3 in to 8.5 × 14 in, trays 2 and 3	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.3 in to 8.5 × 14 in, trays 2 and 3
<b>Memory, Std</b>	80 MB	80 MB	96 MB	96 MB
<b>Memory, Max</b>	512 MB	512 MB	512 MB	512 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Hi-Speed USB 2.0, HP Jetdirect 10/100Base-TX embedded print server, 2 open EIO slots
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless
<b>Flash Memory</b>	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots	2 Compact Flash slots
<b>Print Languages, Std</b>	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, direct PDF v1.3 (with at least 128 MB printer memory)

### HP LaserJet 4350 series

(4350dtnsl shown)



Front view



Rear view

### Memory map

4350n • 4350tn

512 MB Maximum Usable Memory/2 Slots



4350dtn • 4350dtnsl

512 MB Maximum Usable Memory/2 Slots



Note: For 4350n, 500-sheet tray 3 is optional. For 4350n and 4350tn, automatic two-sided printing accessory is optional. For 4350n, 4350tn, and 4350dtn, 500-sheet stapler/stacker is optional.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (10,000 standard pages<sup>1</sup>) Q5942A
- HP LaserJet Black Print Cartridge with Smart Printing Technology (20,000 standard pages<sup>1</sup>) Q5942X

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- HP LaserJet Paper: Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 × 2 5/8 in (3,000 labels) Q2588A

### Maintenance kits

- Preventative Maintenance Kits: 110 volt Q5421A
- Preventative Maintenance Kits: 220 volt Q5422A

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory (std on 4350dtn, 4350dtnsl) Q2439B
- 500-Sheet Stacker Q2442B

- 500-Sheet Stapler/Stacker (std on 4350dtnsl) Q2443B
- 1,500-Sheet High-Capacity Input Tray Q2444B
- 75-Envelope Feeder Q2438B
- 500-Sheet Input Tray (tray 3, std on 4350tn, 4350dtn, 4350dtnsl) Q2440B

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Flash Memory Card 36596FB C06
- Tax 1 Flash Memory Card 36596FB 00T
- MICR Flash Memory Card 36596FB 612
- Scalable Code 39/OCRB Flash Memory Card 36596FT OW1
- 4 in 1 Scalable Barcode Flash Memory Card 36596FT 0104

### Memory and mass storage

- DDR DIMM (100-pin): 64 MB Q2625A
- DDR DIMM (100-pin): 128 MB Q2626A
- DDR DIMM (100-pin): 256 MB Q2627A
- DDR DIMM (100-pin): 512 MB Q2628A
- 20 GB EIO hard disk J6073A
- Cables
  - IEEE 1284-Compliant Bidirectional Parallel Cables: 2-Meter C2950A
  - IEEE 1284-Compliant Bidirectional Parallel Cables: 3-Meter C2951A
  - USB Cable, A-B, 2-Meter C6518A

### Other

- Printer Stand with Storage Cabinet Q2445B
- Staple Cartridge (1,000) Q3216A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 5100, 5100tn and 5100dtn Printer

Wide-format, media versatile, black and white LaserJet for desktop publishing, finance and general office use.

## Product pointers

- Ideal for offices that want to add wide-format printing without sacrificing productivity and print quality.
- Robust, high-performance printer produces fast black and white printing at speeds up to 21 ppm with 1200 dpi resolution.
- Handles many types of media at the same time, including wide-size paper up to 11 × 17 inches.
- 5100 model offers affordable, reliable and quality wide-format printing at a reasonable price.
- 5100tn and 5100dtn models ship network-ready for workgroups and include Internet-enabled supply management, job storage and printing e-services.
- 5100tn and 5100dtn models ship with 250-sheet and 500-sheet paper feeders; add optional 250-sheet feeder for a total input capacity of 1,100 sheets. 5100 base model ships with a 250-sheet paper feeder; add optional 250-sheet and 500-sheet feeders for a total input capacity of 1,100 sheets. All models ship with a 100-sheet multipurpose tray.

## Ordering information

Model Number	5100	5100tn	5100dtn
Commercial	Q1860A	Q1861A	Q1862A
Canada	Q1860A (ABA)	Q1861A (ABA)	Q1862A (ABA)

## Compatibility

Operating System	5100	5100tn	5100dtn
<b>Standard Desktop</b>			
Windows 9x/NT	•	•	•
Windows 2000	•	•	•
Windows Me/XP	•	•	•
Mac OS	—	• <sup>1</sup>	• <sup>1</sup>
Other	AutoCAD	AutoCAD	AutoCAD
<b>Standard Network</b>			
Windows NT 4.0	—	•	•
NetWare	—	•	•
AppleTalk	—	•	•
UNIX (HP-UX, Solaris)	—	•	•
<b>Linux</b>	—	•	•
Other	—	Windows (9x, 2000, XP), IBM OS/2 Warp, LAN Manager, LocalTalk	Windows (9x, 2000, XP), IBM OS/2 Warp, LAN Manager, LocalTalk
<b>Optional</b>			
Desktop/Network	Windows (95, NT, XP), NetWare, AppleTalk, UNIX, Linux, IBM OS/2 Warp, LAN Manager, LocalTalk via HP Jetdirect print servers	—	—

<sup>1</sup>Mac OS 8.6 or greater.



HP LaserJet 5100dtn

## In the box

### All models:

- Print cartridge
- Power cord
- Printer documentation
- Control panel overlay
- Printer software and online user guide CD-ROM
- **5100tn, 5100dtn only:**
- Additional 500-sheet input tray
- **5100dtn only:**
- Automatic two-sided printing accessory

## Software

- Print drivers

## Shipping weight and shipping dimensions

- 5100 65 lb 29 × 23.5 × 17 in
- 5100tn 104 lb 29 × 24 × 28 in
- 5100dtn 152 lb 30 × 24.6 × 51.5 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 170x, 10Base-T (1-port) J3258C
- HP Jetdirect wireless:
  - 680n, 802.11b J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Business Day Response:
  - 3 years U3469E
- 4-Hour Response, Extended Business Hours:
  - 3 years U3470E
- Installation Service:
  - 1 printer, 1 incident UC741E
  - 1 network configuration UC742E
- Post Warranty Service, Next Business Day Response:
  - 1 year U3472PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
  - 1 year U3511PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5980-9025ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

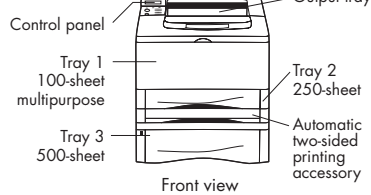
- Shaded rows indicate variations between models.
- See page 96 for complete specifications and comparisons to other HP LaserJet Printers.

	5100	5100tn	5100dtn
<b>Product Number</b>	<b>Q1860A</b>	<b>Q1861A</b>	<b>Q1862A</b>
<b>Print Speed Black, Best Quality, Letter<sup>1</sup></b>	Up to 21 ppm	Up to 21 ppm	Up to 21 ppm
<b>Processor</b>	300 MHz	300 MHz	300 MHz
<b>Duty Cycle, Monthly</b>	65,000 pages	65,000 pages	65,000 pages
<b>Paper Trays, Std</b>	<b>2</b>	<b>3</b>	<b>3</b>
<b>Input Capacity, Std</b>	<b>350 sheets</b>	<b>850 sheets</b>	<b>850 sheets</b>
<b>Input Capacity, Max</b>	1,100 sheets	1,100 sheets	1,100 sheets
<b>Output Capacity, Std</b>	250 sheets	250 sheets	250 sheets
<b>Envelope Input, Max</b>	10	10	10
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>
<b>Media Sizes, Std</b>	Letter, executive, legal, tabloid, envelopes (No. 10)	Letter, executive, legal, tabloid, envelopes (No. 10)	Letter, executive, legal, tabloid, envelopes (No. 10)
<b>Media Sizes, Custom</b>	3 × 5 in to 12.3 × 18.5 in, tray 1; 5.8 × 8.2 in to 11 × 17 in, trays 2 and 3	3 × 5 in to 12.3 × 18.5 in, tray 1; 5.8 × 8.2 in to 11 × 17 in, trays 2 and 3	3 × 5 in to 12.3 × 18.5 in, tray 1; 5.8 × 8.2 in to 11 × 17 in, trays 2 and 3
<b>Memory, Std</b>	<b>16 MB</b>	<b>32 MB</b>	<b>32 MB</b>
<b>Memory, Max</b>	192 MB	192 MB	192 MB
<b>Hard Disk Drive</b>	Optional, >4 GB	Optional, >4 GB	Optional, >4 GB
<b>Connectivity, Std</b>	<b>IEEE 1284-compliant bidirectional parallel, 2 open EIO slots</b>	<b>IEEE 1284-compliant bidirectional parallel, 1 open EIO slot, HP Jetdirect 620n print server in 1 EIO slot</b>	<b>IEEE 1284-compliant bidirectional parallel, 1 open EIO slot, HP Jetdirect 620n print server in 1 EIO slot</b>
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP-GL/2, HP postscript level 3 emulation	HP PCL 6, HP PCL 5e, HP-GL/2, HP postscript level 3 emulation	HP PCL 6, HP PCL 5e, HP-GL/2, HP postscript level 3 emulation

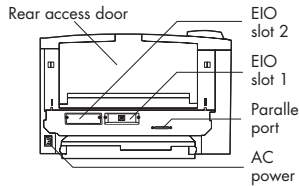
<sup>1</sup>Speed specifications have been updated to reflect current industry testing methods.

### HP LaserJet 5100 series

(5100dtn shown)



Front view



Rear view

### Memory map

#### 5100

192 MB Maximum Usable Memory/4 Slots



#### 5100tn • 5100dtn

192 MB Maximum Usable Memory/4 Slots



Note: For 5100, tray 3 is optional. For 5100 and 5100tn, automatic two-sided printing accessory is optional.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Ultraprecise Technology (10,000 standard pages<sup>1</sup>) C4129X

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- Legal (500 sheets) HPJ1424

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory Q1864A
- 250-Sheet Feeder Tray Q1865A
- 500-Sheet Feeder Tray Q1866A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More DIMM 36596DB C06
- 4 in 1 Barcode DIMM 36596DT 0104
- Tax 1 DIMM 36596DB 00T
- IPDS Emulation DIMM 36594M 5100
- Scalable Code 39/OCR-B DIMM 36596DT 0W1
- EWS DIMM C9129B

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
- 2-Meter C2950A
- 3-Meter C2951A

### Memory and mass storage

- SDRAM DIMM (100-pin):
- 8 MB C7842A
- 16 MB C7843A
- 32 MB C7845A
- 64 MB Q1887A
- 128 MB C9121A
- HP High-Capacity Hard Disk J6054B

<sup>1</sup>Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 8150, 8150n, 8150dn and 8150hn Printer

Expandable high-performance LaserJet for complex, high-volume printing.

## Product pointers

- Reliable, high-volume department printing with up to 32 ppm print speed and 250 MHz processor for fast, hassle-free network performance.
- 150,000-page monthly duty cycle delivers the reliability needed for high-volume, multi-page printing.
- Produces more types of documents than ever before, with support for nonstandard paper sizes, up to 11 x 17 inches and media types up to 28 pounds (53 pounds straight-through paper path for special media).
- Minimize intervention and waste with up to 3,100 sheets of input and 3,600 sheets of output, intelligent print system that measures toner and media levels to ensure the entire job can print correctly.
- Modular design, flexible paper-handling and advanced network connectivity provide superior customization and investment protection.
- The most extensive and scalable network management solutions from HP including industry-leading HP Web Jetadmin, Embedded Web Server (web access), embedded virtual machine for Chai applications, third-party job and asset tracking.
- Low cost per page (less than 1 cent U.S.) with 20,000-page print cartridge.

## Ordering information

Model Number	8150	8150n	8150dn	8150hn
Commercial	C4265A	C4266A	C4267A	C4269A
Canada	C4265A (484)	C4266A (484)	C4267A (484)	C4269A (484)

## Compatibility

Operating System	8150	8150n	8150dn	8150hn
<b>Standard Desktop</b>				
Windows 9x/3.x	•	•	•	•
Windows NT	•	•	•	•
Windows 2000/Me	•	•	•	•
Windows XP	•	•	•	•
OS/2	•	•	•	•
UNIX/Linux	•	•	•	•
Other	AutoCAD <sup>1</sup>	AutoCAD <sup>1</sup>	AutoCAD <sup>1</sup>	AutoCAD <sup>1</sup>
<b>Standard Network</b>				
Windows NT/ 9x/2000/Me/XP	—	•	•	•
NetWare	—	•	•	•
AppleTalk	—	•	•	•
Other	—	MPE-iX, SunOS 4.1.x, IBM AIX, LANtastic	MPE-iX, SunOS 4.1.x, IBM AIX, LANtastic	MPE-iX, SunOS 4.1.x, IBM AIX, LANtastic
<b>Optional</b>				
Desktop/Network	Same as Standard Network on 8150n via HP Jetdirect print servers	IBM System 390, OS/400 via 3rd party	IBM System 390, OS/400 via 3rd party	IBM System 390, OS/400 via 3rd party

<sup>1</sup>Driver support on Windows 3.x, 9x, NT 4.0.



HP LaserJet 8150n

## In the box

### All models:

- Print cartridge
- Power cord
- Control panel overlay
- Documentation and software

### 8150 only:

- Parallel cable
- 8150dn, 8150hn only:
- Automatic two-sided printing accessory

### 8150hn only:

- 2,000-sheet input tray (Tray 4)
- 3,000-sheet stacker

## Software

- Utilities, drivers, installers, managers, PPDs and fonts

## Shipping weight and shipping dimensions

- 8150 145.7 lb 27.96 x 27.56 x 28.94 in
- 8150n 145.7 lb 27.96 x 27.56 x 28.94 in
- 8150dn 153.6 lb 27.96 x 27.56 x 28.94 in
- 8150hn N/A 27.96 x 27.56 x 28.94 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 170x, 10Base-T (1-port) J3258C
- HP Jetdirect wireless:
  - 680n, 802.11b/j6058A

### Other

- HP Jetdirect Connectivity Card (EIO) for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Business Day Response:
  - 3 years H5491E
- 4-Hour Response, Extended Business Hours:
  - 3 years H5492E
- Installation Service:
  - 1 printer, 1 incident H7617E
  - 1 network configuration H7621E
- Post Warranty Service, Next Business Day Response:
  - 1 year H3182PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
  - 1 year U2033PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5967-2125EUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

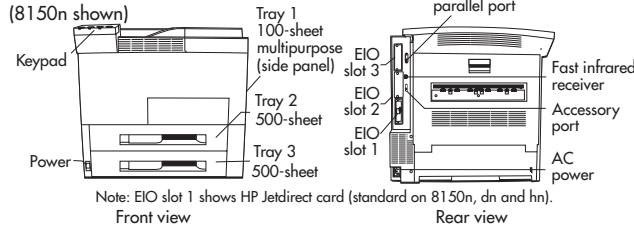
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

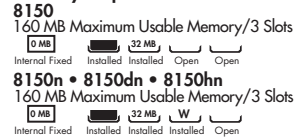
- Shaded rows indicate variations between models.
- See page 96 for complete specifications and comparisons to other HP LaserJet Printers.

	8150	8150n	8150dn	8150hn
<b>Product Number</b>	<b>C4265A</b>	<b>C4266A</b>	<b>C4267A</b>	<b>C4269A</b>
<b>Print Speed Black, Best Quality, Letter</b>	Up to 32 ppm	Up to 32 ppm	Up to 32 ppm	Up to 32 ppm
<b>First Page Out</b>	17 secs	17 secs	17 secs	17 secs
<b>Processor</b>	250 MHz	250 MHz	250 MHz	250 MHz
<b>Duty Cycle, Monthly</b>	150,000 pages	150,000 pages	150,000 pages	150,000 pages
<b>Paper Trays, Std</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4</b>
<b>Input Capacity, Std</b>	<b>1,100 sheets</b>	<b>1,100 sheets</b>	<b>1,100 sheets</b>	<b>3,100 sheets</b>
<b>Output Capacity, Std</b>	<b>600 sheets</b>	<b>600 sheets</b>	<b>600 sheets</b>	<b>3,600 sheets</b>
<b>Envelope Feeder</b>	Optional, 100 envelopes	Optional, 100 envelopes	Optional, 100 envelopes	Optional, 100 envelopes
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>	<b>Automatic (standard)</b>
<b>Media Sizes, Custom</b>	3.9 x 7.5 in to 11.7 x 17.7 in	3.9 x 7.5 in to 11.7 x 17.7 in	3.9 x 7.5 in to 11.7 x 17.7 in	3.9 x 7.5 in to 11.7 x 17.7 in
<b>Memory, Std</b>	32 MB	32 MB	32 MB	32 MB
<b>Memory, Max</b>	160 MB	160 MB	160 MB	160 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, 3 open EIO slots, Foreign Interface Harness (FIH) port	IEEE 1284-compliant bidirectional parallel, 2 open EIO slots, HP Jetdirect 620n print server in 1 EIO slot, FIH port	IEEE 1284-compliant bidirectional parallel, 2 open EIO slots, HP Jetdirect 620n print server in 1 EIO slot, FIH port	IEEE 1284-compliant bidirectional parallel, 2 open EIO slots, HP Jetdirect 620n print server in 1 EIO slot, FIH port
<b>Connectivity, Opt</b>	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation

### HP LaserJet 8150 series



### Memory map



■ = HP LaserJet 8150 printer firmware DIMM—do not remove  
 W = HP LaserJet 8150 Web Access DIMM (C9129A)  
 Slot 2 only supports 32 MB DIMM

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Ultraprecise Technology (20,000 standard pages<sup>1</sup>) C4182X

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- Legal (500 sheets) HPJ1424

### Maintenance kits

- Preventative Maintenance Kits: 110 volt C3914A
- 220 volt C3915A

### Paper-handling accessories

- 2 x 500-Sheet Input Tray C4780A
- 2,000-Sheet Input Tray C4781A
- 100-Envelope Feeder C3765B
- 350-Sheet Custom Media Tray C4184A
- Automatic Two-Sided Printing Accessory C4782A
- 7-Bin Mailbox C4783A
- 8-Bin Mailbox C4785A
- (Requires 2,000-sheet Input Tray C4781A)

- 5-Bin Mailbox with Stapler (Requires 2,000-sheet Input Tray C4781A) C4787A
- 3,000-Sheet Stacker (Requires 2,000-sheet Input Tray C4781A) C4779A
- 3,000-Sheet Stapler/Stacker (Requires 2,000-sheet Input Tray C4781A) C4788A
- Staple Cartridges: For 5-Bin Mailbox with Stapler C3772A
- For 3,000-Sheet Stapler/Stacker C4791A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More DIMM 36596DB C06
- 4 in 1 Barcode DIMM 36596DT 0104
- Tax 1 DIMM 36596DB 00T
- IPDS Emulation DIMM 36594M 8150
- Scalable Code 39/OCR-B DIMM 36596DT 0W1
- 8 MB Flash DIMM (100-pin) C8530A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables, A-C: 3-Meter C2946A
- 10-Meter C2947A
- Mac Network Cable Kits: PhoneNET or LocalTalk Connection 92215N
- 1-to-1 Connection 92215S

### Memory and mass storage

- SDRAM DIMM (100-pin): 8 MB C7842A
- 16 MB C7843A
- 32 MB C7845A
- 64 MB C9680A

### Other

- Send to LANFax License C8539AB
- NT Authentication License C9122AB
- Printer Cabinet C2975A
- HP Fast Infrared Connect C4103A
- Power Box C4789A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.



# HP LaserJet 9050, 9050n and 9050dn Printer

High-performance, high-volume, 11 × 17-inch black and white network printer with automatic two-sided printing (some models).



HP LaserJet 9050dn with 8-bin mailbox

## Product pointers

- Advanced, high-capacity paper-handling and finishing features that streamline and enhance document production in large workgroups or departments. Choose from stapler/stacker, 8-bin mailbox and multifunction finisher (each option also requires purchase of 2,000-sheet input tray) for increased productivity.
- Print black and white documents fast and reliably at up to 50 ppm. Minimize user intervention with high-capacity input and output options, with HP's unsurpassed printer network capabilities—all for exceptional performance.
- Save money and time with increased productivity. Print batch documents in a centralized location, reducing costs and distribution time. Maximize your resources with proactive, remote printer management, HP Smart printing (using genuine HP supplies ensures availability of all HP printing features) and HP service and support.

## Ordering information

Model Number	9050	9050n	9050dn
Commercial	Q3721A	Q3722A	Q3723A
Canada	Q3721A (483/484)	Q3722A (484)	Q3723A (484)

## Compatibility

Operating System	9050	9050n	9050dn
<b>Standard Desktop</b>			
Windows 9x	•	•	•
Windows 98/NT	•	•	•
Windows 2000/Me	•	•	•
Windows XP	•	•	•
Windows Server 2003	•	•	•
Mac OS 9/X	•	•	•
<b>Standard Network</b>			
Windows NT 4.0	—	•	•
Windows Server 2003	—	•	•
Windows XP/XP 64-bit	—	•	•
NetWare	—	•	•
UNIX (HP-UX, Solaris)	—	•	•
Linux (Red Hat, SuSE)	—	•	•
Mac OS	—	•	•
Other	—	IBM AIX 3.2.5 and later, MPE-iX	IBM AIX 3.2.5 and later, MPE-iX
<b>Optional</b>			
Desktop/Network	Same as Standard Network on 9050n via HP Jetdirect print servers	—	—

## In the box

### All models:

- Print cartridge
  - Power cord
  - Printer documentation
  - Software CD-ROM
- 9050 only:**
- Parallel cable
- 9050n, 9050dn only:**
- 100-sheet multipurpose tray
- 9050dn only:**
- Automatic two-sided printing accessory

## Software

- Print drivers and installation software on CD-ROM (HP PCL 5e, HP PCL 6, HP postscript level 3 emulation)

## Shipping weight and shipping dimensions

- 9050 173.8 lb 35.9 × 31.1 × 28.4 in
- 9050n 182.8 lb 35.9 × 31.1 × 28.4 in
- 9050dn 197.5 lb 35.9 × 31.1 × 28.4 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 170x, 10Base-T (1-port) J3258C
- HP Jetdirect wireless:
  - 680n, 802.11b J6058A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Next Business Day Onsite
- HP Care Pack options**
- Next Business Day Response:
    - 3 years or 1.8M pages H7599E
  - 4-Hour Response, Extended Business Hours:
    - 3 years or 1.8M pages H7603E
  - Installation Service:
    - 1 printer, 1 incident H7617E
    - 1 network configuration H7621E
  - Post Warranty Service, Next Business Day Response:
    - 1 year or 600K pages H7629PE
  - Post Warranty Service, 4-Hour Response, Extended Business Hours:
    - 1 year or 600K pages H7633PE

## Additional information

### Sales

- www.hp.com
- Data Sheet 5981-5009ENUC

### Service

- Drivers: www.hp.com/support
- Third-party solutions
- www.hpqsc.com

### Reseller

- http://hp.com/partners/us
- Supplies and accessories
- www.hp.com
- HP Supplies IRG, November 4AA0-0791ENUC

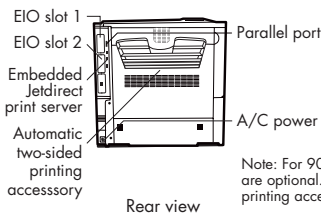
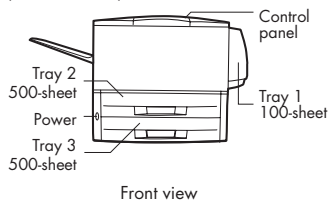
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 97 for complete specifications.

	9050	9050n	9050dn
<b>Product Number</b>	<b>Q3721A</b>	<b>Q3722A</b>	<b>Q3723A</b>
<b>Print Speed Black, Best Quality, Letter</b>	Up to 50 ppm	Up to 50 ppm	Up to 50 ppm
<b>First Page Out</b>	<8 secs	<8 secs	<8 secs
<b>Processor</b>	533 MHz	533 MHz	533 MHz
<b>Duty Cycle, Monthly</b>	300,000 pages	300,000 pages	300,000 pages
<b>Paper Trays, Std</b>	<b>2</b>	<b>3</b>	<b>3</b>
<b>Paper Trays, Max</b>	4	4	4
<b>Input Capacity, Std</b>	<b>1,000 sheets</b>	<b>1,100 sheets</b>	<b>1,100 sheets</b>
<b>Input Capacity, Max</b>	3,100 sheets	3,100 sheets	3,100 sheets
<b>Output Capacity, Std</b>	600 sheets	600 sheets	600 sheets
<b>Two-Sided Printing</b>	<b>Automatic (optional)</b>	<b>Automatic (optional)</b>	<b>Automatic (standard)</b>
<b>Media Sizes, Custom</b>	3.9 x 7.5 in to 12.3 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3 and 4	3.9 x 7.5 in to 12.3 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3 and 4	3.9 x 7.5 in to 12.3 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3 and 4
<b>Memory, Std</b>	<b>64 MB</b>	<b>128 MB</b>	<b>128 MB</b>
<b>Memory, Max</b>	512 MB	512 MB	512 MB
<b>Connectivity, Std</b>	<b>IEEE 1284-compliant bidirectional parallel, 2 open EIO slots</b>	<b>IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, 2 open EIO slots</b>	<b>IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, 2 open EIO slots</b>
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless
<b>Print Languages, Std</b>	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, PDF 1.3 emulation, XHTML-Print 0.95, PJI, PML	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, PDF 1.3 emulation, XHTML-Print 0.95, PJI, PML	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, PDF 1.3 emulation, XHTML-Print 0.95, PJI, PML

### HP LaserJet 9050 series

(9050dn shown)



#### Memory Map

##### 9050

512 MB Maximum Usable Memory/2 Slots

Internal Fixed 64 MB Installed Open

##### 9050n • 9050dn

512 MB Maximum Usable Memory/2 Slots

Internal Fixed 128 MB Installed Open

Note: For 9050, 100-sheet tray 1 and Jetdirect server are optional. For 9050 and 9050n, automatic two-sided printing accessory is optional.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (30,000 standard pages<sup>1</sup>) C8543X

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124
- HP LaserJet Paper: Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 x 2 5/8 in (3,000 labels) Q2588A

### Cables

- Mac Network Kit (PhoneNET or LocalTalk) 92215N
- Mac Network Kit (RS-422 serial) 92215S
- IEEE 1284-Compliant Bidirectional Parallel Cables, A-C: 3-Meter C2946A
- 10-Meter C2947A

### LaserJet font solutions

These and many other font products are available only from HP at:

- 661-257-5571 opt. 1 or www.hp.com/go/laserjetfonts
- Barcodes and More Flash Memory Card 36596FB C06
- Tax 1 Flash Memory Card 36596FB 00T
- MICR Flash Memory Card 36596FB 612
- Scalable Code 39/OCRB Flash Memory Card 36596FT 0W1
- 4 in 1 Scalable Barcode Flash Memory Card 36596FT 0104

### Maintenance kits

- Preventative Maintenance Kits: 110 volt C9152A
- 220 volt C9153A

### Paper-handling accessories

- 8-Bin Mailbox (Requires C8531A) Q5693A
- 2,000-Sheet Input Tray C8531A
- 100-Sheet Multipurpose Tray (std on 9050n, 9050dn) C8568A
- Automatic Two-Sided Printing Accessory (Std on 9050dn) C8532A
- 3,000-Sheet Stacker (Requires C8531A) C8084A
- 3,000-Sheet Stapler/Stacker (Requires C8531A) C8085A
- Multifunction Finisher (Requires C8531A) C8088B
- Stapler Cartridge (Stapler/Stacker) C8091A
- Stapler Cartridge (Multifunction Finisher) C8092A

### Memory and mass storage

- 20 GB EIO Hard Disk J6073A
- DDR DIMM (100-pin): 64 MB Q2625A
- 128 MB Q2626A
- 256 MB Q2627A
- 512 MB Q2628A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP Color LaserJet 2550n Printer

Add color to your work documents with HP's affordable color laser printer in a simple to use design.

## Product pointers

- The affordable HP color LaserJet printer—ideal for small business. Pay a little and get a lot—get fast black and white printing, plus add color for a few pennies more to create outstanding documents.
- Industry-leading design with only five consumables accessible from one front door makes supplies replacement a snap.
- Generate exceptional print quality with HP's ImageREt 2400 on a variety of media types and sizes. Print speeds of up to 20 ppm black and up to 4 ppm color, plus the instant-on fuser eliminates warm-up time and finishes print jobs before others start.
- This compact series is an easy fit for any workspace, even the desktop, making it a perfect office companion.
- Make a simple connection with intuitive software and either USB, parallel or network options for Windows or Macintosh.
- Recognized as the leader in the industry for reliability, this compatible, color laser printer series supports both Windows and Macintosh operating systems with real HP PCL and postscript emulation for consistent, high-quality color and black and white output.

## Ordering information

<b>Model Number</b>	<b>2550n</b>
<b>Commercial</b>	Q3704A
<b>Retail</b>	Q3704A
<b>Canada</b>	Q3704A (ABA)

## Compatibility

<b>Operating System</b>	<b>2550n</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows Me	•
Windows XP	•
Windows NT 4.0	• <sup>1</sup>
Mac OS	• <sup>2</sup>
<b>Standard Network</b>	
Windows NT 4.0	•
Mac OS	• <sup>2</sup>
<b>Optional</b>	
<b>Desktop/Network</b>	Linux, UNIX, OS/2 (limited functionality)

<sup>1</sup>Driver only.

<sup>2</sup>Mac OS 9.1, 10.1 or greater.



HP Color LaserJet 2550n

## In the box

- 5,000-page<sup>1</sup> black print cartridge
- 4,000-page<sup>1</sup> color print cartridges (1 each cyan, magenta, yellow)
- Power cord
- Software and user's guide on CD-ROM
- Getting started guide
- Imaging drum
- 250-sheet tray
- HP Jetdirect internal print server

## Software

- Print drivers
- HP Toolbox

## Shipping weight and shipping dimensions

• 2550n 63.8 lb 23.6 x 19.7 x 23.6 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect wireless:
 

380x, 802.11b	J6061A
ew2400, 802.11b/g	J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:
 

3 years	U4929E
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- Next Business Day Response:
 

3 years	U2893E
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- Installation Service:
 

1 printer, 1 incident	H4513E
1 network configuration	H3110E
- Post Warranty Service, Next Day Exchange:
 

1 year	U4930PE
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- Post Warranty Service, Next Business Day Response:
 

1 year	U2895PE
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## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-3556ENUC

### Service

- Drivers: [www.hp.com/support/clj2550](http://www.hp.com/support/clj2550)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

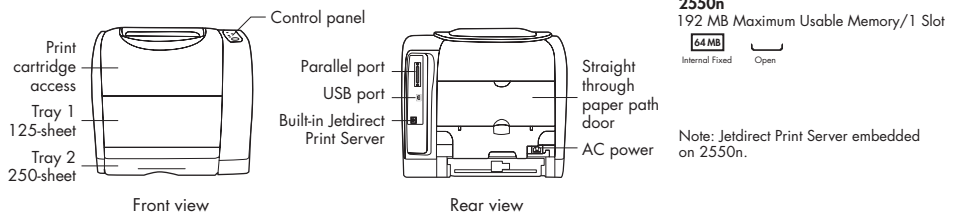
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

• See page 98 for complete specifications and comparisons to other HP LaserJet Printers.

2550n	
Product Number	Q3704A
Print Speed Black, Best Quality, Letter	Up to 20 ppm
Print Speed Color, Best Quality, Letter	Up to 4 ppm
First Page Out	18 secs black, 29 secs color
Processor	264 MHz
Duty Cycle, Monthly	30,000 pages
Paper Trays, Std	2
Paper Trays, Max	3
Input Capacity, Std	375 sheets
Input Capacity, Max	875 sheets
Output Capacity, Std	125 sheets
Output Capacity Max	125 sheets
Envelope Input, Max	10
Two-Sided Printing	Manual (driver support provided)
Media Sizes, Std	Letter, legal, executive, envelopes (No. 10, Monarch)
Media Sizes, Custom	3 x 5 in to 8.5 x 14 in, tray 1; 5.8 x 8.3 in to 8.5 x 14 in, tray 2
Media Weights	16 to 47 lb, tray 1; 16 to 28 lb, trays 2 and 3
Memory, Std	64 MB
Memory, Max	192 MB
Typefaces	80 TrueType internal scalable PCL 6, 80 TrueType internal scalable postscript
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect internal print server
Connectivity, Opt	HP Jetdirect external and wireless print servers
Print Languages, Std	HP PCL 6, HP postscript level 3 emulation

### HP Color LaserJet 2550n



### Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Print cartridges

- HP Color LaserJet Black Print Cartridge with Smart Printing Technology (5,000<sup>1</sup>) Q3960A
- HP Color LaserJet Cyan Print Cartridge with Smart Printing Technology (4,000<sup>1</sup>) Q3961A
- HP Color LaserJet Cyan Print Cartridge with Smart Printing Technology (2,000<sup>1</sup>) Q3971A
- HP Color LaserJet Yellow Print Cartridge with Smart Printing Technology (4,000<sup>1</sup>) Q3962A
- HP Color LaserJet Yellow Print Cartridge with Smart Printing Technology (2,000<sup>1</sup>) Q3972A
- HP Color LaserJet Magenta Print Cartridge with Smart Printing Technology (4,000<sup>1</sup>) Q3963A

- HP Color LaserJet Magenta Print Cartridge with Smart Printing Technology (2,000<sup>1</sup>) Q3973A
- HP Color LaserJet Imaging Drum (20,000 Black<sup>1</sup>/5,000 Color<sup>1</sup>) Q3964A

#### Media

- HP Color LaserJet Presentation Paper, soft gloss, letter (200 sheets) Q6541A
- HP Color LaserJet Brochure Paper, matte, letter (150 sheets) Q6543A
- HP Color LaserJet Photo and Imaging Paper, glossy, letter (200 sheets) Q6545A

#### LaserJet font solutions

- These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)
- Barcodes and More DIMM 36596C C06
  - Tax 1 DIMM 36596C 00T
  - MICR DIMM 36596C 612

- Scalable Barcode 39 DIMM 36596CT 0W1
- 4 in 1 Scalable Barcode DIMM 36596CT 0104

#### Paper-handling accessories

- 250-Sheet Input Tray (Tray 2, std) Q3709A
- 500-Sheet Input Tray Q3710A

#### Memory and mass storage

- SDRAM DIMM (100-pin):
  - 32 MB C7845A
  - 64 MB Q1887A
  - 128 MB C9121A

#### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

<sup>1</sup> Approximate page yield based on 5% coverage.

# HP Color LaserJet 2600n Printer

Create high-impact color documents without adding to your budget with this affordable network printer.

## Product pointers

- Create brilliant, high-quality documents with HP ImageREt 2400 print quality.
- Front control panel and four supplies make this compact printer easy to use.
- Print your own promotional materials—cost-effectively and reliably. Affordable, professional color is now within your reach, greatly expanding the possibilities for business and marketing documents. Rely on HP's recognized quality and service [for 12 years running, an "A" rating by *PC Magazine's* Service and Reliability Survey Results (August 2003)].
- Count on HP for proven technology and support plus reliable printing supplies, including HP specialty and everyday papers. Get the performance you need—consistently and reliably—from this professional, compact, office-ready color printer.

## Ordering information

<b>Model Number</b>	<b>2600n</b>
<b>Commercial</b>	Q6455A (ABA)
<b>Retail</b>	Q6455A (ABA)
<b>Canada</b>	Q6455A (ABA)

## Compatibility

<b>Operating System</b>	<b>2600n</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows XP	•
Windows Me	•
Windows Server 2003	•
Mac OS X 10.2 and later	•
<b>Standard Network</b>	
Windows 2000	•
Windows XP	•
Mac OS	•



HP Color LaserJet 2600n

## In the box

- Print cartridges (1 each black, cyan, magenta, yellow)
- Power cable
- Software and user's guide on CD-ROM
- Getting started guide

## Software

- Toolbox configuration software and status application

## Shipping weight and shipping dimensions

- 2600n 50.6 lb 23.5 x 20.6 x 19.6 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited, Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange: 3 years UC733E
- Installation Service: 1 printer, 1 incident H4513E  
1 network configuration H3110E
- Post Warranty Service, Next Day Exchange: 1 year UC739PE
- Return to Depot: 3 years HC123E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0803ENUC

### Service

- Drivers: [www.hp.com/support/clj2600n](http://www.hp.com/support/clj2600n)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

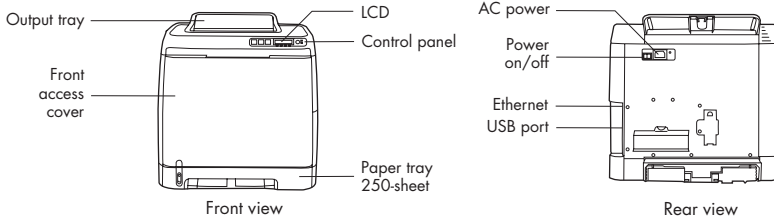
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

• See page 98 for complete specifications and comparisons to other HP LaserJet Printers.

2600n	
Product Number	Q6455A
Print Speed Black, Best Quality, Letter	Up to 8 ppm
Print Speed Color, Best Quality, Letter	Up to 8 ppm
First Page Out	<20 secs black and color
Processor	264 MHz
Duty Cycle, Monthly	Up to 35,000 pages
Paper Trays, Std	1 (plus single-sheet input slot)
Paper Trays, Max	2 (plus single-sheet input slot)
Input Capacity, Std	250 sheets
Input Capacity, Max	500 sheets
Output Capacity, Std	125 sheets
Two-Sided Printing	Manual (driver support provided)
Media Sizes, Std	Letter, legal, executive, envelopes (No. 10, Monarch)
Media Sizes, Custom	3 × 5 in to 8.5 × 14 in
Memory, Std	16 MB
Memory, Max	16 MB
Connectivity, Std	Hi-Speed USB (compatible with USB 2.0 specifications), 1 built-in print server (10/100Base-TX Ethernet/Fast Ethernet, RJ-45)
Connectivity, Opt	None
Print Languages, Std	Host-based printing (uses the processing power and resources of a computer to process the print job—no PCL or PostScript)
Print Quality	HP ImageREt 2400
Dimensions (W × D × H)	16.02 × 17.83 × 14.6 in
Weight	40.5 lb (with supplies)

### HP Color LaserJet 2600n



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridge with Smart Printing Technology (2,500<sup>1</sup>) Q6000A
- HP Color LaserJet Cyan Print Cartridge with Smart Printing Technology (2,000<sup>1</sup>) Q6001A
- HP Color LaserJet Yellow Print Cartridge with Smart Printing Technology (2,000<sup>1</sup>) Q6002A
- HP Color LaserJet Magenta Print Cartridge with Smart Printing Technology (2,000<sup>1</sup>) Q6003A

### Media

- HP Color LaserJet Presentation Paper, soft gloss, letter (200 sheets) Q6541A
- HP Color LaserJet Brochure Paper, matte, letter, (150 sheets) Q6543A
- HP Color LaserJet Photo and Imaging Paper, glossy, letter (200 sheets) Q6545A
- HP Color LaserJet Photo and Imaging Paper, matte, letter (100 sheets) Q6549A

### Paper-handling accessories

- 250-Sheet Input Tray Q6459A

### Cables

- USB Cable, A-B, 2-Meter C6518A

<sup>1</sup> Approximate page yield based on 5% coverage.

**New!**

# HP Color LaserJet 3000n and 3000dn Printer

Small workteams get both great black and white LaserJet performance and brilliant color printing.

## Product pointers

- Fast everyday black and white printing with the gift of brilliant color inside. Print documents quickly—up to 30 ppm black, up to 15 ppm color and Instant-on Technology means no waiting for that first page.
- This printer delivers reliable color when you need it with new HP ColorSphere toner and ImageREt 2400 technology, plus you're in control with Color Access Controls that let you determine who, how, when and where color is used in your office.
- HP designed this printer with a convenient, single front access point for your ultimate ease of use. Integrated HP Easy Printer Care Software simplifies color printing management, and HP SureSupply helps consolidate ordering of supplies.

## Ordering information

	3000n	3000dn
<b>Model Number</b>	3000n	3000dn
<b>Commercial</b>	Q7534A	Q7535A
<b>Canada</b>	Q7534A (ABA)	Q7535A (ABA)

## Compatibility

	3000n	3000dn
<b>Operating System</b>	3000n	3000dn
<b>Standard Desktop</b>		
Windows 98	•	•
Windows NT 4.0	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Windows Server 2003	•	•
Mac OS <sup>1</sup>	•	•
<b>Standard Network</b>		
Windows NT 4.0	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Windows Server 2003	•	•
<b>Other</b>	Novell NetWare 3.2, 4.2, 5.x, 6.x (NDPS); Mac OS 8.6 and higher; Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and higher; MPE-iX; Citrix MetaFrame; Windows Terminal Services	
Windows 98	•	•

<sup>1</sup>Mac OS 9.x and higher, OS X v 10.1.



HP Color LaserJet 3000dn

## In the box

### All models:

- Print cartridges (1 each cyan, magenta, yellow, black)
- Getting started guide
- Software drivers and documentation on CD-ROM
- Power cable
- 100-sheet multipurpose tray
- 250-sheet input tray
- HP Jetdirect Fast Ethernet embedded print server **3000dn only:**
- Automatic two-sided printing accessory

## Software

- Print drivers and installation software on CD-ROM

## Shipping weight and shipping dimensions

- 3000n: 66 lb 22.6 x 22.5 x 20.3 in
- 3000dn: 66 lb 22.6 x 22.5 x 20.3 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal: 625n, Gigabit Ethernet J7960A
- HP Jetdirect external: 175x 10/100Base-TX (1-port) J6035D  
300x, 10/100Base-TX (1-port) J3263A  
500x, 10/100Base-TX (3-port) J3565A  
en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless: 380x 802.11b J6061A  
ew2400 802.11g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response: 3 years H8037E
- 4-Hour Response, Extended Business Hours: 3 years H8038E
- Installation Service: 1 printer, 1 incident H4513E  
1 network configuration H3110E
- Post Warranty Service, Next Business Day Response: 1 year U8039PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours: 1 year U8040PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-1440ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

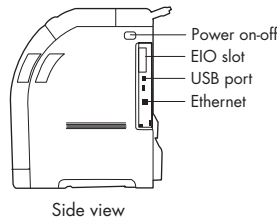
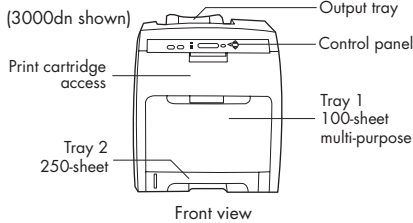
## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 99 for complete specifications and comparisons to other HP LaserJet Printers.

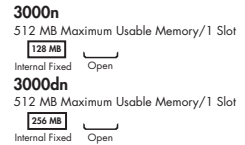
	3000n	3000dn
<b>Product Number</b>	<b>Q7534A</b>	<b>Q7535A</b>
<b>Print Speed Black, Best Quality, Letter<sup>1</sup></b>	Up to 30 ppm	Up to 30 ppm
<b>Print Speed Color, Best Quality, Letter<sup>1</sup></b>	Up to 15 ppm	Up to 15 ppm
<b>First Page Out</b>	<b>Ready state: &lt;12.5 secs; Powersave: (from up to 5 hours): &lt;11 secs; cold start: &lt;79 secs</b>	<b>Ready state: &lt;12.5 secs; Powersave: (from up to 5 hours): &lt;11 secs; cold start: &lt;84 secs</b>
<b>Processor</b>	533 MHz	533 MHz
<b>Duty Cycle, Monthly</b>	60,000 pages	60,000 pages
<b>Paper Trays, Std</b>	2	2
<b>Paper Trays, Max</b>	3	3
<b>Input Capacity, Std</b>	350 sheets	350 sheets
<b>Input Capacity, Max</b>	850 sheets	850 sheets
<b>Output Capacity, Std</b>	200 sheets	200 sheets
<b>Two-Sided Printing</b>	<b>Manual (driver support provided)</b>	<b>Automatic (standard)</b>
<b>Media Sizes, Std</b>	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays
<b>Memory, Std</b>	<b>128 MB</b>	<b>256 MB</b>
<b>Memory, Max</b>	512 MB	512 MB
<b>Connectivity, Std</b>	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots, HP Jetdirect Fast Ethernet embedded print server	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots, HP Jetdirect Fast Ethernet embedded print server
<b>Connectivity, Opt</b>	Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories	Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories
<b>Dimensions (W × D × H)</b>	15.7 × 17.7 × 15.7 in	15.7 × 17.7 × 15.7 in
<b>Print Languages, Std</b>	HP PCL 5c, HP PCL 6, HP Postscript emulation	HP PCL 5c, HP PCL 6, HP Postscript emulation

<sup>1</sup>Approximate figures. Exact speed will vary depending on the print settings, system configuration, software program and document complexity.

### HP Color LaserJet 3000 series



#### Memory map



## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridges with HP ColorSphere Toner (6,500<sup>1</sup>) Q7560A
- HP Color LaserJet Cyan Print Cartridges with HP ColorSphere Toner (3,500<sup>1</sup>) Q7561A
- HP Color LaserJet Yellow Print Cartridges with HP ColorSphere Toner (3,500<sup>1</sup>) Q7562A
- HP Color LaserJet Magenta Print Cartridges with HP ColorSphere Toner (3,500<sup>1</sup>) Q7563A

### Media

- HP LaserJet Paper: Letter (500 sheets) HPJ1124 Legal (500 sheets) HPJ1424
- HP White Address Labels, 1 × 2 5/8 in (3,000 labels) Q2588A
- 500-Sheet Input Tray Q5985A

### Paper-handling accessories

### Memory and mass storage

- SDRAM DIMM (200-pin): 128 MB Q7721A 256 MB Q7722A
- 20 GB EIO hard disk J6073A

### Cables

- USB Cable, A-B, 2 Meter C6518A

### Other

- HP Easy Printer Care Software J7977AA
- HP 1284B Parallel EIO Card J7972G

<sup>1</sup>Approximate page yield based on 5% coverage.



# New! HP Color LaserJet 3600n and 3600dn Printer

HP's in-house marketing solution delivers brilliant color and unparalleled ease of use.

Replaces HP Color LaserJet 3500 (p/n Q1319A), 3500n (p/n Q1320A), 3550 (p/n Q5990A) and 3550n (p/n Q5991A).

## Product pointers

- Ideal for small workteams working with one of the supported Windows and Macintosh operating systems, that do not require support for PostScript printing.
- Print high-quality marketing materials in color and in-house. Brilliant color output with new HP ColorSphere Toner and a variety of HP paper options—including glass—make your brochures, proposals and presentations stand out above the rest.
- Quick and reliable, this color laser printer delivers up to 17 ppm, automatically adjusts settings to optimize print quality for your paper type and holds up to 850 sheets—so it's ready for all your high-impact jobs.
- Save time and cut costs with this easy to use and maintain printer. Simple setup, convenient print cartridge access and fewer supplies to replace mean you can focus on your work—not your printer.

## Ordering information

Model Number	3600n	3600dn
Commercial	Q5987A	Q5988A
Canada	Q5987A (ABA)	Q5988A (ABA)

## Compatibility

Operating System	3600n	3600dn
<b>Standard Desktop</b>		
Windows 98	•	•
Windows NT 4.0	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Windows Server 2003	•	•
Mac OS <sup>1</sup>	•	•
<b>Standard Network</b>		
Other	Windows 95, NT 4.0, 98, 2000, Me, XP Home, XP Professional, Server 2003; Mac OS 9.2.2, 10.2.6 and later (via TCP/IP); Red Hat Linux 6.x	Windows 95, NT 4.0, 98, 2000, Me, XP Home, XP Professional, Server 2003; Mac OS 9.2.2, 10.2.6 and later (via TCP/IP); Red Hat Linux 6.x
<b>Optional Desktop/Network</b>		
	Windows 98, 2000, Me, XP Home, XP Professional, Server 2003; Mac OS 9.x, Mac OS X	Windows 98, 2000, Me, XP Home, XP Professional, Server 2003; Mac OS 9.x, Mac OS X

<sup>1</sup>Mac OS 9.x and higher, OS X v 10.1.



HP Color LaserJet 3600dn

## In the box

### All models:

- Print cartridges (1 each cyan, magenta, yellow, black)
- Getting started guide
- Software drivers and documentation on CD-ROM
- Power cable
- 100-sheet multipurpose tray
- 250-sheet input tray
- HP Jetdirect Fast Ethernet embedded print server
- **3600dn only:**
- Automatic two-sided printing accessory

## Software

- HP JetReady 4.2 drivers

## Shipping weight and shipping dimensions

- 3600n: 66 lb 22.6 x 22.5 x 20.3 in
- 3600dn: 68 lb 22.6 x 22.5 x 21.2 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect external:
 

175x, 10/100Base-TX (1-port)	J6035D
en3700, 10/100Base-TX (1-port)	J7942A
- HP Jetdirect wireless:
 

380x, 802.11b	J6061A
ew2400, 802.11b/g	J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:
 

3 years	H8037E
---------	--------
- 4-Hour Response, Extended Business Hours:
 

3 years	H8038E
---------	--------
- Installation Service:
 

1 printer, 1 incident	H4513E
1 network configuration	H3110E
- Post Warranty Service, Next Business Day Response:
 

1 year	U8039PE
--------	---------
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
 

1 year	U8040PE
--------	---------

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-1437ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hp.com](http://www.hp.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

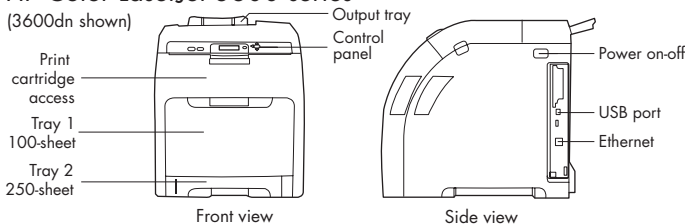
- Shaded rows indicate variations between models.
- See page 99 for complete specifications and comparisons to other HP LaserJet Printers.

	3600n	3600dn
<b>Product Number</b>	<b>Q5987A</b>	<b>Q5988A</b>
<b>Print Speed Black, Best Quality, Letter<sup>1</sup></b>	Up to 17 ppm	Up to 17 ppm
<b>Print Speed Color, Best Quality, Letter<sup>1</sup></b>	Up to 17 ppm	Up to 17 ppm
<b>First Page Out</b>	Ready state: <14 secs; Powersave: (from up to 5 hours): <17 secs; cold start: <101 secs	Ready state: <14 secs; Powersave: (from up to 5 hours): <17 secs; cold start: <101 secs
<b>Processor</b>	360 MHz	360 MHz
<b>Duty Cycle, Monthly</b>	50,000 pages	50,000 pages
<b>Paper Trays, Std</b>	2	2
<b>Paper Trays, Max</b>	3	3
<b>Input Capacity, Std</b>	350 sheets	350 sheets
<b>Input Capacity, Max</b>	850 sheets	850 sheets
<b>Output Capacity, Std</b>	250 sheets	250 sheets
<b>Two-Sided Printing</b>	<b>Manual (driver support provided)</b>	<b>Automatic (standard)</b>
<b>Media Sizes, Std</b>	Letter, legal, 8.5 x 13 in, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, 8.5 x 13 in, executive, statement, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 x 5 in to 8.5 x 14 in, multipurpose tray; 5.8 x 8.3 in to 8.5 x 14 in, 250-sheet and optional 500-sheet input trays	3 x 5 in to 8.5 x 14 in, multipurpose tray; 5.8 x 8.3 in to 8.5 x 14 in, 250-sheet and optional 500-sheet input trays
<b>Memory, Std</b>	64 MB	128 MB
<b>Memory, Max</b>	64 MB	128 MB
<b>Connectivity, Std</b>	Hi-Speed USB 2.0 (compatible with USB 2.0 specifications), HP Jetdirect value-featured Fast Ethernet Embedded Print Server	Hi-Speed USB 2.0 (compatible with USB 2.0 specifications), HP Jetdirect value-featured Fast Ethernet Embedded Print Server
<b>Connectivity, Opt</b>	HP wireless print servers, Bluetooth wireless printer adapter	HP wireless print servers, Bluetooth wireless printer adapter
<b>Dimensions (W x D x H)</b>	<b>15.7 x 17.7 x 15.7 in</b>	<b>15.7 x 17.7 x 16.7 in</b>
<b>Print Languages, Std</b>	HP JetReady 4.2 Page Description Language (host-based printing)	HP JetReady 4.2 Page Description Language (host-based printing)

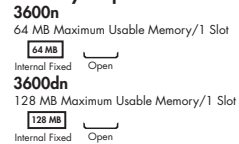
<sup>1</sup>Approximate figures. Exact speed will vary depending on the print settings, system configuration, software program and document complexity.

## HP Color LaserJet 3600 series

(3600dn shown)



### Memory map



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridges with HP ColorSphere Toner (6,000<sup>1</sup>) Q6470A
- HP Color LaserJet Cyan Print Cartridges with HP ColorSphere Toner (4,000<sup>1</sup>) Q6471A
- HP Color LaserJet Yellow Print Cartridges with HP ColorSphere Toner (4,000<sup>1</sup>) Q6472A
- HP Color LaserJet Magenta Print Cartridges with HP ColorSphere Toner (4,000<sup>1</sup>) Q6473A

### Media

- HP Color Laser Presentation Paper, soft gloss, letter (200 sheets) Q6541A
- HP Color Laser Brochure, matte, letter (150 sheets) Q6543A
- HP Color Laser Photo Paper, matte, letter (100 sheets) Q6549A

<sup>1</sup>Approximate page yield based on 5% coverage.

**New!**

# HP Color LaserJet 3800, 3800n, 3800dn and 3800dtn Printer

Easy color printing on the network and impressive print quality—the right combination for business.

Replaces HP Color LaserJet 3700 (p/n Q1321A), 3700n (p/n Q1322A), 3700dn (p/n Q1323A) and 3700dtn (p/n Q1324A).

## Product pointers

- See brilliant color and realistic images with new HP ColorSphere Toner and enhanced HP ImageREt 3600 color technology. This speedy, sophisticated printer is ideally suited for workteams that need high-impact color business documents in a flash.
- Brilliant color print quality plus easy to use features result in making you look good. The intelligence built into this printer and HP printing supplies enables easy installation, use, management and maintenance—saving you time and effort.
- HP reliability, compatible print drivers and efficient print speeds are built right in, so team productivity soars. Plus, you can upgrade memory and add networking as your needs grow. Management tools and HP supplies simplify your experience.

## Ordering information

Model Number	3800	3800n	3800dn	3800dtn
Commercial	Q5981A	Q5982A	Q5983A	Q5984A
Canada	Q5981A (ABA)	Q5982A (ABA)	Q5983A (ABA)	Q5984A (ABA)

## Compatibility

Operating System	3800	3800n	3800dn	3800dtn
<b>Standard Desktop</b>				
Windows 98	•	•	•	•
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	•	•	•	•
Windows XP	•	•	•	•
Windows Server 2003	•	•	•	•
Mac OS <sup>1</sup>	•	•	•	•
<b>Standard Network</b>				
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	–	•	•	•
Windows Server 2003	•	•	•	•
Windows XP/XP 64-bit	•	•	•	•
Other	Novell NetWare 3.2, 4.2, 5.x, 6.x (NDPS); Mac OS 8.6 and higher; Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and higher; MPE-iX; Citrix MetaFrame; Windows Terminal Services			
Windows 98	•	•	•	•
<b>Optional Desktop/Network</b>				
	Microsoft Windows 98, 2000, Me, XP Home, XP Professional, XP Professional x64 Edition, Server 2003, Mac OS 9.x, OS X			

<sup>1</sup>Mac OS 9.x and higher, OS X v 10.1.



HP Color LaserJet 3800dtn

## In the box

### All models:

- Print cartridges (1 each cyan, magenta, yellow, black)
  - Getting started guide
  - Software drivers and documentation on CD-ROM
  - Power cable
  - 100-sheet multipurpose tray
  - 250-sheet input tray
- 3800 only:**
- Hi-Speed USB 2.0 cable
- 3800n, 3800dn, 3800dtn only:**
- HP Jetdirect Fast Ethernet embedded print server
- 3800dn, 3800dtn only:**
- Automatic two-sided printing accessory
- 3800dtn only:**
- 500-sheet input tray

## Software

- Print drivers and installation software on CD-ROM (HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, HP LaserJet Utility, HP Easy Printer Care Software, Macintosh software, PostScript Printer Description)

## Shipping weight and shipping dimensions

- 3800: 66 lb 22.6 × 22.5 × 20.3 in
- 3800n: 66 lb 22.6 × 22.5 × 20.3 in
- 3800dn: 68 lb 22.6 × 22.5 × 21.2 in
- 3800dtn: 85 lb 22.6 × 22.5 × 31.9 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
  - 635n, IPv6/IPsec J7961A
- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A
  - ew2400 802.11g J7951A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite
- HP Care Pack options**
- Next Business Day Response:
    - 3 years H8037E
  - 4-Hour Response, Extended Business Hours:
    - 3 years H8038E
  - Installation Service:
    - 1 printer, 1 incident H4513E
    - 1 network configuration H3110E
  - Post Warranty Service, Next Business Day Response:
    - 1 year U8039PE
  - Post Warranty Service, 4-Hour Response, Extended Business Hours:
    - 1 year U8057PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-1440ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

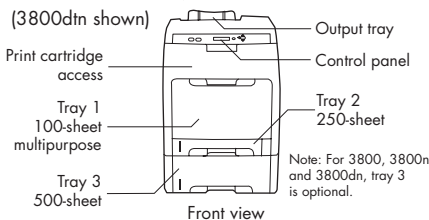
- Shaded rows indicate variations between models.
- See page 100 for complete specifications and comparisons to other HP LaserJet Printers.

	3800	3800n	3800dn	3800dm
<b>Product Number</b>	Q5981A	Q5982A	Q5983A	Q5984A
<b>Print Speed Black, Best Quality, Letter<sup>1</sup></b>	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm
<b>Print Speed Color, Best Quality, Letter<sup>1</sup></b>	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm
<b>First Page Out</b>	Ready state: <12 secs; Powersave: (from up to 5 hours): <14 secs; cold start: <86 secs	Ready state: <12 secs; Powersave: (from up to 5 hours): <14 secs; cold start: <86 secs	Ready state: <12 secs; Powersave: (from up to 5 hours): <14 secs; cold start: <86 secs	Ready state: <12 secs; Powersave: (from up to 5 hours): <14 secs; cold start: <86 secs
<b>Processor</b>	533 MHz	533 MHz	533 MHz	533 MHz
<b>Duty Cycle, Monthly</b>	65,000 pages	65,000 pages	65,000 pages	65,000 pages
<b>Paper Trays, Std</b>	2	2	2	3
<b>Input Capacity, Std</b>	350 sheets	350 sheets	350 sheets	850 sheets
<b>Output Capacity, Std</b>	250 sheets	250 sheets	250 sheets	250 sheets
<b>Two-Sided Printing</b>	Manual (driver support provided)	Manual (driver support provided)	Automatic (standard)	Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)	Letter, legal, 8.5 × 13 in, executive, statement, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet and optional 500-sheet input trays
<b>Memory, Std</b>	96 MB	160 MB	288 MB	288 MB
<b>Memory, Max</b>	544 MB	544 MB	544 MB	544 MB
<b>Connectivity, Std</b>	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots, HP Jetdirect Fast Ethernet embedded print server	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots, HP Jetdirect Fast Ethernet embedded print server	Hi-Speed USB 2.0 port, 1 available EIO slot (for optional network adapters, IEEE 1284B parallel port or hard disk), 3 Host-USB accessory slots, HP Jetdirect Fast Ethernet embedded print server
<b>Connectivity, Opt</b>	HP Jetdirect Fast Ethernet print servers, Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories	Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories	Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories	Gigabit Ethernet, 802.11b/g wireless LAN and other networking accessories
<b>Dimensions (W × D × H)</b>	15.7 × 17.7 × 15.7 in	15.7 × 17.7 × 15.7 in	15.7 × 17.7 × 16.7 in	15.7 × 17.7 × 22.2 in
<b>Print Languages, Std</b>	HP PCL 5c, HP PCL 6, HP Postscript Level 3 emulation	HP PCL 5c, HP PCL 6, HP Postscript Level 3 emulation	HP PCL 5c, HP PCL 6, HP Postscript Level 3 emulation	HP PCL 5c, HP PCL 6, HP Postscript Level 3 emulation

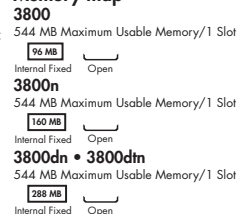
<sup>1</sup>Approximate figures. Exact speed will vary depending on the print settings, system configuration, software program and document complexity.

## HP Color LaserJet 3800 series

(3800dn shown)



### Memory map



## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridges with HP ColorSphere Toner (6,000<sup>1</sup>) Q6470A
- HP Color LaserJet Cyan Print Cartridges with HP ColorSphere Toner (6,000<sup>1</sup>) Q7581A
- HP Color LaserJet Yellow Print Cartridges with HP ColorSphere Toner (6,000<sup>1</sup>) Q7582A
- HP Color LaserJet Magenta Print Cartridges with HP ColorSphere Toner (6,000<sup>1</sup>) Q7583A

### Media

- HP Color Laser Presentation Paper, soft gloss, letter (200 sheets) Q6541A
- HP Color Laser Brochure, matte, letter (150 sheets) Q6543A
- HP Color Laser Photo Paper, matte, letter (100 sheets) Q6549A

### Paper-handling accessories

- 500-Sheet Input Tray Q5985A

### Memory and mass storage

- 20 GB EIO Hard Disk J6073A
- SDRAM DIMM (200-pin):  
128 MB Q7721A  
256 MB Q7722A  
512 MB Q7723A

### Cables

- USB Cable, A-B, 2 Meter C6518A

<sup>1</sup>Approximate page yield based on 5% coverage.

**New!****HP Color LaserJet 4700n, 4700dn, 4700dtn and 4700ph+ Printer**

Color network printer with powerful performance, advanced color with up to 4 additional paper trays, 750-sheet stapler/stacker automatic two-sided printing and stand (some models).

Replaces HP Color LaserJet 4650 (p/n Q3668A), 4650n (p/n Q3669A), 4650dn (p/n Q3670A), 4650dtn (p/n Q3671A) and 4650hdn (p/n Q3672A).

**Product pointers**

- Bring your business and marketing documents to life. HP color technologies, including new HP LaserJet ColorSphere Toner, produce crisp text and brilliant color for high-impact graphics and images. With HP papers, create even more stunning output.
- Powerful performance and HP reliability in a color printer designed for workgroups. You get superior productivity with fast printing and processing speeds, brilliant print quality, network management tools and an engine that's built to last.
- Work faster and more easily with a standard input capacity of 600 sheets (expandable up to 2,600 sheets) and up to 750 sheets of output with the stapler/stacker with job off-set (4700ph+). Vary output with a wide range of paper support—labels, glossy, photos and more.
- Designed for all around ease of use, this printer has management tools for increased efficiency, intelligent supplies and hardware, like the automatic media-type sensor, fewer parts to replace and consolidated ordering for a positive experience.

**Ordering information**

Model Number	4700n	4700dn	4700dtn	4700ph+
Commercial	Q7492A	Q7493A	Q7494A	Q7495A
Retail	Q7492A	Q7493A	Q7494A	Q7495A
Canada	Q7492A (ABA)	Q7493A (ABA)	Q7494A (ABA)	Q7495A (ABA)

**Compatibility**

Operating System	4700n	4700dn	4700dtn	4700ph+
<b>Standard Desktop</b>				
Windows 98	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	•	•	•	•
Windows XP	•	•	•	•
Windows Server 2003	•	•	•	•
Mac OS <sup>1</sup>	•	•	•	•
Other	UNIX, Linux, HP OpenVMS, OS/2			
<b>Standard Network</b>				
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	•	•	•	•
Windows Server 2003	•	•	•	•
Windows XP/XP 64-bit	•	•	•	•
Other	Mac OS 8.6; Novell NetWare 3.2, 4.2, 5.x, 6.x (NDPS); Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC system); IBM AIX 3.2.5 and higher; MPE-iX; Citrix MetaFrame; Windows Terminal Services			
Windows 98	•	•	•	•
<b>Optional Desktop/Network</b>				
Windows 98, 2000, Me, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS 9.x; Mac OS X				

<sup>1</sup>Mac OS 9.x and higher, OS X v 10.1.

**Additional information****Sales**

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-0588ENUC

**Service**

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hp.com](http://www.hp.com)

**Reseller**

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC



HP Color LaserJet 4700ph+

**In the box****All models:**

- Print cartridges (1 each, black, cyan, magenta, yellow)
- 100-sheet multipurpose tray
- Power cable
- IEEE 1284-C parallel cable
- Software drivers and documentation on CD-ROM
- Getting started guide
- 500-sheet input tray
- HP Jetdirect Fast Ethernet embedded print server
- **4700dn, 4700dtn, 4700ph+ only:**
  - Automatic two-sided printing
- **4700dtn only:**
  - Three 500-sheet input trays
- Printer stand
- **4700ph+ only:**
  - Stapler/Stacker
  - Four 500-sheet input trays

**Software**

- Print drivers and installation software on CD-ROM (HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, HP LaserJet Utility, Macintosh software, PostScript Printer Description)

**Shipping weight and shipping dimensions**

- 4700n 146.5 lb 32.01 × 26.02 × 33.58 in
- 4700dn: 149.5 lb 32.01 × 26.02 × 33.58 in
- 4700dtn: 324.06 lb 47.24 × 39.37 × 36.85 in
- 4700ph+: 396.72 lb 47.24 × 39.37 × 53.66 in

**Networking solutions**

See pages 284–293 for additional information.

**Print servers/adapters**

- HP Jetdirect internal:
  - 625n, Gigabit Ethernet J7960A
  - 635n, IPv6/IPsec J7961A
- HP Jetdirect external:
  - en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless:
  - ew2400 802.11g J7951A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

**Warranty and support**

See pages 308–313 for complete information.

**Standard warranty**

- 1 year, next-day, onsite warranty

**HP Care Pack options**

- Next Business Day Response:
  - 3 years H3113E
- 4-Hour Response, Extended Business Hours:
  - 3 years H3795E
- Installation Service:
  - 1 network configuration H2872E

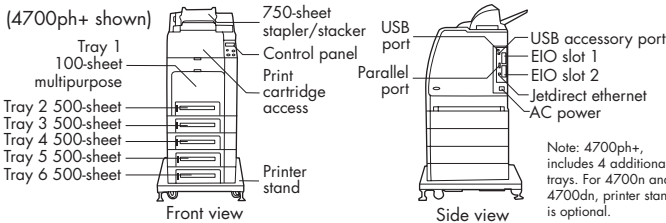
## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 100 for complete specifications and comparisons to other HP LaserJet Printers.

	4700n	4700dn	4700dtn	4700ph+
<b>Product Number</b>	<b>Q7492A</b>	<b>Q7493A</b>	<b>Q7494A</b>	<b>Q7495A</b>
<b>Print Speed Black, Best Quality, Letter<sup>1</sup></b>	Up to 31 ppm	Up to 31 ppm	Up to 31 ppm	Up to 31 ppm
<b>Print Speed Color, Best Quality, Letter<sup>1</sup></b>	Up to 31 ppm	Up to 31 ppm	Up to 31 ppm	Up to 31 ppm
<b>First Page Out</b>	Ready state: <10 secs; Powersave (from up to 5 hours): <16.5 secs; cold start: 142 secs	Ready state: <10 secs; Powersave (from up to 5 hours): <16.5 secs; cold start: 142 secs	Ready state: <10 secs; Powersave (from up to 5 hours): <16.5 secs; cold start: 142 secs	Ready state: <10 secs; Powersave (from up to 5 hours): <16.5 secs; cold start: 142 secs
<b>Processor</b>	533 MHz	533 MHz	533 MHz	533 MHz
<b>Duty Cycle, Monthly</b>	100,000 pages	100,000 pages	100,000 pages	100,000 pages
<b>Paper Trays, Std</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>6</b>
<b>Input Capacity, Std</b>	<b>600 sheets</b>	<b>600 sheets</b>	<b>Up to 1600</b>	<b>Up to 2600</b>
<b>Output Capacity, Std</b>	<b>500-sheet face-down output bin</b>	<b>500-sheet face-down output bin</b>	<b>500-sheet face-down output bin</b>	<b>Up to 750 (with stapler/stacker)</b>
<b>Print Quality</b>	HP ImageREt 3600	HP ImageREt 3600	HP ImageREt 3600	HP ImageREt 3600
<b>Two-Sided Printing</b>	<b>Yes, manual</b>	<b>Automatic (standard)</b>	<b>Automatic (standard)</b>	<b>Automatic (standard)</b>
<b>Media Sizes, Std</b>	Letter, legal, statement, executive, envelopes (No. 10, Monarch)	Letter, legal, statement, executive, envelopes (No. 10, Monarch)	Letter, legal, statement, executive, envelopes (No. 10, Monarch)	Letter, legal, statement, executive, envelopes (No. 10, Monarch)
<b>Memory, Std</b>	160 MB (128 MB DDR SDRAM, 32 MB Flash memory)	160 MB (128 MB DDR SDRAM, 32 MB Flash memory)	160 MB (128 MB DDR SDRAM, 32 MB Flash memory)	160 MB (128 MB DDR SDRAM, 32 MB Flash memory)
<b>Memory, Max</b>	544 MB (512 MB DDR SDRAM, 32 MB Flash memory on the formatter)	544 MB (512 MB DDR SDRAM, 32 MB Flash memory on the formatter)	544 MB (512 MB DDR SDRAM, 32 MB Flash memory on the formatter)	544 MB (512 MB DDR SDRAM, 32 MB Flash memory on the formatter)
<b>Connectivity, Std</b>	IEEE 1284C-compliant bidirectional parallel port, USB 2.0 Hi-Speed port (compatible with USB 2.0 specifications), 2 open EIO slots, foreign interface port, accessory port for third-party solutions	IEEE 1284C-compliant bidirectional parallel port, USB 2.0 Hi-Speed port (compatible with USB 2.0 specifications), 2 open EIO slots, foreign interface port, accessory port for third-party solutions	IEEE 1284C-compliant bidirectional parallel port, USB 2.0 Hi-Speed port (compatible with USB 2.0 specifications), 2 open EIO slots, foreign interface port, accessory port for third-party solutions	IEEE 1284C-compliant bidirectional parallel port, USB 2.0 Hi-Speed port (compatible with USB 2.0 specifications), 2 open EIO slots, foreign interface port, accessory port for third-party solutions
<b>Connectivity, Opt</b>	HP Jetdirect internal and external print servers, HP wireless print servers, Bluetooth wireless printer adapter	HP Jetdirect internal and external print servers, HP wireless print servers, Bluetooth wireless printer adapter	HP Jetdirect internal and external print servers, HP wireless print servers, Bluetooth wireless printer adapter	HP Jetdirect internal and external print servers, HP wireless print servers, Bluetooth wireless printer adapter

## HP Color LaserJet 4700 series

(4700ph+ shown)



### Memory map

#### 4700n

544 MB Maximum Usable Memory/2 Slots



#### 4700dn • 4700dtn

544 MB Maximum Usable Memory/2 Slots



#### 4700ph+

544 MB Maximum Usable Memory/2 Slots



Note: 4700ph+, includes 4 additional trays. For 4700n and 4700dn, printer stand is optional.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridges with HP ColorSphere Toner (11,000<sup>1</sup>) Q5950A
- HP Color LaserJet Cyan Print Cartridges with HP ColorSphere Toner (10,000<sup>1</sup>) Q5951A
- HP Color LaserJet Yellow Print Cartridges with HP ColorSphere Toner (10,000<sup>1</sup>) Q5952A
- HP Color LaserJet Magenta Print Cartridges with HP ColorSphere Toner (10,000<sup>1</sup>) Q5953A

### Media

- HP Color Laser Presentation Paper, soft gloss, letter (200 sheets) Q6541A
- HP Color Laser Brochure, matte, letter (150 sheets) Q6543A
- HP Color Laser Photo Paper, matte, letter (100 sheets) Q6549A
- HP Color Laser Photo & Imaging Paper, glossy letter (200 sheets) Q6545A

### Paper-handling accessories

- 750-Sheet Stapler/Stacker Q7003A
- Staple Cartridge (Stapler/Stacker) C8091A
- Printer Stand Q7501A
- 500-Sheet Input Tray Q7499A

### Memory and mass storage

- 40 GB EIO Hard Disk J6073A
- SDRAM DIMM (100-pin):
  - 128 MB Q2626A
  - 256 MB Q2627A
  - 512 MB Q2632A
- 32 MB Flash Memory Card Q2628A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables, A-C:
  - 3-meter C2946A
  - 10-Meter C2947A

### Maintenance kits

- Image Transfer Kit Q7504A
- Image Fuser Kits:
  - 110 volt Q7502A
  - 220 volt Q7503A

<sup>1</sup>Approximate page yield based on 5% coverage.

# HP Color LaserJet 5550n, 5550dn, 5550dtn and 5550hdn Printer

Get ultimate flexibility with this easy to use 11 x 17-inch color laser printer for the general office.

## Product pointers

- Create a professional image for your business. Whether you are printing spreadsheets, newsletters or brochures, this flexible color LaserJet printer series delivers brilliant print quality on a variety of paper types and sizes up to 11 x 17 inches.
- Increase the effectiveness of your business documents. HP print cartridges and ImageREt 3600 technology deliver smooth and continuous sharpness and clarity consistently, guaranteeing high-quality color and black and white documents.
- With reliable performance and robust networking options, this printer is ideal for high-volume color printing. Benefit from speeds of up to 27 ppm with a 16 second first page out from ready, a 533 MHz processor and up to 288 MB RAM standard.

## Ordering information

Model Number	5550n	5550dn	5550dtn	5550hdn
Commercial	Q3714A	Q3715A	Q3716A	Q3717A
Retail	Q3714A	Q3715A	Q3716A	Q3717A
Canada	Q3714A (ABA)	Q3715A (ABA)	Q3716A (ABA)	Q3717A (ABA)

## Compatibility

Operating System	5550n	5550dn	5550dtn	5550hdn
<b>Standard Desktop</b>				
Windows 98	•	•	•	•
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows XP	•	•	•	•
Windows Me	•	•	•	•
Windows Server 2003	•	•	•	•
Mac OS 9 and later	•	•	•	•
<b>Standard Network</b>				
Windows NT 4.0	•	•	•	•
Windows Server 2003	•	•	•	•
Windows XP/XP 64-bit	•	•	•	•
NetWare	•	•	•	•
UNIX (HP-UX, Solaris)	•	•	•	•
Linux (Red Hat, SuSE)	•	•	•	•
Mac OS	•	•	•	•
Other	Citrix MetaFrame, Windows Terminal Services	Citrix MetaFrame, Windows Terminal Services	Citrix MetaFrame, Windows Terminal Services	Citrix MetaFrame, Windows Terminal Services
<b>Optional</b>				
Desktop/Network	OS/2	OS/2	OS/2	OS/2

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data sheet 5982-6843ENUC

### Service

- Drivers: [www.hp.com/support/lj5550](http://www.hp.com/support/lj5550)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC



HP Color LaserJet 5550hdn

## In the box

### All models:

- Print cartridges (1 each black, cyan, magenta, yellow)
- Getting started guide
- Power cord
- Software and user's guide on CD-ROM
- Network installation guide

### 5550hdn only:

- Three additional 500-sheet input trays

### 5550dtn only:

- Additional 500-sheet input tray

### 5550dn, 5550hdn only:

- Printer stand
- **5550dn, 5550dtn, 5550hdn only:**
- Automatic two-sided printing accessory

## Software

- HP PCL 5c (provided on add printer install)
- Print drivers and installation software on CD-ROM [HP PCL 6, HP postscript level 3 emulation [32-bit drivers only]]

## Shipping weight and shipping dimensions

- 5550n 187 lb 39.2 x 30.2 x 32.4 in
- 5550dn 187 lb 39.2 x 30.2 x 32.4 in
- 5550dtn 303.6 lb 38.5 x 31.4 x 43.7 in
- 5550hdn 369.6 lb 38.5 x 31.4 x 53.5 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3264A
  - en3700, 10/100Base-TX (1-port) J7942A

### HP Jetdirect wireless:

- 680n, 802.11b J6058A
- ew2400, 802.11b/g J7951A

### Other

- HP Jetdirect Connectivity Card (EIO) for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:
  - 3 years H5549E
- 4-Hour Response, Extended Business Hours:
  - 3 years H2691E
- Installation Service:
  - 1 printer, 1 incident H4515E
  - 1 network configuration H2872E
- Post Warranty Service, Next Business Day Response:
  - 1 year H3184PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
  - 1 year U2035PE

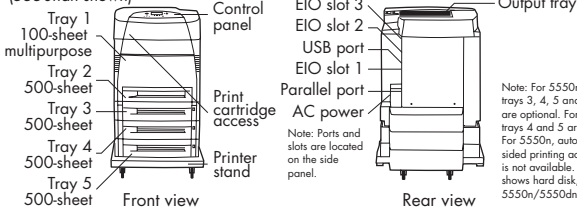
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 101 for complete specifications and comparisons to other HP LaserJet Printers.

	5550n	5550dn	5550dtn	5550hdn
<b>Product Number</b>	<b>Q3714A</b>	<b>Q3715A</b>	<b>Q3716A</b>	<b>Q3717A</b>
<b>Print Speed Black, Best Quality, Letter</b>	Up to 27 ppm	Up to 27 ppm	Up to 27 ppm	Up to 27 ppm
<b>Print Speed Color, Best Quality, Letter</b>	Up to 27 ppm	Up to 27 ppm	Up to 27 ppm	Up to 27 ppm
<b>First Page Out</b>	<16 secs	<16 secs	<16 secs	<16 secs
<b>Processor</b>	533 MHz	533 MHz	533 MHz	533 MHz
<b>Duty Cycle, Monthly</b>	120,000 pages	120,000 pages	120,000 pages	120,000 pages
<b>Paper Trays, Std</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>
<b>Paper Trays, Max</b>	5	5	5	5
<b>Input Capacity, Std</b>	<b>600 sheets</b>	<b>600 sheets</b>	<b>1,100 sheets</b>	<b>2,100 sheets</b>
<b>Input Capacity, Max</b>	2,100 sheets	2,100 sheets	2,100 sheets	2,100 sheets
<b>Output Capacity, Std</b>	250 sheets	250 sheets	250 sheets	250 sheets
<b>Two-Sided Printing</b>	<b>Manual (driver support provided)</b>	<b>Automatic (standard)</b>	<b>Automatic (standard)</b>	<b>Automatic (standard)</b>
<b>Media Sizes, Custom</b>	3 x 5 in to 12.05 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3, 4 and 5	3 x 5 in to 12.05 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3, 4 and 5	3 x 5 in to 12.05 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3, 4 and 5	3 x 5 in to 12.05 x 18.5 in, tray 1; 5.8 x 8.3 in to 11.7 x 17 in, trays 2, 3, 4 and 5
<b>Memory, Std</b>	<b>160 MB</b>	<b>160 MB</b>	<b>288 MB</b>	<b>288 MB</b>
<b>Memory, Max</b>	544 MB	544 MB	544 MB	544 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB 1.1, Jetlink, HP Jetdirect 620n in EIO slot, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, USB 1.1, Jetlink, HP Jetdirect 620n in EIO slot, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, USB 1.1, Jetlink, HP Jetdirect 620n in EIO slot, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, USB 1.1, Jetlink, HP Jetdirect 620n in EIO slot, 20 GB EIO hard disk in EIO slot, 1 open EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless

### HP Color LaserJet 5550 series

(5550hdn shown)



### Memory map

**5550n • 5550dn**  
544 MB Maximum Usable Memory/2 Slots



**5550dtn • 5550hdn**  
544 MB Maximum Usable Memory/2 Slots



**Note:** For 5550n/5550dn, trays 3, 4, 5 and printer stand are optional. For 5550dtn, trays 4 and 5 are optional. For 5550dn, automatic two-sided printing accessory is not available. EIO slot 2 shows hard disk, optional on 5550n/5550dn/5550dtn.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridge with Smart Printing Technology (13,000<sup>1</sup>) C9730A
- HP Color LaserJet Cyan Print Cartridge with Smart Printing Technology (12,000<sup>1</sup>) C9731A
- HP Color LaserJet Yellow Print Cartridge with Smart Printing Technology (12,000<sup>1</sup>) C9732A
- HP Color LaserJet Magenta Print Cartridge with Smart Printing Technology (12,000<sup>1</sup>) C9733A

### Media

- HP Color LaserJet Presentation Paper, soft gloss, letter (200 sheets) Q6541A
- HP Color LaserJet Brochure Paper, matte, letter (150 sheets) Q6543A
- HP Color LaserJet Photo and Imaging Paper, glossy, letter (200 sheets) Q6545A
- HP Color LaserJet Photo and Imaging Paper, matte, letter (100 sheets) Q6549A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Flash Memory Card 36596FB C06
- Tax 1 Flash Memory Card 36596FB 00T
- MICR Flash Memory Card 36596FB 612
- Scalable Code 39/OCR-B Flash Memory Card 36596FT 0W1
- 4 in 1 Scalable Barcode Flash Memory Card 36596FT 0104

### Paper-handling accessories

- 500-Sheet Input Tray (tray 3, 4 or 5) C7130B

### Memory and mass storage

- 20 GB EIO Hard Disk J6073A
- DDR DIMM (200-pin):  
128 MB Q2630A  
256 MB Q2631A  
512 MB Q2632A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables, A-C, 3-Meter C2946A

### Maintenance kits

- Image Transfer Kit C9734B
- Image Fuser Kits:  
110 volt Q3984A  
220 volt Q3985A

### Other

- Printer Stand C9669B

<sup>1</sup> Approximate page yield based on 5% coverage.



# HP Color LaserJet 9500n and 9500hdn Printer

A network-ready, high-volume color and black and white printer for the department or small office.

## Product pointers

- Built-in networking and high-volume printing support effortless color productivity.
- High-yield print cartridges, imaging drums and high-volume input trays that support a variety of papers and film allow printing without frequent intervention.
- HP ImageREt 4800—top of the line color laser imaging technology—delivers smooth and continuous imaging, text sharpness and line clarity that rival a commercial digital press when printed on HP High-Gloss Laser Paper.
- Enjoy low-cost printing for black and white or color documents and a low total cost of ownership with a 200,000 page-per-month duty cycle.

## Ordering information

Model Number	9500n	9500hdn
Commercial	C8546A (ABA)	C8547A (ABA)
Canada	C8546A (ABA/ABC)	C8547A (ABA/ABC)

## Compatibility

Operating System	9500n	9500hdn
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Mac OS	• <sup>1</sup>	• <sup>1</sup>
<b>Standard Network</b>		
Windows NT 4.0	•	•
NetWare	•	•
Mac OS	•	•
UNIX (HP-UX, Solaris)	•	•
Linux (Red Hat, SuSE)	•	•
Other	Windows Server 2003, IBM AIX, MPE-iX	Windows Server 2003, IBM AIX, MPE-iX

<sup>1</sup>Mac OS 8.6 to 9.x and OS X 10.1 or greater.



HP Color LaserJet 9500n

## In the box

### All models:

- Print cartridges (1 each black, cyan, magenta, yellow)
  - Software, documentation and user's guide on CD-ROM
  - Power cord
  - Paper sample guide
  - Control panel overlay
- 9500hdn only:**
- 2,000-sheet input tray
  - Automatic two-sided printing accessory

## Software

- Print drivers
- Installation software (PCL 5c, PCL 6, postscript emulation, Printer Status and Alerts, HP Web Jetadmin, HP LaserJet Utility [for Mac only])

## Shipping weight and shipping dimensions

- 9500n 384.2 lb 47.24 x 40.24 x 51.69 in
- 9500hdn 437.22 lb 47.24 x 40.24 x 58.58 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 500x, 10/100Base-TX (3-port) J3265A
  - 170x, 10Base-T (1-port) J3258C
- HP Jetdirect wireless:
  - 680n, 802.11b J6058A

### Other

- HP Jetdirect Connectivity Card for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:
  - 3 years U6487E
- 4-Hour Response, Extended Business Hours:
  - 3 years U6488E
- Installation Service:
  - 1 printer, 1 incident H4513A
  - 1 network configuration H2872E
- Post Warranty Service, Next Business Day Response:
  - 1 year U6493PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
  - 1 year U6494PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-5009ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://partner.americas.hp.com>

### Supplies and accessories

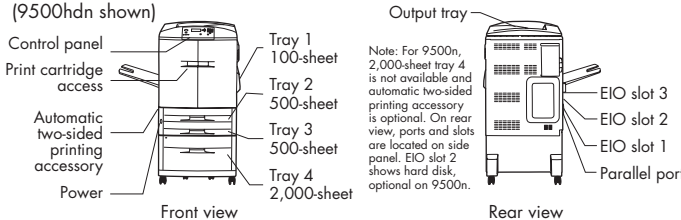
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 101 for complete specifications and comparisons to other HP LaserJet Printers.

	9500n	9500hdn
<b>Product Number</b>	C8546A	C8547A
<b>Print Speed Black, Best Quality, Letter</b>	Up to 24 ppm	Up to 24 ppm
<b>Print Speed Color, Best Quality, Letter</b>	Up to 24 ppm	Up to 24 ppm
<b>First Page Out</b>	Ready state: 17.5 secs; Powersave (idle less than 1 hour): 2.5 mins; cold start or power-up: 5.9 mins	Ready state: 17.5 secs; Powersave (idle less than 1 hour): 2.5 mins; cold start or power-up: 5.9 mins
<b>Processor</b>	500 MHz	500 MHz
<b>Duty Cycle, Monthly</b>	200,000 pages	200,000 pages
<b>Paper Trays, Std</b>	3	4
<b>Paper Trays, Max</b>	3	4
<b>Input Capacity, Std</b>	1,100 sheets	3,100 sheets
<b>Input Capacity, Max</b>	1,100 sheets	3,100 sheets
<b>Output Capacity, Std</b>	600 sheets	600 sheets
<b>Output Capacity Max</b>	600 sheets	3,500 sheets
<b>Envelope Input, Max</b>	10	10
<b>Two-Sided Printing</b>	Automatic (optional)	Automatic (standard)
<b>Media Sizes, Std</b>	Letter, legal, executive, tabloid, foolscap, envelopes	Letter, legal, executive, tabloid, foolscap, envelopes
<b>Memory, Std</b>	160 MB	288 MB
<b>Memory, Max</b>	416 MB	416 MB
<b>Typefaces</b>	80 built-in scalable PCL, 80 built-in scalable PostScript	80 built-in scalable PCL, 80 built-in scalable PostScript
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, Jetlink, HP Jetdirect 620n print server in EIO slot, 2 open EIO slots	IEEE 1284-compliant bidirectional parallel, Jetlink, HP Jetdirect 620n print server in EIO slot, hard disk in EIO slot, 1 open EIO slot
<b>Connectivity, Opt</b>	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk	Fast Infrared (FIR), HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk
<b>Print Languages, Std</b>	HP PCL 5c, PCL 6, HP postscript level 3 emulation, direct PDF	HP PCL 5c, PCL 6, HP postscript level 3 emulation, direct PDF

### HP Color LaserJet 9500 series (9500hdn shown)



### Memory map

#### 9500n

416 MB Maximum Usable Memory/3 Slots



#### 9500hdn

416 MB Maximum Usable Memory/3 Slots



4 DIMM slots (J1, J2, J3, J4); J1 slot is taken by flashable firmware DIMM, 3 DIMM slots (J2, J3, J4) can receive 168-pin, non-parity, SDRAM memory modules; extended data output (EDO) DIMMs are not supported; CAUTION: J4 slot is not available if J5 (100-pin slot) is occupied.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8550A
- HP Color LaserJet Cyan Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8551A
- HP Color LaserJet Yellow Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8552A
- HP Color LaserJet Magenta Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8553A

### Media

- HP Color LaserJet Presentation Paper, soft gloss, letter (200 sheets) Q6541A
- HP Color LaserJet Brochure Paper, matte, letter (150 sheets) Q6543A
- HP Color LaserJet Photo and Imaging Paper, glossy, letter (200 sheets) Q6545A
- HP Color LaserJet Photo and Imaging Laser Paper, matte, letter (100 sheets)

### Q6549A

### Paper-handling accessories

- 3,000-Sheet Stacker C8084A
- 3,000-Sheet Stapler/Stacker C8085A
- Automatic Two-Sided Printing Accessory C9674A
- Multifunction Finisher C8088A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More DIMM 36596DB C06
- 4 in 1 Barcode DIMM 36596DT 0104
- Tax 1 DIMM 36596DB 00T
- Scalable Code 39/OCR-B DIMM 36596DT 0W1

### Memory and mass storage

- SDRAM DIMM (168-pin):
  - 64 MB C7848A
  - 128 MB C7850A
  - 256 MB C9653A
- 20 GB EIO Hard Disk (std on 9500hdn) J6073A

### Other

- Imaging Drums:
  - 40,000-Page Black C8560A
  - 40,000-Page Cyan C8561A
  - 40,000-Page Yellow C8562A
  - 40,000-Page Magenta C8563A
- 50,000-Page Image Cleaning Kit C8554A
- 200,000-Page Image Transfer Kit C8555A
- 100,000-Page Image Fuser Kit C8556A

<sup>1</sup> Approximate page yield based on 5% coverage.

# HP Designjet Printer Specifications



**30 • 30n**  
**C7790D • C7790E**



**70**  
**Q6655A**

<b>Print Speed:</b>		
<b>Draft Quality</b>	Up to 0.3 mpp (color image on coated paper, B-size)	Up to 1 mpp (color image on coated paper, B-size)
<b>Normal Quality</b>	Up to 1.6 mpp (color image on coated paper, B-size)	Up to 2.5 mpp (color image on coated paper, B-size)
<b>Best Quality</b>	Up to 3.7 mpp (color image on coated paper, B-size)	Up to 5 mpp (color image on coated paper, B-size)
<b>Paper Trays, Std</b>	1	1
<b>Paper Trays, Max</b>	1	1
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies
<b>Media Sizes, Std</b>	Postcard, letter, legal, B (13 × 19 in), B+	Letter, legal, tabloid, executive, C, envelopes, banners
<b>Media Sizes, Custom</b>	3 × 5 in to 13 × 19 in	3 × 5.6 in to 18 × 24 in
<b>Print Length, Max</b>	19 in	50 ft (application dependent) with optional roll feed
<b>Media Width, Max</b>	13 in	24.6 in
<b>Media Handling/ Document Finishing</b>	70-sheet input tray, front single-sheet feed, manual single-sheet rear path, 50-sheet output tray	70-sheet input tray, front single-sheet feed, single-sheet rear path for thick media, 50-sheet output tray, optional roll feed
<b>Memory, Std</b>	64 MB	64 MB
<b>Memory, Max</b>	64 MB	64 MB
<b>Typefaces</b>	None	None
<b>Connectivity, Std</b>	<b>30:</b> USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot; <b>30n:</b> USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), HP Jetdirect 620n card in EIO slot	USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Quality:</b>		
<b>Black Best</b>	Not available	1200 × 600 dpi
<b>Color Best</b>	Up to 2400 × 1200 dpi	1200 × 600 dpi
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)	69 ml (black), 28 ml (each cyan, magenta, yellow)
<b>Ink Types</b>	Dye-based HP Vivera Inks	Pigment-based black, dye-based color
<b>Color Technology</b>	HP Color Layering technology, PhotoREt IV	HP Color Layering technology
<b>Print Languages, Std</b>	PCL 3-GUI RGB 24-bit contone	HP PCL 3-GUI
<b>Print Languages, Opt</b>	Adobe PostScript 3 via software RIP	None
<b>Dimensions (W × D × H)</b>	29 × 17 × 9 in	35 × 33.9 × 8.7 in
<b>Weight</b>	28 lb	40.8 lb

# HP Designjet Printer Specifications



**90 • 90r • 90gp**  
**Q6656A • Q6656B • Q6656C**



**110plus • 110plus nr**  
**C7796D • C7796E**

<b>Print Speed:</b>		
<b>Draft Quality</b>	Up to 0.4 mpp (color image on coated paper, B-size)	Up to 1.5 mpp (color image on coated paper, D-size), up to 1 mpp (color image on coated paper, B-size)
<b>Normal Quality</b>	Up to 1.9 mpp (color image on coated paper, B-size)	Up to 5 mpp (color image on coated paper, D-size), up to 2.5 mpp (color image on coated paper, B-size)
<b>Best Quality</b>	Up to 4.2 mpp (color image on coated paper, B-size)	Up to 13.5 mpp (color image on coated paper, D-size), up to 5 mpp (color image on coated paper, B-size)
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies	Paper (plain, inkjet, coated, heavyweight, semi-gloss, glossy, proofing, photo, brochure/flyer, natural tracing), vellum, translucent bond, transparencies
<b>Media Sizes, Std</b>	<b>90:</b> Letter, legal, tabloid, executive, C, envelopes; <b>90r/90gp:</b> Letter, legal, tabloid, executive, C, envelopes, banners	Letter, legal, tabloid, C, D, D+, envelopes
<b>Media Sizes, Custom</b>	<b>90:</b> 3 × 5.6 in to 18 × 24 in; <b>90r/90gp:</b> 3 × 5.6 in to 18 × 24 in sheet; 18 in roll (width)	3 × 5.6 in to 18 × 24 in, tray 1; 4.3 × 8.1 in to 24.6 × 63.98 in, manual sheet feed and rear path; up to 24 in, roll feed by rear path
<b>Print Length, Max</b>	<b>90:</b> 50 ft (application dependent) with roll feed; <b>90r/90gp:</b> 50 ft (application dependent)	Rolls: 50 ft; sheets: 63.98 in
<b>Media Width, Max</b>	18 in	24.6 in
<b>Media Handling/ Document Finishing</b>	<b>90:</b> 70-sheet input tray, manual single-sheet feed, rear path, optional roll feed with automatic cutter; <b>90r/90gp:</b> 70-sheet input tray, manual single-sheet feed, rear path, roll feed with automatic cutter	<b>110plus:</b> 70-sheet C-size input tray, manual single-sheet feed, single-sheet rear path for thick media, optional automatic roll feed; <b>110plus nr:</b> 70-sheet C-size input tray, manual single-sheet feed, single-sheet rear path for thick media, automatic roll feed
<b>Memory, Std</b>	64 MB	64 MB
<b>Memory, Max</b>	64 MB	64 MB
<b>Typefaces</b>	None	None
<b>Connectivity, Std</b>	USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot	<b>110plus:</b> USB 1.1 (USB 2.0-compliant), IEEE 1284-compliant bidirectional parallel (ECP), 1 EIO slot; <b>110plus nr:</b> USB 1.1 (USB 2.0-compliant), IEEE 1284-compliant bidirectional parallel (ECP), 1 EIO slot, HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Quality:</b>		
<b>Black Best</b>	1200 × 600 dpi	1200 × 600 dpi
<b>Color Best</b>	2400 × 1200 dpi	1200 × 600 dpi
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Color Technology</b>	HP Color Layering Technology, HP PhotoREt IV	HP PhotoREt III
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)	69 ml (black), 28 ml (each cyan, magenta, yellow)
<b>Ink Types</b>	Dye-based HP Vivera Inks	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	PCL 3-GUI RGB 24-bit Contone	HP PCL 3-GUI
<b>Print Languages, Opt</b>	Adobe PostScript 3 via software RIP	Not applicable
<b>Paper Trays, Std</b>	1	1
<b>Dimensions (W × D × H)</b>	<b>90:</b> 35 × 15.7 × 8.7 in; <b>90r/90gp:</b> 35 × 20.5 × 8.7 in	<b>110plus:</b> 41 × 16.3 × 8.7 in; <b>110plus nr:</b> 41 × 21 × 8.7 in
<b>Weight</b>	<b>90:</b> 40.8 lb; <b>90r/90gp:</b> 43 lb	<b>110plus:</b> 48.5 lb; <b>110plus nr:</b> 50.7 lb



**130 • 130nr • 130gp**  
**C7791C • C7791D • C7791E**

<b>Media Sizes, Std</b>	Letter, legal, tabloid, executive, C, D, C+, D+, envelopes, banners
<b>Media Sizes, Custom</b>	<b>130:</b> 3 × 5.6 in to 24.6 × 64 in; <b>130nr/130gp:</b> 3 × 5.6 in to 24.6 × 64 in, rolls up to 24 in wide
<b>Media Width, Max</b>	24.6 in
<b>Print Length, Max</b>	Rolls: 50 ft; sheets: 64 in
<b>Print Technology</b>	HP Color Thermal Inkjet
<b>Color Technology</b>	HP Color Layering Technology, HP PhotoREt IV
<b>Print Quality:</b>	
<b>Black Best</b>	Not available
<b>Color Best</b>	2400 × 1200 dpi
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Cartridge Capacity</b>	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)
<b>Ink Types</b>	Dye-based HP Viverna Inks
<b>Print Languages, Std</b>	HP PCL 3-GUI RGB-24 bit contone
<b>Print Languages, Opt</b>	Adobe PostScript 3 via software RIP
<b>Paper Trays, Std</b>	1
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies
<b>Media Handling/ Document Finishing</b>	<b>130:</b> Sheet feed (70-sheet input tray, manual single-sheet feed, rear path), optional automatic roll feed with cutter; <b>130nr/130gp:</b> Sheet feed (70-sheet input tray, manual single-sheet feed, rear path), automatic roll feed with cutter
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Connectivity, Std</b>	<b>130:</b> USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot; <b>130nr/130gp:</b> USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot, HP Jetdirect 620n LAN card
<b>Connectivity, Opt</b>	HP Jetdirect internal and wireless print servers
<b>Print Speed:</b>	
<b>Draft Quality</b>	Up to 1.2 mpp (color image on coated paper, D-size)
<b>Normal Quality</b>	Up to 5.3 mpp (color image on coated paper, D-size)
<b>Best Quality</b>	Up to 12.1 mpp (color image on coated paper, D-size)
<b>Typefaces</b>	None
<b>Dimensions (W × D × H)</b>	<b>130:</b> 41 × 16 × 9 in; <b>130nr/130gp:</b> 41 × 21 × 9 in
<b>Weight</b>	<b>130:</b> 48.5 lb; <b>130nr/130gp:</b> 50.7 lb

# HP Designjet Printer Specifications



500 (24-in model) • 500 (42-in model)  
C7769B • C7770B



800 (24-in model) • 800 (42-in model) •  
800ps (24-in model) • 800ps (42-in model)  
C7779B • C7780B • C7779C • C7780C

<b>Media Sizes, Std</b>	<b>500 (24-in):</b> 8.3- to 24-in wide sheets; 24-in rolls; <b>500 (42-in):</b> 8.3- to 42-in wide sheets; 24- to 42-in rolls	<b>800/800ps (24-in):</b> 8.3- to 24-in wide sheets; 24-in rolls; <b>800/800ps (42-in):</b> 8.3- to 42-in wide sheets; 24- to 42-in rolls
<b>Media Sizes, Custom</b>	<b>500 (24-in):</b> 8.3 × 8.3 in to 24 in × 150 ft; <b>500 (42-in):</b> 8.3 × 8.3 in to 42 in × 150 ft	<b>800/800ps (24-in):</b> 8.3 × 8.3 in to 24 in × 150 ft; <b>800/800ps (42-in):</b> 8.3 × 8.3 in to 42 in × 150 ft
<b>Media Width, Max</b>	<b>500 (24-in):</b> 24 in; <b>500 (42-in):</b> 42 in	<b>800/800ps (24-in):</b> 24 in; <b>800/800ps (42-in):</b> 42 in
<b>Print Length, Max</b>	150 ft	150 ft
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Quality:</b>		
<b>Black Best</b>	1200 × 600 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)
<b>Color Best</b>	1200 × 600 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)
<b>Prints Color</b>	Yes	Yes
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	69 ml	69 ml
<b>Ink Types</b>	Pigment-based black, dye-based color	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	HP PCL 3-GUI	<b>800:</b> HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHraster Plus); <b>800ps:</b> Adobe PostScript 3, HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHraster Plus)
<b>Print Languages, Opt</b>	HP-GL/2, HP RTL via HP-GL/2 accessory card, Adobe PostScript 3 via optional software RIP	None
<b>Media Types</b>	Technical papers and films, bond and coated papers, photographic paper, plus selected durable, specialty and basic printing materials	Technical papers and films, bond and coated papers, photographic paper, plus selected durable, specialty and basic printing materials
<b>Media Handling/ Document Finishing</b>	Single-sheet feed, roll feed, automatic cutter	Single-sheet feed, roll feed, automatic cutter
<b>Memory, Std</b>	16 MB	<b>800:</b> 96 MB, 6.0 GB hard disk; <b>800ps:</b> 160 MB, 6.0 GB hard disk
<b>Memory, Max</b>	160 MB using HP-GL/2 via accessory card	160 MB, 6.0 GB hard disk
<b>Connectivity, Std</b>	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, Me, 2000, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x), 1 EIO slot	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, 2000, Me, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x only), HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	HP Jetdirect internal and external print servers, HP-GL/2 accessory card	HP Jetdirect internal, external and wireless print servers
<b>Print Speed:</b>		
<b>Draft Quality</b>	Up to 3.5 mpp (color image on coated paper, D-size)	Up to 3.5 mpp (color image on coated paper, D-size)
<b>Normal Quality</b>	Up to 7 mpp (color image on coated paper, D-size)	Up to 7 mpp (color image on coated paper, D-size)
<b>Best Quality</b>	Up to 11.5 mpp (color image on coated paper, D-size)	Up to 11.5 mpp (color image on coated paper, D-size)
<b>Typefaces</b>	None	<b>800:</b> None; <b>800ps:</b> 136 PostScript
<b>Dimensions (W × D × H)</b>	<b>500 (24-in):</b> 49 × 19 × 14 in; <b>500 (42-in):</b> 67 × 27 × 43 in	<b>800/800ps (24-in):</b> 49 × 19 × 14 in; <b>800/800ps (42-in):</b> 67 × 27 × 43 in
<b>Weight</b>	<b>500 (24-in):</b> 85 lb; <b>500 (42-in):</b> 99 lb	<b>800/800ps (24-in):</b> 85 lb; <b>800/800ps (42-in):</b> 99 lb



**1050c Plus • 1055cm Plus**  
**C6074B • C6075B**



**4000 • 4000ps**  
**Q1273A • Q1274A**

<b>Media Sizes, Std</b>	8.3- to 36-in wide sheets; 24- and 36-in rolls	B, C, D, E (sheets and rolls up to 42 in wide)
<b>Media Sizes, Custom</b>	8.3 × 8.3 in to 36 in × 300 ft	Up to 42 in × 300 ft
<b>Media Width, Max</b>	36 in	42 in
<b>Print Length, Max</b>	300 ft	300 ft
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Quality:</b>		
<b>Black Best</b>	1200 dpi	Up to 2400 × 1200 optimized dpi (from 1200 × 1200 dpi input on glossy media)
<b>Color Best</b>	600 dpi	Up to 2400 × 1200 optimized dpi (from 1200 × 1200 dpi input on glossy media)
<b>Prints Color</b>	Yes	Yes
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	175 ml, 350 ml	225 ml, 400 ml
<b>Ink Types</b>	Pigment-based black, dye-based color	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	<b>1050c Plus:</b> HP-GL/2, HP-GL, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRRaster Plus); <b>1055cm Plus:</b> HP-GL/2, HP-GL, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRRaster Plus), Adobe PostScript 3	<b>4000:</b> HP-GL/2, HP RTL, TIFF, JPEG, CALS-G4; <b>4000ps:</b> Adobe PostScript Level 3, Adobe PDF 1.5, HP-GL/2, HP RTL, TIFF, JPEG, CALS G4
<b>Print Languages, Opt</b>	<b>1050c Plus:</b> Adobe PostScript 3; <b>1055cm Plus:</b> None	None
<b>Media Types</b>	Basic printing materials, technical papers and films, bond and coated papers, selected photographic, durable and specialty printing materials	Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss, glossy, translucent bond, natural tracing, photo, vellum), film, canvas
<b>Media Handling/ Document Finishing</b>	Dual path for sheet and roll feed, automatic cutter	Manual single sheetfeed, roll feed, automatic cutter
<b>Memory, Std</b>	<b>1050c Plus:</b> 64 MB; <b>1055cm Plus:</b> 64 MB, 7.5 GB hard disk	256 MB, 40 GB hard disk
<b>Memory, Max</b>	<b>1050c Plus:</b> 256 MB, 2.0 GB hard disk; <b>1055cm Plus:</b> 256 MB, 7.5 GB hard disk	512 MB, 40 GB hard disk
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server in EIO slot	Fast Ethernet (10/100 Mbps), FireWire (IEEE-1394a compliant), 1 EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal and external print servers	HP Jetdirect 620n print server, HP Jetdirect 40d Gigabit print server, High Speed USB 2.0 card
<b>Print Speed:</b>		
<b>Draft Quality</b>	Up to 1.5 mpp (color image on coated paper, D-size)	Up to 1.2 mpp (color image on coated paper, D-size)
<b>Normal Quality</b>	Up to 2.5 mpp (color image on coated paper, D-size)	Up to 3.3 mpp (color image on coated paper, D-size)
<b>Best Quality</b>	Up to 8.5 mpp (color image on coated paper, D-size)	Up to 5.2 mpp (color image on coated paper, D-size)
<b>Typefaces</b>	<b>1050c Plus:</b> None; <b>1055cm Plus:</b> 136 PostScript	None
<b>Dimensions (W × D × H)</b>	62 × 27 × 51 in	76 × 31.5 × 53.2 in
<b>Weight</b>	178 lb	253.5 lb



# HP Designjet Printer Specifications



5500 (42-in model) • 5500 (60-in model) • 5500ps (42-in model) • 5500ps (60-in model) • 5500 UV (42-in model) • 5500 UV (60-in model) • 5500ps UV (42-in model) • 5500ps UV (60-in model) Q1251A • Q1253A • Q1252A • Q1254A • Q1251V • Q1253V • Q1252V • Q1254V

<b>Media Sizes, Std</b>	5500/5500ps/5500 UV/5500ps UV (42 in): Sheets up to 42-in wide; 24-, 36- and 42-in rolls; 5500/5500ps/5500 UV/5500ps UV (60 in): Sheets up to 42-in wide; 24-, 36-, 42- and 60-in rolls
<b>Media Sizes, Custom</b>	5500/5500ps/5500 UV/5500ps UV (42 in): 8.3 × 22 in to 36 × 63 in; 5500/5500ps/5500 UV/5500ps UV (60 in): 8.3 × 22 in to 60 × 63 in
<b>Media Width, Max</b>	5500/5500ps/5500 UV/5500ps UV (42 in): 42 in; 5500/5500ps/5500 UV/5500ps UV (60 in): 60 in
<b>Print Length, Max</b>	300 ft
<b>Print Technology</b>	HP Color Thermal Inkjet
<b>Print Quality:</b>	
<b>Black Best</b>	1200 × 600 dpi (on glossy media)
<b>Color Best</b>	1200 × 600 dpi (on glossy media)
<b>Prints Color</b>	Yes
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Cartridge Capacity</b>	680 ml
<b>Ink Types</b>	Dye-based imaging, pigment-based UV <sup>1</sup>
<b>Print Languages, Std</b>	5500/5500 UV: TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL; 5500ps/5500ps UV: Adobe PDF 1.3, PostScript 3, TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL
<b>Print Languages, Opt</b>	None
<b>Media Types</b>	Basic printing materials, selected technical papers and films, selected photographic, durable and specialty printing materials
<b>Media Handling/ Document Finishing</b>	5500/5500ps/5500 UV/5500ps UV (42 in): Roll feed, sheet-feed, automatic cutter, optional take-up reel; 5500/5500ps/5500 UV/5500ps UV (60 in): Roll feed, sheet-feed, automatic cutter, take-up reel
<b>Memory, Std</b>	5500/5500 UV: 128 MB, 40 GB hard disk; 5500ps/5500ps UV: 256 MB, 40 GB hard disk
<b>Memory, Max</b>	256 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers
<b>Print Speed:</b>	
<b>Draft Quality</b>	5500/5500ps: Up to 1 mpp (color image on coated paper, D-size); 5500 UV/5500ps UV: Up to 1.5 mpp (color image on coated paper, D-size)
<b>Normal Quality</b>	Up to 4.5 mpp (color image on coated paper, D-size)
<b>Best Quality</b>	5500/5500ps: Up to 4.5 mpp (color image on coated paper, D-size); 5500 UV/5500ps UV: Up to 7 mpp (color image on coated paper, D-size)
<b>Typefaces</b>	5500/5500 UV: None; 5500ps/5500ps UV: 136 PostScript Roman fonts built-in
<b>Dimensions (W × D × H)</b>	5500/5500ps/5500 UV/5500ps UV (42 in): 78 × 27 × 50 in; 5500/5500ps/5500 UV/5500ps UV (60 in): 96 × 27 × 50 in
<b>Weight</b>	5500/5500ps/5500 UV/5500ps UV (42 in): 220 lb; 5500/5500ps/5500 UV/5500ps UV (60 in): 264 lb

<sup>1</sup> Dye-based standard on "A" models, pigment-based UV standard on "V" models



**815mfp  
Q1279A**



**4200  
Q1280A**

<b>Media Sizes, Std</b>	8.3- to 42-in wide sheets; 24-, 36- and 42-in rolls	Printer-dependent
<b>Media Sizes, Custom</b>	8.3 × 8.3 in to 42 in × 50 ft	Printer-dependent
<b>Media Width, Max</b>	Printer: 42 in; scanner: 43 in	43 in
<b>Print Length, Max</b>	150 ft	Printer-dependent
<b>Print Technology</b>	HP Color Thermal Inkjet	Printer-dependent
<b>Print Quality:</b>		
<b>Black Best</b>	2400 × 1200 dpi (on HP Premium Photo Paper)	Printer-dependent
<b>Color Best</b>	2400 × 1200 dpi (on HP Premium Photo Paper)	Printer-dependent
<b>Prints Color</b>	Yes	Printer-dependent
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	Printer-dependent
<b>Print Cartridge Capacity</b>	69 ml	Printer-dependent
<b>Ink Types</b>	Pigment-based black, dye-based color	Printer-dependent
<b>Print Languages, Std</b>	Adobe PostScript 3, HP-GL/2, HP RTL, CALS G4	Printer-dependent
<b>Print Languages, Opt</b>	None	Printer-dependent
<b>Media Types</b>	Printer: technical papers and films, bond and coated papers, photographic paper, plus selected durable, specialty and basic printing materials; scanner: non-abrasive paper, vellum, mylar, sepia, blueprints, plastic film, plastic laminate, foam board, cardboard	Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic film, plastic laminate, foam board, cardboard (no plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, burned surfaces)
<b>Media Handling/ Document Finishing</b>	Printer: single-sheet feed, roll feed, automatic cutter, standard bin; scanner: straight-through paper path for sheet and cardboard originals, all-wheel drive (contour adjustment, precision rollers)	Straight-through scan paper path for sheet and cardboard originals, output basket, all-wheel drive (contour adjustment, precision rollers)
<b>Memory, Std</b>	Printer: 160 MB, 6 GB disk; Touchscreen: 256 MB, 14 GB disk	Touchscreen: 256 MB, 14 GB disk
<b>Memory, Max</b>	Printer: 160 MB, 6 GB disk; Touchscreen: 256 MB, 14 GB disk	Touchscreen: 256 MB, 14 GB disk
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel (ECP), HP Jetdirect 620n internal print server for Fast Ethernet 10/100Base-TX in EIO slot, Fast Ethernet 10/100Base-TX network interface for scan features	Fast Ethernet 10/100Base-TX network card
<b>Connectivity, Opt</b>	HP Jetdirect (EIO) internal print servers	None
<b>Print Speed:</b>		
<b>Draft Quality</b>	Up to 3.5 mpp (color image on coated paper, D-size)	Printer-dependent
<b>Normal Quality</b>	Up to 7 mpp (color image on coated paper, D-size)	Printer-dependent
<b>Best Quality</b>	Up to 11.5 mpp (color image on coated paper, D-size)	Printer-dependent
<b>Typefaces</b>	136 PostScript built-in Roman fonts	Printer-dependent
<b>Dimensions (W × D × H)</b>	80 × 33 × 59 in	72 × 30 × 49 in
<b>Weight</b>	396.8 lb	211 lb

# HP Designjet 30 and 30n Printer

This wide-format printer series delivers consistent color with fade-resistant, photo quality.



HP Designjet 30

## Product pointers

- Impressive photo quality with new fade-resistant, dye-based HP inks, 2400 dpi and a four-picoliter ink drop size for fine details, smooth tonal transition and excellent image quality.
- HP color technologies—including Automatic Closed Loop Color Calibration—deliver reliable, consistent color results. Get fast color stability, so proofs are ready for real-time review and approval.
- See results and get client approval fast by printing up to 1.6 minutes per page for B-size in normal mode. Optimized graphics drivers with RGB ICC profile support and optional RIP support both Mac and Windows.
- A multi-media tutorial helps users get results without a lot of trial and error. HP's on-line knowledge center provides step-by-step guides specific to your application, computer system and workflow. And HP's custom color profiling service provides high-quality ICC profiles for creative professional whose work demands superior color accuracy.

## Ordering information

	30	30n
Model Number	30	30n
Commercial	C7790D	C7790E
Canada	C7790D (A2L)	C7790E (A2L)

## Compatibility

	30	30n
<b>Operating System</b>		
<b>Standard Desktop</b>		
Windows 98	•	•
Windows NT 4.0	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Mac OS	• <sup>1</sup>	• <sup>1</sup>
Other	Windows Server 2003	Windows Server 2003
<b>Standard Network</b>		
Windows NT 4.0	—	• <sup>2</sup>
Windows 2000	—	• <sup>2</sup>
Windows XP	—	•
Mac OS	—	•
<b>Optional</b>		
Desktop/Network	Same as Standard Network	— on 30n via HP Jetdirect print servers

<sup>1</sup>Mac OS 9.1, 9.2, OS X 10.1.5, 10.2.2 (and later versions of 10.2), 10.3.

<sup>2</sup>Microsoft Windows NT 4.0 Server and 2000 Server.

## In the box

### All models:

- Power cord
- Printheads (6) and print cartridges (6)
- Input/output tray
- User documentation and software on CD-ROM
- Color management tutorial CD
- Setup poster
- Quick start guide
- Media samples
- Customer care document

### 30n only:

- HP Jetdirect 620n Print Server

## Software

- Raster driver for Mac OS (9.x, 10.1, 10.2, 10.3)
- PCL 3-GUI Windows driver, Microsoft Windows drivers (95, 98, Me, NT 4.0, 2000, XP) including support for AutoCAD 2000, USB, ECP drivers

## Shipping weight and shipping dimensions

- 30 41.4 lb 33.9 x 23.3 x 15.3 in
- 30n 41.6 lb 33.9 x 23.3 x 15.3 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
  - 170x, 10Base-T (1-port) J3258C
  - en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Exchange
- **HP Care Pack options**
- Next Day Exchange:
  - 3 years H7708E
- Remote Color Profiling:
  - 1 profile UC217E
  - 3 profiles UC218E
- Post Warranty Service, Next Day Exchange:
  - 1 year U3531PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5982-5477ENUC

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

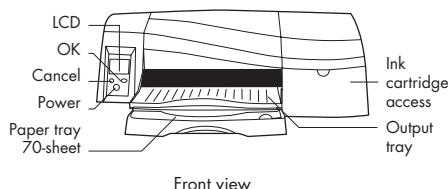
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

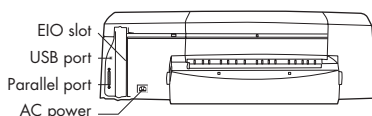
- Shaded rows indicate variations between models.
- See page 141 for complete specifications and comparisons to other HP Designjet Printers.

	30	30n
<b>Product Number</b>	<b>C7790D</b>	<b>C7790E</b>
<b>Media Sizes, Std</b>	Postcard, letter, legal, B (13 × 19 in), B+	Postcard, letter, legal, B (13 × 19 in), B+
<b>Media Sizes, Custom</b>	3 × 5 in to 13 × 19 in	3 × 5 in to 13 × 19 in
<b>Print Quality, Color Best</b>	Up to 2400 × 1200 dpi	Up to 2400 × 1200 dpi
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Cartridge Capacity</b>	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)
<b>Ink Types</b>	Dye-based HP Viverna Inks	Dye-based HP Viverna Inks
<b>Ink Drop Size</b>	4 picoliter	4 picoliter
<b>Print Languages, Std</b>	PCL 3-GUI RGB 24-bit contone	PCL 3-GUI RGB 24-bit contone
<b>Print Languages, Opt</b>	Adobe PostScript 3 via software RIP	Adobe PostScript 3 via software RIP
<b>Paper Trays, Std</b>	1	1
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies
<b>Media Handling/ Document Finishing</b>	70-sheet input tray, front single-sheet feed, manual single-sheet rear path, 50-sheet output tray	70-sheet input tray, front single-sheet feed, manual single-sheet rear path, 50-sheet output tray
<b>Memory, Std</b>	64 MB	64 MB
<b>Memory, Max</b>	64 MB	64 MB
<b>Connectivity, Std</b>	<b>USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot</b>	<b>USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), HP Jetdirect 620n card in EIO slot</b>
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Speed Color:</b>		
<b>Draft Quality</b>	Up to 0.3 mpp (color image on coated paper, B-size)	Up to 0.3 mpp (color image on coated paper, B-size)
<b>Normal Quality</b>	Up to 1.6 mpp (color image on coated paper, B-size)	Up to 1.6 mpp (color image on coated paper, B-size)
<b>Best Quality</b>	Up to 3.7 mpp (color image on coated paper, B-size)	Up to 3.7 mpp (color image on coated paper, B-size)

## HP Designjet 30 series (30 shown)



Front view



Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 84 Ink Cartridge, black C5016A
- HP 84 Printhead, black C5019A
- HP 84 3-Ink Black Cartridge Multipack C9430A
- HP 85 Ink Cartridges:
  - Cyan C9425A
  - Magenta C9426A
  - Yellow C9427A
  - Light Cyan C9428A
  - Light Magenta C9429A

### • HP 85 Printheads:

- Cyan C9420A
  - Magenta C9421A
  - Yellow C9422A
  - Light Cyan C9423A
  - Light Magenta C9424A
- HP 85 3-Ink Multipacks:
- Cyan C9431A
  - Magenta C9432A
  - Yellow C9433A
  - Light Cyan C9434A
  - Light Magenta C9435A

### Other

- EFI Designer Edition 4.2 for HPM Q6641C

# HP Designjet 70 Printer

Fast printing up to C-size in full color—for technical, business and education professionals.



HP Designjet 70

## Product pointers

- Enlarge your vision with size and color. Show detail in complex CAD drawings and other work with C-size printing. Add color to increase the effectiveness and impact of your work with patented, dye-based color inks.
- Create impressive results with meticulous ink placement, detailed images and brilliant color. Daily business documents, customer presentations and precision CAD drawings come to life with proprietary HP ink cartridges and precision printheads.
- Cost-effective to own and operate, this business printer supports a wide range of print media, prints color and saves time and money with individually replaceable HP printing supplies, precision printheads, roll feed and intelligent previewing.

## Ordering information

<b>Model Number</b>	70
<b>Commercial</b>	Q6655A
<b>Canada</b>	Q6655A (A2L)

## Compatibility

<b>Operating System</b>	70
<b>Standard Desktop</b>	
Windows 98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2, 10.3	•
Mac OS 9.x	•
<b>Optional</b>	
Desktop/Network	Windows (Server 2003, XP), Mac OS 9.x, Mac OS X (10.2, 10.3)

## In the box

- Power cord
- Printheads (4) and print cartridges (4)
- Input/output tray
- User documentation and drivers on CD-ROM
- Setup poster
- Quick reference guide
- Customer service guide

## Software

- HP Designjet Software for Windows and Macintosh
- Raster driver for Mac OS (9.x, X, 10.2, 10.3)
- PCL 3-GUI Windows driver
- Microsoft Windows drivers (98, Me, 2000, XP) including support for AutoCAD 2000 and R14 drivers
- USB and ECP drivers

## Shipping weight and shipping dimensions

- 70 66 lb 43 x 22 x 20 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect internal:  
620n, Fast Ethernet J7934A
- HP Jetdirect external:  
175x, 10/100Base-TX (1-port) J6035D  
en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:  
380x, 802.11b J6061A  
680n, 802.11b J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Exchange

### HP Care Pack options

- Next Day Exchange:  
3 years U3423E
- Installation Service:  
1 printer, 1 incident UC743E  
1 network configuration UC744E
- Post Warranty Service,  
Next Day Exchange:  
1 year U3530PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5983-2281EN

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- **Third-party solutions**
- [www.hpjsc.com](http://www.hpjsc.com)

### Reseller

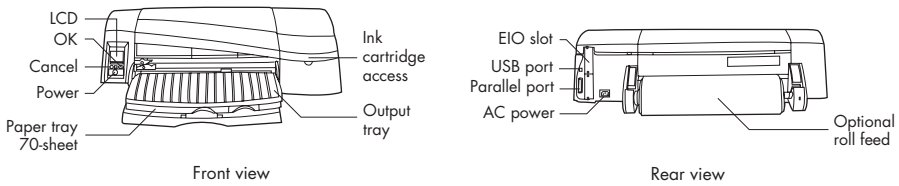
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- See page 141 for complete specifications and comparisons to other HP Designjet Printers.

70	
<b>Product Number</b>	<b>Q6655A</b>
<b>Print Speed Color:</b>	
<b>Draft Quality</b>	Up to 1 mpp (color image on coated paper, B-size)
<b>Normal Quality</b>	Up to 2.5 mpp (color image on coated paper, B-size)
<b>Best Quality</b>	Up to 5 mpp (color image on coated paper, B-size)
<b>Paper Trays, Std</b>	1
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies
<b>Media Sizes, Std</b>	Letter, legal, tabloid, executive, C, envelopes, banners
<b>Media Sizes, Custom</b>	3 × 5.6 in to 18 × 24 in
<b>Print Length, Max</b>	50 ft (application dependent) with optional roll feed
<b>Media Width, Max</b>	24.6 in
<b>Media Handling/ Document Finishing</b>	70-sheet input tray, front single-sheet feed, single-sheet rear path for thick media, 50-sheet output tray, optional roll feed
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Connectivity, Std</b>	USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers
<b>Print Quality, Color Best</b>	1200 × 600 dpi
<b>Print Technology</b>	HP Color Thermal Inkjet
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)
<b>Ink Types</b>	Pigment-based black, dye-based color
<b>Color Technology</b>	HP Color Layering technology
<b>Print Languages, Std</b>	HP PCL 3-GUI

## HP Designjet 70



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 11 Ink Cartridges:
  - Cyan C4836AN
  - Magenta C4837AN
  - Yellow C4838AN
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

### Paper-handling accessories

- Roll Feed Q6662A
- Spindle Q6661A

## New!

# HP Designjet 90, 90r and 90gp Printer

A professional C-size graphics printer that delivers predictable color and optimal image quality.



HP Designjet 90r

## Product pointers

- For creative professionals who need a superior color experience, HP delivers with Professional Color Technologies, HP Viverna Inks and HP papers that work in sync to produce rich, vibrant colors and extraordinary, fade-resistant image quality.
- Focus on creativity with this easy—yet high-performance—printer. It has fast print speeds, optimized drivers supporting the most current Mac and Windows operating systems and media-handling capabilities that enhance productivity.
- Let talent be the focus with features that eliminate the need to reprint and were designed to be convenient—saving valuable time. Plus, cost-effective supplies and low purchase price make good business sense.
- A multi-media tutorial helps users get results without a lot of trial and error. HP's on-line knowledge center provides step-by-step guides specific to your application, computer system and workflow. And HP's custom color profiling service provides high-quality ICC profiles for creative professionals whose work demands superior color accuracy.
- The HP Designjet 90gp, with an easy to use HP Colorimeter, display profiling and calibration software, plus ICC profiles—all powered by GretagMacbeth™ technology—helps provide color management and consistency throughout the digital workflow.

## Ordering information

Model Number	90	90r	90gp
Commercial	Q6656A	Q6656B	Q6656C
Canada	Q6656A (A2L)	Q6656B (A2L)	Q6656C (A2L)

## Compatibility

Operating System	90	90r	90gp
<b>Standard Desktop</b>			
Windows 98 SE	•	•	•
Windows 2000	•	•	•
Windows XP	•	•	•
Windows Me	•	•	•
Mac OS X 10.2, 10.3	•	•	•
Mac OS 9.x	•	•	•
<b>Optional</b>			
Desktop/Network	Windows (98 SE, Me, 2000, 2003, XP), Mac OS 9.x, Mac OS X (10.2, 10.3)	Windows (98 SE, Me, 2000, 2003, XP), Mac OS 9.x, Mac OS X (10.2, 10.3)	Windows (98 SE, Me, 2000, 2003, XP), Mac OS 9.x, Mac OS X (10.2, 10.3)

## In the box

### All models:

- Print cartridges (6) and printheads (6)
- Power cord
- Input/output tray
- Driver & documentation CD
- Setup poster
- Quick reference guide
- Media samples
- Customer service guide
- Input tray cover
- Color management tutorial CD

### 90r, 90gp only:

- Roll feed
- Spindle assembly
- 90gp only:**
- HP colorimeter and monitor profiling software

## Software

- HP Designjet Software for Windows and Macintosh
- Raster driver for Mac OS (9.x; X 10.2, 10.3)
- PCL 3-GUI Windows driver
- Microsoft Windows drivers (98, Me, 2000, XP)

## Shipping weight and shipping dimensions

- |        |       |                 |
|--------|-------|-----------------|
| • 90   | 68 lb | 43 × 22 × 20 in |
| • 90r  | 73 lb | 43 × 22 × 20 in |
| • 90gp | 73 lb | 43 × 22 × 20 in |

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 635n, IPv6/IPsec J7961A
- HP Jetdirect external:
  - en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A
  - 680n, 802.11b J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Exchange
- HP Care Pack options**
- Next Day Exchange:
  - 3 years U3423E
- Remote Color Profiling:
  - 1 profile UC217E
  - 3 profiles UC218E
- Installation Service:
  - 1 printer, 1 incident UC743E
  - 1 network configuration UC744E
- Post Warranty Service, Next Day Exchange:
  - 1 year U3530PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5983-1027ENUC

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

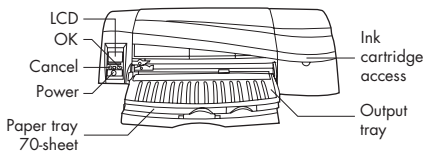
## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 142 for complete specifications and comparisons to other HP Designjet Printers.

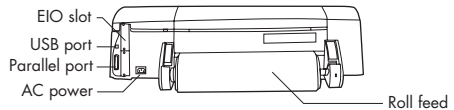
	90	90r	90gp
<b>Product Number</b>	<b>Q6656A</b>	<b>Q6656B</b>	<b>Q6656C</b>
<b>Print Speed Color:</b>			
<b>Draft Quality</b>	Up to 0.4 mpp (color image on coated paper, B-size)	Up to 0.4 mpp (color image on coated paper, B-size)	Up to 0.4 mpp (color image on coated paper, B-size)
<b>Normal Quality</b>	Up to 1.9 mpp (color image on coated paper, B-size)	Up to 1.9 mpp (color image on coated paper, B-size)	Up to 1.9 mpp (color image on coated paper, B-size)
<b>Best Quality</b>	Up to 4.2 mpp (color image on coated paper, B-size)	Up to 4.2 mpp (color image on coated paper, B-size)	Up to 4.2 mpp (color image on coated paper, B-size)
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies
<b>Media Sizes, Std</b>	<b>Letter, legal, tabloid, executive, C, envelopes</b>	<b>Letter, legal, tabloid, executive, C, envelopes, banners</b>	<b>Letter, legal, tabloid, executive, C, envelopes, banners</b>
<b>Media Sizes, Custom</b>	<b>3 × 5.6 in to 18 × 24 in</b>	<b>3 × 5.6 in to 18 × 24 in sheet; 18 in roll (width)</b>	<b>3 × 5.6 in to 18 × 24 in sheet; 18 in roll (width)</b>
<b>Print Length, Max</b>	<b>50 ft (application dependent) with optional roll feed</b>	<b>50 ft (application dependent)</b>	<b>50 ft (application dependent)</b>
<b>Media Width, Max</b>	18 in	18 in	18 in
<b>Media Handling/ Document Finishing</b>	<b>70-sheet input tray, manual single-sheet feed, rear path, optional roll feed with automatic cutter</b>	<b>70-sheet input tray, manual single-sheet feed, rear path, roll feed with automatic cutter</b>	<b>70-sheet input tray, manual single-sheet feed, rear path, roll feed with automatic cutter</b>
<b>Memory, Std</b>	64 MB	64 MB	64 MB
<b>Memory, Max</b>	64 MB	64 MB	64 MB
<b>Connectivity, Std</b>	USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot	USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot	USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Quality, Color Best</b>	2400 × 1200 dpi	2400 × 1200 dpi	2400 × 1200 dpi
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Cartridge Capacity</b>	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)
<b>Ink Types</b>	Dye-based HP Vivera Inks	Dye-based HP Vivera Inks	Dye-based HP Vivera Inks
<b>Print Languages, Std</b>	PCL 3-GUI RGB 24-bit Contone	PCL 3-GUI RGB 24-bit Contone	PCL 3-GUI RGB 24-bit Contone
<b>Print Languages, Opt</b>	Adobe PostScript 3 via software RIP	Adobe PostScript 3 via software RIP	Adobe PostScript 3 via software RIP
<b>Dimensions (W × D × H)</b>	<b>35 × 15.7 × 8.7 in</b>	<b>35 × 20.5 × 8.7 in</b>	<b>35 × 20.5 × 8.7 in</b>

## HP Designjet 90 series

(90r shown)



Front view



Rear view

Note: For 90, roll feed is optional

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 84 Ink Cartridge, black C5016A
- HP 84 Printhead, black C5019A
- HP 84 3-Ink Black Cartridge Multipack C9430A
- HP 85 Ink Cartridges:
  - Cyan C9425A
  - Magenta C9426A
  - Yellow C9427A
  - Light Cyan C9428A
  - Light Magenta C9429A
- HP 85 Printheads:
  - Cyan C9420A
  - Yellow C9421A
  - Light Cyan C9422A
  - Light Magenta C9423A
  - Light Magenta C9424A
- HP 85 3-Ink Multipacks:
  - Cyan C9431A
  - Magenta C9432A
  - Yellow C9433A
  - Light Cyan C9434A
  - Light Magenta C9435A

### Paper-handling accessories

- Roll Feed Q6662A
- Spindle Q6661A

### Other

- EFI Designer Edition 4.2 for HP XL Q6643C
- EFI Designer Edition 4.2 for HP M Q6641C



# HP Designjet 110plus and 110plus nr Multi-Format Printer

Color printer that handles a wide range of sizes for CAD, business and education professionals.

## Product pointers

- Expand your in-house color printing capabilities to include a wide range of media sizes and types with this versatile multi-format color printer—equipped with C-size tray, an automatic roll feeder and three media paths that support media up to 24 inches.
- Get high-quality results and reliable performance. HP Color Layering Technology and 1200 dpi resolution deliver detailed image quality and vibrant color, while black pigmented HP ink ensures top quality schematics and lasting results for archiving CAD drawings.
- Own an affordable color printer that allows you to print standard and oversize printing with no outsourcing. The low purchase price and low cost of operation make owning the printer efficient and cost-effective.

## Ordering information

	110plus	110plus nr
Model Number	C7796D	C7796E
Commercial	C7796D (A2L)	C7796E (A2L)
Canada	C7796D (A2L)	C7796E (A2L)

## Compatibility

Operating System	110plus	110plus nr
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT 4.0	•	•
Windows 2000	•	•
Windows XP	•	•
Windows Me	•	•
Mac OS 9.2	•	•
Mac OS X 10.2, 10.3 and later	•	•
<b>Standard Network</b>		
Windows Server 2003	–	•
Mac OS 9.1	–	•
Mac OS X 10.1.5 and later	–	•
<b>Optional</b>		
Desktop/Network	Same as Standard Network – on 110plus nr via HP JETdirect print servers	–



HP Designjet 110plus

## In the box

### All models:

- Customer service guide
- Input C-size tray
- Output tray
- Power cord
- Printheads (4) and print cartridges (4)
- Quick start guide
- Setup poster
- User documentation and software on CD-ROM

### 110plus nr only:

- Automatic roll feeder

## Software

- HP Designjet System Maintenance
- PCL 3-GUI Windows driver
- Raster driver for Mac OS (9.x, X.1, X.2, X.3)
- USB and ECP drivers
- Windows drivers (95, 98, Me, NT 4.0, 2000, XP) including support for AutoCAD 2000 and AutoCAD 13, 14 drivers

## Shipping weight and shipping dimensions

- 110plus 75 lb 46.9 × 21.5 × 19.4 in
- 110plus nr 75.5 lb 46.9 × 21.5 × 19.4 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP JETdirect internal: 620n, Fast Ethernet J7934A
- HP JETdirect external: 300x, 10/100Base-TX (1-port) J3263A  
500x, 10/100Base-TX (3-port) J3265A  
170x, 10Base-T (1-port) J3258C
- HP JETdirect wireless: 380x, 802.11b J6061A  
680n, 802.11b J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Next Business Day Exchange

### HP Care Pack options

- Next Day Exchange: 3 years U3423E
- Installation Service: 1 printer, 1 incident UC743E  
1 network configuration UC744E
- Post Warranty Service, Next Day Exchange: 1 year U3530PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5982-6844ENUC

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- Third-party solutions [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- Supplies and accessories [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

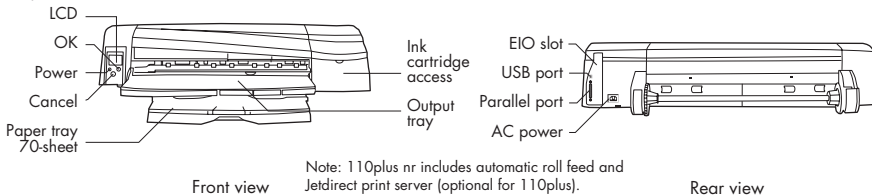
## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 142 for complete specifications and comparisons to other HP Designjet Printers.

	110plus	110plus nr
<b>Product Number</b>	<b>C7796D</b>	<b>C7796E</b>
<b>Media Sizes, Std</b>	Letter, legal, tabloid, C, D, D+, envelopes	Letter, legal, tabloid, C, D, D+, envelopes
<b>Media Sizes, Custom</b>	3 × 5.6 in to 18 × 24 in, tray 1; 4.3 × 8.1 in to 24.6 × 63.98 in, manual sheet feed and rear path; up to 24 in, roll feed by rear path	3 × 5.6 in to 18 × 24 in, tray 1; 4.3 × 8.1 in to 24.6 × 63.98 in, manual sheet feed and rear path; up to 24 in, roll feed by rear path
<b>Media Width, Max</b>	24.6 in	24.6 in
<b>Print Length, Max</b>	Rolls: 50 ft; sheets: 63.98 in	Rolls: 50 ft; sheets: 63.98 in
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Color Technology</b>	HP PhotoREt III	HP PhotoREt III
<b>Print Quality, Black Best</b>	1200 × 600 dpi	1200 × 600 dpi
<b>Print Quality, Color Best</b>	1200 × 600 dpi	1200 × 600 dpi
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Ink Types</b>	Pigment-based black, dye-based color	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	HP PCL 3-GUI	HP PCL 3-GUI
<b>Paper Trays, Std</b>	1	1
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight, semi-gloss, glossy, proofing, photo, brochure/flyer, natural tracing), vellum, translucent bond, transparencies	Paper (plain, inkjet, coated, heavyweight, semi-gloss, glossy, proofing, photo, brochure/flyer, natural tracing), vellum, translucent bond, transparencies
<b>Media Handling/ Document Finishing</b>	70-sheet C-size input tray, manual single-sheet feed, single-sheet rear path for thick media, optional automatic roll feed	70-sheet C-size input tray, manual single-sheet feed, single-sheet rear path for thick media, automatic roll feed
<b>Memory, Std</b>	64 MB	64 MB
<b>Memory, Max</b>	64 MB	64 MB
<b>Connectivity, Std</b>	USB 1.1 (USB 2.0-compliant), IEEE 1284-compliant bidirectional parallel (ECP), 1 EIO slot	USB 1.1 (USB 2.0-compliant), IEEE 1284-compliant bidirectional parallel (ECP), 1 EIO slot, HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Speed Color, Draft Quality</b>	Up to 1.5 mpp (color image on coated paper, D-size), up to 1 mpp (color image on coated paper, B-size)	Up to 1.5 mpp (color image on coated paper, D-size), up to 1 mpp (color image on coated paper, B-size)
<b>Print Speed Color, Normal Quality</b>	Up to 5 mpp (color image on coated paper, D-size), up to 2.5 mpp (color image on coated paper, B-size)	Up to 5 mpp (color image on coated paper, D-size), up to 2.5 mpp (color image on coated paper, B-size)
<b>Print Speed Color, Best Quality</b>	Up to 13.5 mpp (color image on coated paper, D-size), up to 5 mpp (color image on coated paper, B-size)	Up to 13.5 mpp (color image on coated paper, D-size), up to 5 mpp (color image on coated paper, B-size)

## HP Designjet 110plus series

(110plus shown)



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

Ink	Paper-handling accessories	Other
• HP 10 Black Ink Cartridge C4844A	• Roll Feed with Automatic Cutter (std on 110plus nr) Q1247A	• Stand and Bin Q1246A
• HP 11 Ink Cartridges:	• Spindle Q1264A	
Cyan C4836AN		
Magenta C4837AN		
Yellow C4838AN		
• HP 11 Printheads:		
Black C4810A		
Cyan C4811A		
Magenta C4812A		
Yellow C4813A		

## New!

# HP Designjet 130, 130nr and 130gp Multi-Format Printer

This six-color graphics printer delivers fade-resistant photo quality with consistent color.



HP Designjet 130gp

## Product pointers

- Impressive photo quality with new fade-resistant, dye-based HP inks, 2400 dpi, and a four-picoliter ink drop size for fine details, smooth tonal transition and excellent image quality.
- C-size tray, automatic roll feeder (standard on 130nr/130gp) and rear paper path for thick media give flexible printing in an array of sizes from postcard to banner in widths up to 24 inches.
- See results and get client approval fast by printing up to 5.3 mpp for B-size in normal mode. Optimized graphics drivers with RGB ICC profile support and optional RIP support both Mac and Windows.
- With HP color technologies—including Automatic Closed Loop Color Calibration—this series delivers reliable, consistent color results. Get fast color stability, so proofs are ready for real-time review and approval.
- A multi-media tutorial helps users get results without a lot of trial and error. HP's on-line knowledge center provides step by step guides specific to your application, computer system and workflow. And HP's custom color profiling service provides high-quality ICC profiles for creative professionals whose work demands superior color accuracy.
- The HP Designjet 130gp, with an easy-to-use HP Colorimeter, display profiling and calibration software, plus ICC profiles—all powered by GretagMacbeth™ technology—helps provide color management and consistency throughout the digital workflow.

## Ordering information

Model Number	130	130nr	130gp
Commercial	C7791C (A2L)	C7791D (A2L)	C7791E (A2L)
Canada	C7791C (A2L)	C7791D (A2L)	C7791E (A2L)

## Compatibility

Operating System	130	130nr	130gp
<b>Standard Desktop</b>			
Windows 98	•	•	•
Windows NT 4.0	•	•	•
Windows 2000	•	•	•
Windows Me	•	•	•
Windows XP	•	•	•
Mac OS	• <sup>1</sup>	• <sup>1</sup>	•
Other	Windows Server 2003	Windows Server 2003	Windows Server 2003
<b>Standard Network</b>			
Windows NT 4.0	—	• <sup>2</sup>	• <sup>2</sup>
Windows 2000	—	• <sup>2</sup>	• <sup>2</sup>
Mac OS	—	•	•
<b>Optional</b>			
Desktop/Network	Same as Standard Desktop/Network on 130nr via HP Jetdirect print servers	—	—

<sup>1</sup>Mac OS 9.1, 9.2, OS X 10.1.5, 10.2.2 (and later versions of 10.2), 10.3.

<sup>2</sup>Windows NT 4.0 Server and 2000 Server.

## In the box

### All models:

- Power cord
- Printheads (6) and print cartridges (6)
- Input/output tray
- User documentation and software on CD-ROM
- Setup poster
- Quick start guide
- Customer care document
- Media samples
- Color management tutorial CD

### 130nr, 130gp only:

- Automatic roll feed
- HP Jetdirect print server

### 130gp only:

- HP colorimeter and monitor profiling software

## Software

- HP Designjet Software for Windows and Macintosh
- Raster driver for Mac (OS 9.x, 10.1, 10.2, 10.3)
- PCL 3-GUI Windows driver
- Drivers for Windows (95, 98, Me, NT 4.0, 2000, XP) including support for AutoCAD 2000
- USB and ECP drivers

## Shipping weight and shipping dimensions

- 130 74.6 lb 46.9 × 21.5 × 19.5 in
- 130nr 81.2 lb 46.9 × 21.5 × 19.5 in
- 130gp 81.2 lb 46.9 × 21.5 × 19.5 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 635n, IPv6/IPsec J7961A
- HP Jetdirect external (supports PML only with internal cards):
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
  - 170x, 10Base-T (1-port) J3258C
  - en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Exchange

### HP Care Pack options

- Next Day Exchange:
  - 3 years U3423E
- Remote Color Profiling:
  - 1 profile UC217E
  - 3 profiles UC218E
- Post Warranty Service,
  - Next Day Exchange:
    - 1 year U3530PE

## Additional information

### Sales

- www.designjet.hp.com
- Data Sheet 5982-5478ENUC

### Service

- Drivers: www.designjet.hp.com
- Third-party solutions
  - www.hpgsc.com

### Reseller

- http://hp.com/partners/us

### Supplies and accessories

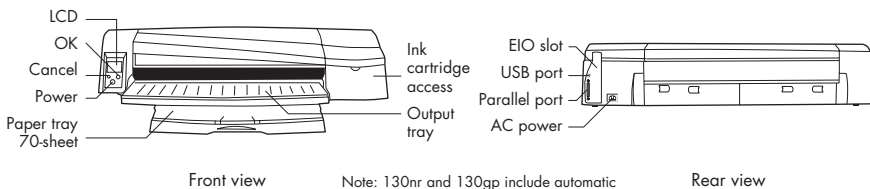
- www.hp.com
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 143 for complete specifications.

	130	130nr	130gp
<b>Product Number</b>	<b>C7791C</b>	<b>C7791D</b>	<b>C7791E</b>
<b>Media Sizes, Std</b>	Letter, legal, tabloid, executive, C, D, C+, D+, envelopes, banners	Letter, legal, tabloid, executive, C, D, C+, D+, envelopes, banners	Letter, legal, tabloid, executive, C, D, C+, D+, envelopes, banners
<b>Media Sizes, Custom</b>	<b>3 × 5.6 in to 24.6 × 64 in</b>	<b>3 × 5.6 in to 24.6 × 64 in, rolls up to 24-inch wide</b>	<b>3 × 5.6 in to 24.6 × 64 in, rolls up to 24-inch wide</b>
<b>Media Width, Max</b>	24.6 in	24.6 in	24.6 in
<b>Print Length, Max</b>	Rolls: 50 ft; sheets: 64 in	Rolls: 50 ft; sheets: 64 in	Rolls: 50 ft; sheets: 64 in
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Color Technology</b>	HP Color Layering Technology, HP PhotoREt IV	HP Color Layering Technology, HP PhotoREt IV	HP Color Layering Technology, HP PhotoREt IV
<b>Print Quality, Color Best</b>	2400 × 1200 dpi	2400 × 1200 dpi	2400 × 1200 dpi
<b>Prints Color</b>	Yes	Yes	Yes
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Cartridge Capacity</b>	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)	69 ml (each black, yellow, light cyan, light magenta), 28 ml (each cyan, magenta)
<b>Ink Types</b>	Dye-based HP Vivera Inks	Dye-based HP Vivera Inks	Dye-based HP Vivera Inks
<b>Print Languages, Std</b>	HP PCL 3-GUI RGB-24 bit contone	HP PCL 3-GUI RGB-24 bit contone	HP PCL 3-GUI RGB-24 bit contone
<b>Print Languages, Opt</b>	Adobe PostScript 3 via software RIP	Adobe PostScript 3 via software RIP	Adobe PostScript 3 via software RIP
<b>Paper Trays, Std</b>	1	1	1
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, brochure/flyer), transparencies
<b>Media Handling/ Document Finishing</b>	<b>Sheet feed (70-sheet input tray, manual single-sheet feed, rear path), optional roll feed with automatic cutter</b>	<b>Sheet feed (70-sheet input tray, manual single-sheet feed, rear path), roll feed with automatic cutter</b>	<b>Sheet feed (70-sheet input tray, manual single-sheet feed, rear path), roll feed with automatic cutter</b>
<b>Memory, Std</b>	64 MB	64 MB	64 MB
<b>Memory, Max</b>	64 MB	64 MB	64 MB
<b>Connectivity, Std</b>	<b>USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot</b>	<b>USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot, HP Jetdirect 620n LAN card</b>	<b>USB 1.1 (USB 2.0-compliant), Centronics parallel IEEE-1284 (ECP-compliant), 1 EIO slot, HP Jetdirect 620n LAN card</b>
<b>Connectivity, Opt</b>	HP Jetdirect internal and wireless print servers	HP Jetdirect internal and wireless print servers	HP Jetdirect internal and wireless print servers
<b>Print Speed:</b>			
<b>Draft Quality</b>	Up to 1.2 mpp (color image on coated paper, D-size)	Up to 1.2 mpp (color image on coated paper, D-size)	Up to 1.2 mpp (color image on coated paper, D-size)
<b>Normal Quality</b>	Up to 5.3 mpp (color image on coated paper, D-size)	Up to 5.3 mpp (color image on coated paper, D-size)	Up to 5.3 mpp (color image on coated paper, D-size)
<b>Best Quality</b>	Up to 12.1 mpp (color image on coated paper, D-size)	Up to 12.1 mpp (color image on coated paper, D-size)	Up to 12.1 mpp (color image on coated paper, D-size)

## HP Designjet 130 series (130 shown)



Front view

Note: 130nr and 130gp include automatic roll feed with automatic cutter and HP Jetdirect 620n LAN card (optional for 130).

Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 84 Ink Cartridge, black C5016A
- HP 84 Printhead, black C5019A
- HP 84 3-Ink Black Cartridge Multipack C9430A
- HP 85 Ink Cartridges:
  - Cyan C9425A
  - Magenta C9426A
  - Yellow C9427A
  - Light Cyan C9428A
  - Light Magenta C9429A

### • HP 85 Printheads:

- Cyan C9420A
- Magenta C9421A
- Yellow C9422A
- Light Cyan C9423A
- Light Magenta C9424A

### • HP 85 3-Ink Multipacks:

- Cyan C9431A
- Magenta C9432A
- Yellow C9433A
- Light Cyan C9434A
- Light Magenta C9435A

### Paper-handling accessories

- Spindle Q1264A
- Roll Feed with Automatic Cutter (std on 130nr/130gp) Q1247A

### Other

- Stand and Bin Q1246A
- EFI Designer Edition 4.2 for HP XL Q6643C

# HP Designjet 500 Large-Format Printer

An affordable, professional, personal printing solution for technical and graphics individuals.



HP Designjet 500 (24-inch model shown with optional printer stand and media bin)

## Product pointers

- Versatile printing with excellent line quality plus photo-quality imaging.
- Prints at 1200 by 600 dpi in best mode for best image quality, prints at 85 square feet per hour in fast mode when turnaround time is key.
- Macintosh, Windows and AutoCAD drivers provide easy setup and output for most technical, office or photo applications.
- Optional Adobe PostScript 3 RIP provides connectivity, color management and job control functions for graphic designers creating presentations, mockups or layouts.
- High-capacity ink cartridges and long-life printheads with built-in smart chips monitor ink levels and printhead status; ink cartridges are independent and can be replaced individually as needed.
- All files are processed in computer prior to transmission.

## Ordering information

<b>Model Number</b>	<b>500</b>
<b>Commercial</b>	
24-inch Model	C7769B
42-inch Model	C7770B
<b>Canada</b>	
24-inch Model	C7769B (ABA/ABC)
42-inch Model	C7770B (ABA/ABC)

## Compatibility

<b>Operating System</b>	<b>500</b>
<b>Standard Desktop</b>	
Windows 9x	•
Windows NT	•
Windows 2000	•
Windows Me	•
Windows XP	•
<b>Optional</b>	
Desktop/Network	Windows (NT, 95, 98, 2000, XP), NetWare, OS/2 Warp (v3.0, 4.0), LPD, Apple (System 7.0 and later, EtherTalk), Artisoft LANtastic (v7.0), IBM AIX (v3.2.5 and later), MPE-IX (v5.5), Citrix Mainframe

## In the box

### All models:

- Power cord
  - HP Designjet Ink System
  - User documentation
  - Roll-feed spindle
- 42-inch model only:**
- Printer stand
  - Media bin

## Software

- Drivers for Windows (95, 98, Me, NT 4.0, 2000, XP, Server 2003), AutoCAD (2000–2004 and R 13, 14) and Mac OS X (10.1.5, 10.2.3 and higher, 10.3)

## Shipping weight and shipping dimensions

- 500:  
24-in model 186 lb      60 × 25 × 28 in  
42-in model 257 lb      78 × 25 × 38 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:  
620n, Fast Ethernet      J7934A  
625n, Gigabit Ethernet      J7960A
- HP Jetdirect external:  
175x, 10/100Base-TX (1-port)      J6035D
- HP Jetdirect wireless:  
680n, 802.11b      J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:  
3 years      H5652E  
4 years      H3642E  
5 years      H3643E
- Installation Service:  
1 printer, 1 incident      H7604E  
1 network configuration      H4518E
- Post Warranty Service,  
Next Business Day Response:  
1 year      H4610PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5980-2726ENCA
- Print Sample 5980-0866E
- Designjet Family Brochure 5980-2207EUS

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

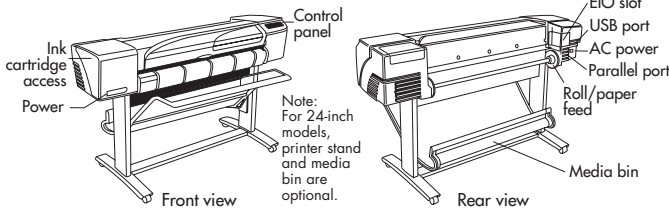
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 144 for complete specifications and comparisons to other HP Designjet Printers.

	500 (24-inch)	500 (42-inch)
<b>Product Number</b>	C7769B	C7770B
<b>Media Sizes, Std</b>	8.3- to 24-in wide sheets; 24-in rolls	8.3- to 42-in wide sheets; 24- to 42-in rolls
<b>Media Sizes, Custom</b>	8.3 × 8.3 in to 24 in × 150 ft	8.3 × 8.3 in to 42 in × 150 ft
<b>Media Width, Max</b>	24 in	42 in
<b>Print Length, Max</b>	150 ft	150 ft
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Quality, Black Best</b>	1200 × 600 dpi (on glossy paper)	1200 × 600 dpi (on glossy paper)
<b>Print Quality, Color Best</b>	1200 × 600 dpi (on glossy paper)	1200 × 600 dpi (on glossy paper)
<b>Prints Color</b>	Yes	Yes
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	69 ml	69 ml
<b>Ink Types</b>	Pigment-based black, dye-based color	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	HP PCL 3-GUI	HP PCL 3-GUI
<b>Print Languages, Opt</b>	HP-GL/2, HP RTL via HP-GL/2 accessory card, Adobe PostScript 3 via optional software RIP	HP-GL/2, HP RTL via HP-GL/2 accessory card, Adobe PostScript 3 via optional software RIP
<b>Media Handling/ Document Finishing</b>	Single-sheet feed, roll feed, automatic cutter	Single-sheet feed, roll feed, automatic cutter
<b>Memory, Std</b>	16 MB	16 MB
<b>Memory, Max</b>	160 MB using HP-GL/2 via accessory card	160 MB using HP-GL/2 via accessory card
<b>Connectivity, Std</b>	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, Me, 2000, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x), 1 EIO slot	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, Me, 2000, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x), 1 EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal and external print servers, HP-GL/2 accessory card	HP Jetdirect internal and external print servers, HP-GL/2 accessory card
<b>Print Speed, Normal Quality</b>	Up to 7 mpp (color image on coated paper, D-size)	Up to 7 mpp (color image on coated paper, D-size)

### HP Designjet 500



#### Memory map

##### 500

160 MB Maximum Usable Memory/1 Slot

16 MB Internal Fixed

HP-GL/2

Accepts optional HP-GL/2 accessory card only. HP-GL/2 accessory card includes 16 MB fixed memory; open slot on card will take additional 64 MB or 128 MB memory module

### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 82 Ink Cartridges:
  - Cyan C4911A
  - Magenta C4912A
  - Yellow C4913A
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

#### Paper-handling accessories

- 24-in Spindle C2389A
  - 42-in Spindle C2390A
- #### Memory and mass storage
- HP-GL/2 Accessory Card and 16 MB Memory Module C7772A
  - 64 MB Memory Module (Requires C7772A) C2387A
  - 128 MB Memory Module (Requires C7772A) C2388A

#### Other

- Printer Stand and Media Bin C7781A
- EFI Designer Edition 4.2 for HP XL Q6643C

# HP Designjet 800 and 800ps Large-Format Printer

Network-ready for large-format business and presentation graphics.



HP Designjet 800 (24-inch model shown with optional printer stand and media bin)

## Product pointers

- Versatile printing with excellent line quality plus photo-quality imaging.
- Prints color images at 2400 × 1200 dpi in best mode for best image quality; prints at 85 square feet per hour in fast mode when turnaround time is key.
- All files processed in the printer, freeing the computer quickly; file queuing, hard disk and network interface promote workgroup productivity.
- High-capacity ink cartridges and long-life printheads with built-in smart chips monitor ink levels and printhead status; ink cartridges are independent and can be replaced individually as needed.
- Consistent and accurate colors; 800ps models include powerful color management tools to eliminate guess work—PANTONE®-certified colors; standard press emulation support for SWOP, Euroscale, DIC, U.S. commercial and Japanese; ICC profiles for Windows, Mac and Apple ColorSync.
- Adobe PostScript 3 RIP upgrade not available for 800 models.

## Ordering information

Model Number	800	800ps
<b>Commercial</b>		
24-inch Model	C7779B	C7779C
42-inch Model	C7780B	C7780C
<b>Canada</b>		
24-inch Model	C7779B (ABA/ABC)	C7779C (ABA/ABC)
42-inch Model	C7780B (ABA/ABC)	C7780C (ABA/ABC)

## Compatibility

Operating System	800	800ps
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Mac OS	•	•
UNIX	•	•
<b>Standard Network</b>		
Windows NT	•	•
NetWare	•	•
UNIX (HP-UX, Solaris)	•	•
<b>Other</b>	Windows (Server 2003), OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE-iX (v5.5), LPD, Apple (System 7.0 and later, EtherTalk), Artisoft LANtastic (v7.0), Citrix Mainframe	Windows (Server 2003), OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE-iX (v5.5), LPD, Apple (System 7.0 and later, EtherTalk), Artisoft LANtastic (v7.0), Citrix Mainframe

## In the box

### All models:

- Power cord
  - HP Designjet Ink System
  - User documentation
  - Roll-feed spindle
- 42-inch models only:**
- Printer stand
  - Media bin

## Software

### All models:

- Drivers for Windows (95, 98, Me, NT 4.0, 2000, XP, Server 2003), Mac OS X (10.1.5, 10.2.3 and higher, 10.3), and AutoCAD (2000–2004 and R 13, 14)

### 800ps models only:

- PostScript drivers for Windows (95, 98, NT 4.0, 2000, Me, XP, Server 2003) and Mac OS (8.x, 9.x, 10.1x, 10.2x, 10.3, 10.4)

## Shipping weight and shipping dimensions

- 800/800ps:  
24-in models 186 lb 60 × 25 × 28 in  
42-in models 257 lb 78 × 25 × 38 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jeldirect (EIO) internal:  
620n, Fast Ethernet J7934A  
625n, Gigabit Ethernet J7960A
- HP Jeldirect external:  
175x, 10/100Base-TX (1-port) J6035D
- HP Jeldirect wireless:  
680n, 802.11b J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:  
3 years H5729E  
4 years H3639E  
5 years H3640E
- 4-Hour Response, Extended Business Hours:  
3 years H4701E
- Remote Color Profiling:  
1 profile UC217E  
3 profiles UC218E
- Installation Service:  
1 printer, 1 incident H7604E  
1 network configuration H4518E
- Post Warranty Service, Next Business Day Response:  
1 year H4609PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:  
1 year H5741PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5980-2212EUS
- Print Sample CD: 5980-0867E
- Designjet Family Brochure 5980-2207EUS

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

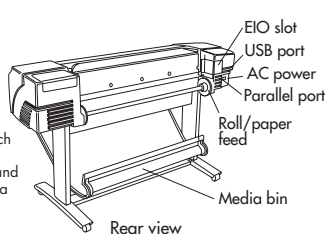
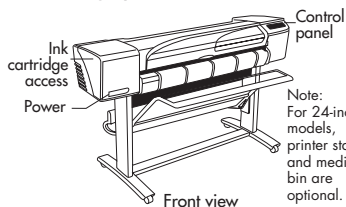
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 144 for complete specifications and comparisons to other HP Designjet Printers.

	800 (24-inch)	800 (42-inch)	800ps (24-inch)	800ps (42-inch)
<b>Product Number</b>	C7779B	C7780B	C7779C	C7780C
<b>Media Sizes, Std</b>	8.3- to 24-in wide sheets; 24-in rolls	8.3- to 42-in wide sheets; 24- to 42-in rolls	8.3- to 24-in wide sheets; 24-in rolls	8.3- to 42-in wide sheets; 24- to 42-in rolls
<b>Media Sizes, Custom</b>	8.3 × 8.3 in to 24 in × 150 ft	8.3 × 8.3 in to 42 in × 150 ft	8.3 × 8.3 in to 24 in × 150 ft	8.3 × 8.3 in to 42 in × 150 ft
<b>Print Length, Max</b>	150 ft	150 ft	150 ft	150 ft
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Quality, Black Best</b>	2400 × 1200 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)
<b>Print Quality, Color Best</b>	2400 × 1200 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)	2400 × 1200 dpi (on glossy paper)
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	69 ml	69 ml	69 ml	69 ml
<b>Ink Types</b>	Pigment-based black, dye-based color	Pigment-based black, dye-based color	Pigment-based black, dye-based color	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZHRaster Plus)	HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZHRaster Plus)	Adobe PostScript 3, HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZHRaster Plus)	Adobe PostScript 3, HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZHRaster Plus)
<b>Media Handling/ Document Finishing</b>	Single-sheet feed, roll feed, automatic cutter	Single-sheet feed, roll feed, automatic cutter	Single-sheet feed, roll feed, automatic cutter	Single-sheet feed, roll feed, automatic cutter
<b>Memory, Std</b>	96 MB, 6.0 GB hard disk	96 MB, 6.0 GB hard disk	160 MB, 6.0 GB hard disk	160 MB, 6.0 GB hard disk
<b>Memory, Max</b>	160 MB, 6.0 GB hard disk	160 MB, 6.0 GB hard disk	160 MB, 6.0 GB hard disk	160 MB, 6.0 GB hard disk
<b>Connectivity, Std</b>	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, Me, 2000, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x only), HP Jetdirect 620n print server	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, Me, 2000, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x only), HP Jetdirect 620n print server	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, Me, 2000, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x only), HP Jetdirect 620n print server	IEEE 1284-compliant parallel (ECP), USB 2.0 (Windows 98 SE, Me, 2000, XP, Server 2003 and Mac OS 8.x, 9.x, 10.x only), HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Speed: Normal Quality</b>	Up to 7 mpp (color image on coated paper, D-size)	Up to 7 mpp (color image on coated paper, D-size)	Up to 7 mpp (color image on coated paper, D-size)	Up to 7 mpp (color image on coated paper, D-size)
<b>Best Quality</b>	Up to 11.5 mpp (color image on coated paper, D-size)	Up to 11.5 mpp (color image on coated paper, D-size)	Up to 11.5 mpp (color image on coated paper, D-size)	Up to 11.5 mpp (color image on coated paper, D-size)
<b>Typefaces</b>	None	None	136 PostScript	136 PostScript

## HP Designjet 800 series



Note:  
For 24-inch models, printer stand and media bin are optional.

### Memory map

<b>800</b>	160 MB Maximum Usable Memory/1 Slot
<b>800ps</b>	160 MB Maximum Usable Memory/1 Slot

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 82 Ink Cartridges:
  - Cyan C4911A
  - Magenta C4912A
  - Yellow C4913A
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

### Paper-handling accessories

- 24-in Spindle C2389A
- 42-in Spindle C2390A
- USB Cable, A-B, 5-Meter C2392A

### Memory and mass storage

- 128 MB Memory Module C2388A

### Other

- Printer Stand and Media Bin, 24-in C7781A



# HP Designjet 1050c Plus and 1055cm Plus Large-Format Printer

A network-ready technical printing solution for medium to large departments.



HP Designjet 1050c Plus

## Product pointers

- Network-ready department printer for CAD and technical output; prints fast, accurate line drawings, complex 3-D renderings and maps.
- Precise color and monochrome line drawings and text, with resolution up to 1200 dpi and lines as thin as 0.003 inch; printer, ink and media are designed together for 0.2 percent accuracy over the length of the page.
- 300-foot input rolls and modular ink system combine for unattended or overnight printing with minimal user intervention.
- Built-in smart chips in HP 80 Ink Supplies identify low ink levels and worn printheads; high-capacity HP 80 Ink Cartridges and long-life HP 80 Printheads mean fewer supplies changes, unattended printing and low cost of ownership.

## Ordering information

Model Number	1050c Plus	1055cm Plus
Commercial	C6074E	C6075B
Canada	C6074E (ABA/ABC)	C6075B (ABA/ABC)

## Compatibility

Operating System	1050c Plus	1055cm Plus
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Windows Server 2003	•	•
Mac OS	—	• <sup>1</sup>
Linux	•	•
UNIX	•	•
<b>Standard Network</b>		
Windows NT	•	•
NetWare	•	•
AppleTalk	•	•
UNIX (HP-UX, Solaris)	•	•
<b>Other</b>	Windows (95, 98, XP), OS/2, LANtastic, LPD	Windows (95, 98, XP), OS/2, LANtastic, LPD
<b>Optional</b>		
<b>Desktop/Network</b>	Mac OS via PostScript upgrade or 3rd-party RIP, Citrix Mainframe	Citrix Mainframe

<sup>1</sup>Mac OS 8.1–9.1 and OS X.

## In the box

- Roll-feed spindle
- Cutter, knife and holder
- Printer stand
- Media bin
- HP 80 Ink Supplies (1 each black, cyan, magenta and yellow ink cartridges, printheads and cleaners)
- User documentation and media sample
- Power cord

## Software

### All models:

- Drivers for Windows and AutoCAD (13, 14, 2000–2004)
- ZHRaster Plus for Linux, UNIX, Windows NT (supports JPEG, TIFF)

### 1055cm Plus only:

- Adobe PostScript 3T drivers for Mac and Windows

## Shipping weight and shipping dimensions

- 1050c Plus  
346.12 lb      71.85 × 27.09 × 41.14 in
- 1055cm Plus  
346.12 lb      71.85 × 27.09 × 41.14 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jeldirect internal:  
620n, Fast Ethernet      J7934A  
625n, Gigabit Ethernet      J7960A
- HP Jeldirect external:  
300x, 10/100Base-TX (1-port)      J3263A  
500x, 10/100Base-TX (3-port)      J3265A  
170x, 10Base-T (1-port)      J3258C
- HP Jeldirect wireless:  
680n, 802.11b      J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack Options

- Next Business Day Response:  
3 years      H5655E  
4 years      H3628E  
5 years      H3629E
- 4-Hour Response, Standard Business Hours:  
3 years      H2815E
- 4-Hour Response, Extended Business Hours:  
3 years      H2816E  
4 years      H3636E  
5 years      H3637E
- Remote Color Profiling:  
1 profile      UC217E  
3 profiles      UC218E
- Installation Service:  
1 printer, 1 incident      H7604E  
1 network configuration      H4518E
- Post Warranty Service, Next Business Day Response:  
1 year      H4608PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:  
1 year      H5730PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- HP Designjet 1000 Plus Series Printers Data Sheet 5980-5915ENUC

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

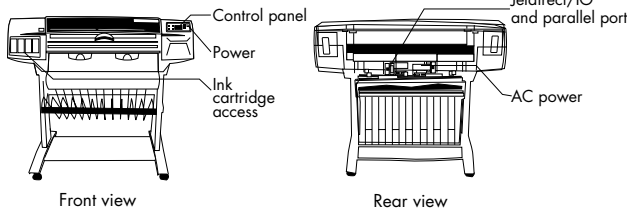
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 145 for complete specifications and comparisons to other HP Designjet Printers.

	1050c Plus	1055cm Plus
<b>Product Number</b>	<b>C6074B</b>	<b>C6075B</b>
<b>Media Sizes, Std</b>	8.3- to 36-in wide sheets; 24- and 36-in rolls	8.3- to 36-in wide sheets; 24- and 36-in rolls
<b>Print Length, Max</b>	300 ft	300 ft
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Quality, Black Best</b>	1200 dpi	1200 dpi
<b>Print Quality, Color Best</b>	600 dpi	600 dpi
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	175 ml, 350 ml	175 ml, 350 ml
<b>Ink Types</b>	Pigment-based black, dye-based color	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	HP-GL/2, HP-GL, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRRaster Plus)	HP-GL/2, HP-GL, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRRaster Plus), Adobe PostScript 3
<b>Print Languages, Opt</b>	Adobe PostScript 3	None
<b>Media Types</b>	Basic printing materials, technical papers and films, bond and coated papers, selected photographic, durable and specialty printing materials	Basic printing materials, technical papers and films, bond and coated papers, selected photographic, durable and specialty printing materials
<b>Media Handling/ Document Finishing</b>	Dual path for sheet and roll feed, automatic cutter	Dual path for sheet and roll feed, automatic cutter
<b>Memory, Std</b>	64 MB	64 MB, 7.5 GB hard disk
<b>Memory, Max</b>	256 MB, 2.0 GB hard disk	256 MB, 7.5 GB hard disk
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server in EIO slot	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server in EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal and external print servers	HP Jetdirect internal and external print servers
<b>Print Speed:</b>		
<b>Draft Quality</b>	Up to 1.5 mpp (color image on coated paper, D-size), up to 5.5 mpp (color image on glossy paper, D-size)	Up to 1.5 mpp (color image on coated paper, D-size), up to 5.5 mpp (color image on glossy paper, D-size)
<b>Normal Quality</b>	Up to 2.5 mpp (color image on coated paper, D-size), up to 7.5 mpp (color image on glossy paper, D-size)	Up to 2.5 mpp (color image on coated paper, D-size), up to 7.5 mpp (color image on glossy paper, D-size)
<b>Best Quality</b>	Up to 8.5 mpp (color image on coated paper, D-size), up to 10.5 mpp (color image on glossy paper, D-size)	Up to 8.5 mpp (color image on coated paper, D-size), up to 10.5 mpp (color image on glossy paper, D-size)
<b>Typefaces</b>	None	136 PostScript

## HP Designjet 1050c Plus/1055cm Plus



### Memory map

1050c Plus • 1055cm Plus  
256 MB Maximum Usable Memory/2 Slots



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 80 Ink Cartridges:

350-ml Black	C4871A
350-ml Cyan	C4846A
350-ml Magenta	C4847A
350-ml Yellow	C4848A
175-ml Cyan	C4872A
175-ml Magenta	C4874A
175-ml Yellow	C4873A

- HP 80 Printhead and Printhead Cleaners:

Black	C4820A
Cyan	C4821A
Magenta	C4822A
Yellow	C4823A
• HP 80 Value Pack (350-ml Ink Cartridge, Printhead and Printhead Cleaner):	
Black	C4890A
Cyan	C4891A
Magenta	C4892A
Yellow	C4893A

### Paper-handling accessories

- Media Spindle C6078A

### Memory and mass storage

- 3.2 GB EIO Hard Disk C2985B
- 64 MB DIMM Q1282A
- 128 MB DIMM Q1283A

### Other

- PostScript 3 Upgrade Kit for 1050c Plus Printer Q1281A

# HP Designjet 4000 and 4000ps Printer

High-speed color and black and white printing with remote printer management for medium to large CAD/GIS departments.

## Product pointers

- Double the print capacity of your large-format inkjet printer<sup>1</sup> and dramatically reduce response times. With HP Double Swath Technology, get two D size in color and black and white in less than one minute and up to 100 D size per hour.
- Get outstanding lines and images with HP patented inks and professional color and printhead technologies. Print lines with up to 0.1 percent accuracy for sharp, professional-quality images with up to 2400 × 1200 dpi. Supports media up to 42 inches wide.
- HP Smart printing technology (using genuine HP supplies ensures availability of all HP printing features) optimizes print quality and reliability and enables HP Embedded Web Server to remotely monitor printer, ink and media usage. HP Web Jetadmin plug-in gives a single support tool to install, configure, monitor and troubleshoot.
- Count on the proven reliability of HP Designjet printers & supplies. Minimize support cost and maximize uptime with support options, customer forums, real-time firmware upgrades, driver updates, extended warranty and post-warranty service options.

<sup>1</sup> Compared to any HP Designjet 600/700/800/1000 series printer.

## Ordering information

Model Number	4000	4000ps
Commercial	Q1273A	Q1274A
Canada	Q1273A (ABA/ABC)	Q1274A (ABA/ABC)

## Compatibility

Operating System	4000	4000ps
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT	•	•
Windows 2000	•	•
Windows XP	•	•
Windows Me	•	•
UNIX	•	•
Mac OS	•	•
<b>Standard Network</b>		
Windows NT	•	•
NetWare	•	•
UNIX (HP-UX, Solaris)	•	•
Other	Windows (Server 2003), OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE-iX (v5.5), LPD, Apple (System 7.0 and later, EtherTalk), Artisoft LANtastic (v7.0)	Windows (Server 2003), OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE-iX (v5.5), LPD, Apple (System 7.0 and later, EtherTalk), Artisoft LANtastic (v7.0)



HP Designjet 4000

## In the box

- Ink cartridges (4)
- Printheads (8)
- Printhead cleaners (8)
- Power cord
- Stand and bin
- Setup poster
- User documentation CD-ROM
- Software setup for PC and Mac CD-ROM
- Quick reference guide and holder
- Media sample
- Maintenance kit
- Customer service guide
- Spindle adapter (3 inch)

## Software

- HP Designjet Windows software, HP Designjet Macintosh software
- Print Drivers Included: HP-GL/2, HP-RTL Windows drivers, PS Windows drivers, ADI driver for AutoCAD R14, support for AutoCAD 200x, support for Citrix MetaFrame environments, PS driver for Mac OS 9.1, 9.2, 10.1, 10.2, 10.3

## Shipping weight and shipping dimensions

- 4000ps 387.8 lb 83.9 × 28 × 47.8 in
- 4000 387.8 lb 83.9 × 28 × 47.8 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect wireless: 680n, 802.11b J6058A
- HP Jetdirect (EIO) internal: 620n, Fast Ethernet J7934A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack Options

- Next Business Day Response: 3 years H5655E
- 4-Hour Response, Standard Business Hours: 3 years H2815E
- 4-Hour Response, Extended Business Hours: 3 years H2816E
- Remote Color Profiling: 1 profile UC217E, 3 profiles UC218E
- Installation Service: 1 printer, 1 incident H7604E, 1 network configuration H4518E
- Maintenance Kit Replacement (per event) UA308E
- Post Warranty Service, Next Business Day Response: 1 year H4608PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours: 1 year H5730PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- Third-party solutions [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

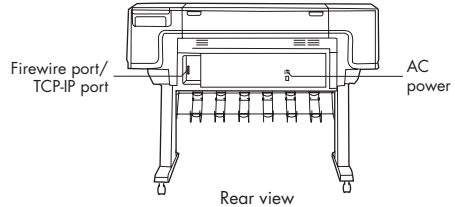
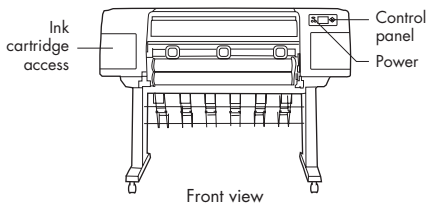
- <http://hp.com/partners/us>
- Supplies and accessories [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 145 for complete specifications and comparisons to other HP Designjet Printers.

	4000	4000ps
<b>Product Number</b>	<b>Q1273A</b>	<b>Q1274A</b>
<b>Print Speed, Draft Quality</b>	Up to 25 secs (color line drawing on plain paper, D-size)	Up to 25 secs (color line drawing on plain paper, D-size)
<b>Media Types</b>	Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss, glossy, translucent bond, natural tracing, photo, vellum), film, canvas	Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss, glossy, translucent bond, natural tracing, photo, vellum), film, canvas
<b>Media Sizes, Std</b>	B, C, D, E (sheets and rolls up to 42 in wide)	B, C, D, E (sheets and rolls up to 42 in wide)
<b>Media Width, Maximum</b>	42 in	42 in
<b>Media Handling/ Document Finishing</b>	Manual single sheeffed, roll feed, automatic cutter	Manual single sheeffed, roll feed, automatic cutter
<b>Memory, Std</b>	256 MB, 40 GB hard disk	256 MB, 40 GB hard disk
<b>Memory, Max</b>	512 MB, 40 GB hard disk	512 MB, 40 GB hard disk
<b>Typefaces</b>	None	None
<b>Connectivity, Std</b>	Fast Ethernet (10/100 Mbps), FireWire (IEEE-1394a compliant), 1 EIO slot	Fast Ethernet (10/100 Mbps), FireWire (IEEE-1394a compliant), 1 EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect 620n print server, HP Jetdirect 40d Gigabit print server, High Speed USB 2.0 card	HP Jetdirect 620n print server, HP Jetdirect 40d Gigabit print server, High Speed USB 2.0 card
<b>Print Quality, Black Best</b>	Up to 2400 × 1200 optimized dpi (from 1200 × 1200 dpi input on glossy media)	Up to 2400 × 1200 optimized dpi (from 1200 × 1200 dpi input on glossy media)
<b>Print Quality, Color Best</b>	Up to 2400 × 1200 optimized dpi (from 1200 × 1200 dpi input on glossy media)	Up to 2400 × 1200 optimized dpi (from 1200 × 1200 dpi input on glossy media)
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Prints Color</b>	Yes	Yes
<b>Ink Types</b>	Pigment-based black, dye-based color	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	<b>HP-GL/2, HP RTL, TIFF, JPEG, CALS-G4</b>	<b>Adobe PostScript Level 3, Adobe PDF 1.5, HP-GL/2, HP RTL, TIFF, JPEG, CALS G4</b>
<b>Dimensions (W × D × H)</b>	76 × 31.5 × 53.2 in	76 × 31.5 × 53.2 in

## HP Designjet 4000



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Inks

#### • HP 90 Ink Cartridges:

400-ml Black	C5058A
400-ml Cyan	C5061A
400-ml Magenta	C5063A
400-ml Yellow	C5065A
225-ml Cyan	C5060A
225-ml Magenta	C5062A
225-ml Yellow	C5064A

#### • HP 90 3-Ink Multipacks:

400-ml × 3 Black	C5082A
400-ml × 3 Cyan	C5083A
400-ml × 3 Magenta	C5084A
400-ml × 3 Yellow	C5085A

#### • HP 90 Printheads and Printhead

<b>Cleaners:</b>		
Black	C5054A	
Cyan	C5055A	
Magenta	C5056A	
Yellow	C5057A	
<b>HP 90 Value Packs (400-ml Ink Cartridge, Printhead and Printhead Cleaner):</b>		
Black	C5078A	
Cyan	C5079A	
Magenta	C5080A	
Yellow	C5081A	

### Paper-handling accessories

- Spindle Q5675A
- **Memory and mass storage**
- 256 MB Memory Upgrade Q5673A
- **Other**
- HP Jetdirect 40d Gigabit Print Server Q5679A
- High Speed USB 2.0 Card Q5680A

# HP Designjet 5500, 5500ps, 5500 UV and 5500ps UV Large-Format Printer

Combines high productivity, uncompromising image quality and intelligent printing solutions.

## Product pointers

- High productivity with reliable, high-speed, large-format printing.
- Get high-quality results with superb, color-rich photo images—automatic closed-loop color calibration ensures consistency, print after print.
- Direct PDF and TIFF printing path, made possible by the new web-file submitter, provides easy connectivity in multi-platform environments.
- Supports up to 7 embedded printer languages and a wide array of external RIPs and GIS applications.
- New production print modes quickly and efficiently produce professional, large-format documents at top speed.
- Specially-formulated, patented inks and 6-ink HP Color Layering Technology create continuous tones and smooth color transitions.

## Ordering information

Model Number	5500	5500ps	5500 UV	5500ps UV
<b>Commercial</b>				
42-in Model	Q1251A	Q1252A	Q1251V	Q1252V
60-in Model	Q1253A	Q1254A	Q1253V	Q1254V
<b>Canada</b>				
42-in Model	Q1251A (ABA/ABC)	Q1252A (ABA/ABC)	Q1251V (ABA/ABC)	Q1252V (ABA/ABC)
60-in Model	Q1253A (ABA/ABC)	Q1254A (ABA/ABC)	Q1253V (ABA/ABC)	Q1254V (ABA/ABC)

## Compatibility

Operating System	5500	5500ps	5500 UV	5500ps UV
<b>Standard Desktop</b>				
Windows 9x	•	•	•	•
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	•	•	•	•
Windows XP	•	•	•	•
Mac OS	—	• <sup>1</sup>	—	• <sup>1</sup>
UNIX	•	•	•	•
Linux	•	•	•	•
<b>Standard Network</b>				
Windows NT 4.0	•	•	•	•
NetWare	•	•	•	•
AppleTalk	•	•	•	•
UNIX (HP-UX, Solaris)	•	•	•	•
Linux (Red Hat, SuSE)	•	•	•	•
<b>Other</b>	IBM AIX (3.2.5 and later), MPE-iX, Citrix Mainframe	IBM AIX (3.2.5 and later), MPE-iX, Citrix Mainframe	IBM AIX (3.2.5 and later), MPE-iX, Citrix Mainframe	IBM AIX (3.2.5 and later), MPE-iX, Citrix Mainframe

<sup>1</sup>Mac OS 8.5 to 10.3.x.



HP Designjet 5500ps

## In the box

- Printer stand, media bin and two spindles
- Power cord
- HP designjet ink system
- Two rolls of media
- User documentation and maintenance kit

## Software

### All models:

- Drivers for Windows (95, 98, Me, NT 4.0, 2000, XP, Server 2003), UNIX and Linux (with HP embedded web server file submitter), AutoCAD (2000, 2002, R 14) for Windows
- **5500ps models only:**
- PostScript drivers for Windows (95, 98, Me, NT 4.0, 2000, XP, Server 2003) and Mac OS (8.5 to 10.3.x)

## Shipping weight and shipping dimensions

- 5500 series:
- 42-in models 485 lb 90.2 x 25 x 49.5 in
- 60-in models 599.6 lb 112 x 25 x 55 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jeldirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jeldirect external:
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
  - 170x, 10Base-T (1-port) J3258C
- HP Jeldirect wireless:
  - 680n, 802.11b J6058A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response, 3 years:
  - 42-in models H5504E
  - 60-in models H5505E
- 4-Hour Response, Standard Business Hours, 3 years:
  - 42-in models H3619E
  - 60-in models H3605E
- Remote Color Profiling:
  - 1 profile UC217E
  - 3 profiles UC218E
- Installation Service:
  - 1 printer, 1 incident H7604E
  - 1 network configuration H4518E
- Post Warranty Service, Next Business Day Response, 1 year:
  - 42-in models H4607PE
  - 60-in models H4606PE

## Additional information

### Sales

- www.designjet.hp.com
- Data Sheet 5981-1005ENUC

### Service

- Drivers: www.designjet.hp.com

### Third-party solutions

- www.hpqsc.com

### Reseller

- http://hp.com/partners/us

### Supplies and accessories

- www.hp.com
- HP Supplies IRG, November 4AA0-0791ENUC

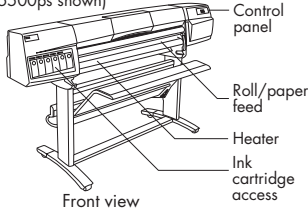
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 146 for complete specifications.

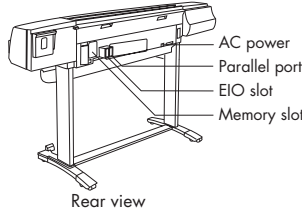
	5500 • 5500 UV (42 in)	5500 • 5500 UV (60 in)	5500ps • 5500ps UV (42 in)	5500ps • 5500ps UV (60 in)
<b>Product Number</b>	Q1251A • Q1251V	Q1253A • Q1253V	Q1252A • Q1252V	Q1254A • Q1254V
<b>Media Sizes, Std</b>	Sheets up to 42-in wide; 24-, 36- and 42-in rolls	Sheets up to 42-in wide; 24-, 36-, 42- and 60-in rolls	Sheets up to 42-in wide; 24-, 36- and 42-in rolls	Sheets up to 42-in wide; 24-, 36-, 42- and 60-in rolls
<b>Print Length, Max</b>	300 ft	300 ft	300 ft	300 ft
<b>Print Technology</b>	HP Color Thermal Inkjet	HP Color Thermal Inkjet	HP Color Thermal Inkjet	HP Color Thermal Inkjet
<b>Print Quality, Best</b>	1200 × 600 dpi (on glossy media)	1200 × 600 dpi (on glossy media)	1200 × 600 dpi (on glossy media)	1200 × 600 dpi (on glossy media)
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Cartridge Capacity</b>	680 ml	680 ml	680 ml	680 ml
<b>Ink Types</b>	Dye-based imaging, pigment-based UV <sup>1</sup>	Dye-based imaging, pigment-based UV <sup>1</sup>	Dye-based imaging, pigment-based UV <sup>1</sup>	Dye-based imaging, pigment-based UV <sup>1</sup>
<b>Print Languages, Std</b>	TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL	TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL	Adobe PDF 1.3, PostScript 3, TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL	Adobe PDF 1.3, PostScript 3, TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL
<b>Media Handling/ Document Finishing</b>	Roll feed, sheet feed, automatic cutter, optional take-up reel	Roll feed, sheet feed, automatic cutter, take-up reel	Roll feed, sheet feed, automatic cutter, optional take-up reel	Roll feed, sheet feed, automatic cutter, take-up reel
<b>Memory, Std</b>	128 MB, 40 GB hard disk	128 MB, 40 GB hard disk	256 MB, 40 GB hard disk	256 MB, 40 GB hard disk
<b>Memory, Max</b>	256 MB	256 MB	256 MB	256 MB
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Print Speed, Normal Quality</b>	Up to 4.5 mpp (color image on coated paper, D-size)	Up to 4.5 mpp (color image on coated paper, D-size)	Up to 4.5 mpp (color image on coated paper, D-size)	Up to 4.5 mpp (color image on coated paper, D-size)
<b>Typefaces</b>	None	None	136 PostScript Roman fonts built-in	136 PostScript Roman fonts built-in

<sup>1</sup>Dye-based standard on "A" models; pigment-based UV standard on "V" models.

### HP Designjet 5500 series (5500ps shown)



Front view



Rear view

### Memory map

#### 5500 • 5500 UV (42- and 60-inch)

256 MB Maximum Usable Memory/2 Slots



#### 5500ps • 5500ps UV (42- and 60-inch)

256 MB Maximum Usable Memory/2 Slots



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

#### • HP 83 UV (Outdoor) Ink Cartridges:

Black	C4940A
Cyan	C4941A
Magenta	C4942A
Yellow	C4943A
Light Cyan	C4944A
Light Magenta	C4945A

#### • HP 83 UV 3-Ink Multipacks:

Black	C5072A
Cyan	C5073A
Magenta	C5074A
Yellow	C5075A
Light Cyan	C5076A
Light Magenta	C5077A

#### • HP 83 UV (Outdoor) Printheads and

Printhead Cleaners:	
Black	C4960A
Cyan	C4961A
Magenta	C4962A
Yellow	C4963A
Light Cyan	C4964A
Light Magenta	C4965A

#### • HP 83 UV (Outdoor) Value Packs:

Black	C5000A
Cyan	C5001A
Magenta	C5002A
Yellow	C5003A
Light Cyan	C5004A
Light Magenta	C5005A

#### • HP 81 Dye (Indoor) Ink Cartridges:

Black	C4930A
Cyan	C4931A
Magenta	C4932A
Yellow	C4933A
Light Cyan	C4934A
Light Magenta	C4935A

#### • HP 81 Dye 3-Ink Multipacks:

Black	C5066A
Cyan	C5067A
Magenta	C5068A
Yellow	C5069A
Light Cyan	C5070A
Light Magenta	C5071A

#### • HP 81 Dye (Indoor) Printheads and

Printhead Cleaners:	
Black	C4950A
Cyan	C4951A
Magenta	C4952A
Yellow	C4953A
Light Cyan	C4954A
Light Magenta	C4955A

#### • HP 81 Dye Value Packs:

Black	C4990A
Cyan	C4991A
Magenta	C4992A
Yellow	C4993A
Light Cyan	C4994A
Light Magenta	C4995A

### Paper-handling accessories

• Spindle:	
42-in/60-in	C2385A/C2386A
• 42-in Take-Up Reel	C6087L
• 60-in Media Bin	Q6649A

### Memory and mass storage

• 64 MB Memory Module	C2381A
• 128 MB Memory Module	C2382A

# HP Designjet 815mfp Multifunction Product

*Integrated scanning, copying and printing for large-format color documents.*

## Product pointers

- Manage large-format documents from scan through print or archive—a complete, self-contained solution that puts a printer, scanner, PC controller and software all in a single footprint that fits your workspace.
- Use as a stand-alone device or connect to your network for remote scanning and printing—fast, high-resolution scanning and photo-quality printing up to 42 inches wide support both technical and graphics users.
- Even untrained users can easily master operation and immediately scan, print and copy large-format documents by using the graphical touch-screen display and intuitive software—calibration wizard ensures HP quality in all output.
- Complete copying functionality—make multiple copies, enlarge and reduce, even file or nest output, using originals up to 42 inches wide and 0.6 inches thick.
- Powerful scanning options: high-speed scanning at speeds up to 1.5 ips color, 3.0 ips black and white; scan to the most common file formats (PDF, TIFF, JPEG and CALS) directly to CD, to a file or over a network.
- A single, integrated solution—a one-vendor solution designed and built in the HP tradition with one-stop support for scanning, copying and printing functionality.

## Ordering information

<b>Model Number</b>	<b>815mfp</b>
<b>Commercial</b>	Q1279A
<b>Canada</b>	Q1279A (ABA/ABC)

## Compatibility

<b>Operating System</b>	<b>815mfp</b>
<b>Standard Desktop</b>	
Windows 9x	•
Windows NT 4.0	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS	•
<b>Other</b>	Printer: ZEHraster for UNIX; Scanner: UNIX and Linux support through FTP service
<b>Standard Network</b>	
Windows NT 4.0	•
UNIX (HP-UX, Solaris)	•
Mac OS	•
<b>Other</b>	Printer and scanner: NDPS, IBM OS/2 WARP (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE-iX (v5.5); Printer only: NetWare (v3.11, 3.12, 4.x, 5.0), NDS, LPD, Artisoft LANtastic (v7.0), Internet Printing Protocol (IPP)



HP Designjet 815mfp

## In the box

- Designjet 800ps printer
- Scanner
- Touchscreen
- Keyboard
- HP Jetdirect 620n Print Server
- Printer and scanner stands
- Media bin and spindle
- Power cords
- Ink cartridges and printheads
- Roll of media
- Quick reference guide
- Setup poster
- User documentation CD-ROM

## Software

- Drivers for Windows and Mac
- HP GL/2-RTL drivers for Windows
- Drivers for AutoCAD 2000 (R 13 and 14 for Windows)
- ZEHraster Plus (supports JPEG, TIFF)
- System recovery software for the scanning system

## Shipping weight and shipping dimensions

- 815mfp 561 lb 78 x 27.2 x 61.6 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal: J7934A
- 620n, Fast Ethernet J7960A
- 625n, Gigabit Ethernet

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite
- ### HP Care Pack options
- Next Business Day Response: U2006E
  - 3 years
  - Installation Service: H7604E
  - 1 printer, 1 incident
  - 1 network configuration H4518E
  - Post Warranty Service, Next Business Day Response: U3535PE
  - 1 year

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5981-7514ENUC

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

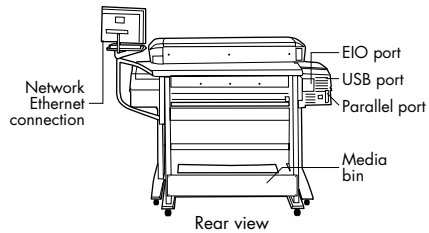
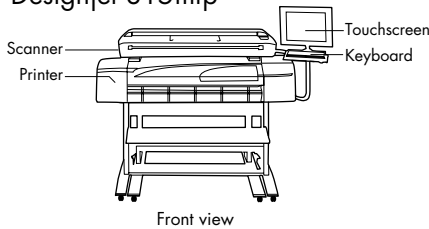
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

• See page 147 for complete specifications and comparisons to other HP Designjet Printers.

815mfp	
<b>Product Number</b>	<b>Q1279A</b>
<b>Media Sizes, Std</b>	8.3- to 42-in wide sheets; 24-, 36- and 42-in rolls
<b>Media Sizes, Custom</b>	8.3 × 8.3 in to 42 in × 50 ft
<b>Media Width, Max</b>	Printer: 42 in; scanner: 43 in
<b>Print Length, Max</b>	150 ft
<b>Print Technology</b>	HP Color Thermal Inkjet
<b>Print Quality, Black Best</b>	2400 × 1200 dpi (on HP Premium Photo Paper)
<b>Print Quality, Color Best</b>	2400 × 1200 dpi (on HP Premium Photo Paper)
<b>Prints Color</b>	Yes
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)
<b>Print Cartridge Capacity</b>	69 ml
<b>Ink Types</b>	Pigment-based black, dye-based color
<b>Print Languages, Std</b>	Adobe PostScript 3, HP-GL/2, HP RTL, CALS G4
<b>Media Types</b>	Printer: technical papers and films, bond and coated papers, photographic paper, plus selected durable, specialty and basic printing materials; scanner: non-abrasive paper, vellum, mylar, sepia, blueprints, plastic film, plastic laminate, foam board, cardboard
<b>Media Handling/ Document Finishing</b>	Printer: single-sheet feed, roll feed, automatic cutter, standard bin; scanner: straight-through paper path for sheet and cardboard originals, all-wheel drive (contour adjustment, precision rollers)
<b>Memory, Std</b>	Printer: 160 MB, 6 GB disk; Touchscreen: 256 MB, 14 GB disk
<b>Memory, Max</b>	Printer: 160 MB, 6 GB disk; Touchscreen: 256 MB, 14 GB disk
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel (ECP), HP Jetdirect 620n internal print server for Fast Ethernet 10/100Base-TX in EIO slot, Fast Ethernet 10/100Base-TX network interface for scan features
<b>Connectivity, Opt</b>	HP Jetdirect (EIO) internal print servers
<b>Speed:</b>	
<b>Draft Quality</b>	Up to 3.5 mpp (color image on coated paper, D-size), up to 7 mpp (color image on glossy paper, D-size)
<b>Normal Quality</b>	Up to 7 mpp (color image on coated paper, D-size), up to 9.5 mpp (color image on glossy paper, D-size)
<b>Best Quality</b>	Up to 11.5 mpp (color image on coated paper, D-size), up to 16 mpp (color image on glossy paper, D-size)
<b>Typefaces</b>	136 PostScript built-in Roman fonts

### HP Designjet 815mfp



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AAA-0791ENUC).

#### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 82 Ink Cartridges:
  - Cyan C4911A
  - Magenta C4912A
  - Yellow C4913A
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

#### Paper-handling accessories

- Spindle C2390A
- #### Cables
- IEEE 1284-Compliant Bidirectional Parallel Cable, 3-Meter C2951A



# HP Designjet Scanner 4200

Transforms your HP Designjet printer into an integrated large-format scan, copy and print solution.

## Product pointers

- Add to HP Designjet products for a self-contained color and black and white scanning solution that includes hardware, powerful software and intuitive operation—pre-installed printer drivers make network setup quick and easy.
- High-speed scanning at speeds up to 1.5 ips color, 3.0 ips black and white; resolution of 2400 dpi maximum, 424 dpi optical; plus scan to common formats (PDF, TIFF, JPEG, CALS) directly to CD, to a file or over a network.
- Easily master operation and immediately scan large-format documents using the graphical touch-screen display and intuitive scan software—calibration wizards ensure consistent HP quality in scans, copies and prints.
- Print to any supported HP Designjet printer on the network—high-quality, reliable HP printing technology copies or prints archived or previously scanned files.
- Complete copying functionality with included copying software: make multiple copies, enlarge and reduce, even tile or nest output with originals up to 42-inches wide and 0.6-inches thick.
- Use with a printer to deliver a complete one-vendor solution designed and built in the HP tradition with one-stop support for scanning, copying and printing.

## Ordering information

<b>Model Number</b>	<b>4200</b>
<b>Commercial</b>	Q1280A
<b>Canada</b>	Q1280A (ABA/ABC)

## Compatibility

<b>Operating System</b>	<b>4200</b>
<b>Standard Desktop</b>	
Windows 9x	•
Windows NT 4.0	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS	•
UNIX	•
Linux	•
<b>Standard Network</b>	
Windows NT 4.0	•
UNIX (HP-UX, Solaris)	•
<b>Other</b>	NDPS, OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE-iX (v5.5), Mac OS 9.x and OS X (TCP/IP)



HP Designjet 4200

## In the box

- Touchscreen
- Keyboard
- Output basket
- Power cord
- Scanner stand
- Quick reference guide
- Setup poster
- User documentation CD-ROM

## Software

- Print/scan/copy software
- System recovery software CD-ROM
- Windows drivers for HP Designjet 500, 800, 1000 and 5000 series printers

## Shipping weight and shipping dimensions

- 4200 341 lb 75.2 x 27.2 x 28.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:  
3 years U3799E
- Installation Service:  
1 printer, 1 incident H7604E  
1 network configuration H4518E
- Post Warranty Service,  
Next Business Day Response:  
1 year U8048PE

## Additional information

### Sales

- [www.designjet.hp.com](http://www.designjet.hp.com)
- Data Sheet 5981-7518ENUC

### Service

- Drivers: [www.designjet.hp.com](http://www.designjet.hp.com)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

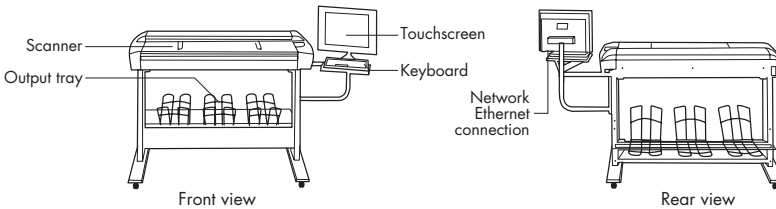
## Model specifications and schematic

- See page 147 for complete specifications and comparisons to other HP Designjet Printers.

<b>4200</b>	
<b>Product Number</b>	<b>Q1280A</b>
<b>PRINTER:</b>	
<b>Speed:</b>	
<b>Best Quality</b>	Printer-dependent
<b>Normal Quality</b>	Printer-dependent
<b>COPIER:</b>	
<b>Copier Settings</b>	Type of Original, Image Crop and Align Preview, Lightness, Saturation, RGB Controls, Sharpen/Blur, Mirror Copy, Enlarge/Reduce, Paneling, Tiling, Nesting, Accounting
<b>Number of Copies, Max</b>	99
<b>Reduce/Enlarge</b>	1–10,000%
<b>Color Copies</b>	No
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	2400 dpi (variable setting from 50 dpi in 1 dpi increments)
<b>Optical</b>	424 dpi
<b>Grayscale Levels</b>	256
<b>GENERAL:</b>	
<b>Connectivity, Std</b>	Fast Ethernet 10/100Base-TX network card
<b>Memory:</b>	
<b>Std</b>	Touchscreen: 256 MB, 14 GB disk
<b>Max</b>	Touchscreen: 256 MB, 14 GB disk
<b>Media Handling/ Document Finishing</b>	Straight-through scan paper path for sheet and cardboard originals, output basket, all-wheel drive (contour adjustment, precision rollers)

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP Designjet Scanner 4200



# HP Scanjet Scanner Specifications



**4370  
L1970A**



**4850  
L1950A**

	<b>4370 L1970A</b>	<b>4850 L1950A</b>
<b>Scanning Type</b>	Flatbed	Flatbed
<b>Scan Resolution:</b>		
<b>Enhanced<sup>1</sup> Hardware Optical</b>	Up to 999999 dpi Up to 3600 × 7200 dpi Up to 3600 dpi	Up to 999999 dpi Up to 4800 × 9600 dpi Up to 4800 dpi
<b>Bit Depth</b>	48 bit	48 bit
<b>Task Speed</b>	4 × 6-in color photo to file: about 10 secs for multiple image scan, about 31 secs for single image scan; 35 mm slides to file: about 43 secs for multiple image scan, about 85 secs for single image scan; 35 mm negatives to file: about 43 secs for multiple image scan, about 104 secs for single image scan; OCR 8.5 × 11-in text page to MS Word: about 33 secs for single image scan; 4 × 6-in color photo to share/e-mail: about 34 secs for single image scan; 8.5 × 11.7-in PDF to e-mail: about 50 secs for single image scan	4 × 6-in color photo to file: about 8 secs for multiple image scan, about 27 secs for single image scan; 35 mm slides to file: about 7 secs for multiple image scan, about 26 secs for single image scan; 35 mm negatives to file: about 8 secs for multiple image scan, about 41 secs for single image scan; OCR 8.5 × 11-in text to MS Word: about 29 secs for single image scan; 4 × 6-in color photo to share/e-mail: about 36 secs for single image scan; 8.5 × 11.7-in PDF to e-mail: about 50 secs for single image scan
<b>Scan Speed, Preview</b>	Up to 10 secs <sup>2</sup>	Up to 6 secs <sup>2</sup>
<b>Scan Size, Max</b>	8.5 × 11.7 in	8.5 × 12.25 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None	None
<b>ADF Capacity And Speed</b>	Not applicable	Not applicable
<b>Transparent Materials Adapter</b>	Included	Included
<b>Scaling</b>	10–2,000% in 1% increments	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	11.73 × 18.58 × 3.54 in	19.88 × 11.81 × 3.74 in
<b>Weight</b>	6.6 lb	10.6 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

<sup>2</sup>Scan speed tests were performed on an HP Vectra PC with 1.7 GHz processor, 256 MB RAM and Microsoft Windows 2000.



**4890  
L1952A**



**5590  
L1910A**

	<b>4890 L1952A</b>	<b>5590 L1910A</b>
<b>Scanning Type</b>	Flatbed, color	Flatbed, color
<b>Scan Resolution:</b>		
<b>Enhanced<sup>1</sup></b>	Up to 999999 dpi	Up to 999999 dpi
<b>Hardware</b>	Up to 4800 × 9600 dpi	Up to 4800 × 9600 dpi
<b>Optical</b>	Up to 4800 dpi	Up to 4800 dpi
<b>Bit Depth</b>	48 bit	48 bit
<b>Task Speed</b>	4 × 6-in color photo to file: about 7 secs for multiple image scan, about 26 secs for single image scan; 35 mm slides to file: about 10 secs for multiple image scan, about 36 secs for single image scan; 35 mm negatives to file: about 12 secs for multiple image scan, about 39 secs for single image scan, OCR 8.5 × 11-in text to MS Word: about 29 secs for single image scan; 4 × 6-in color photo into share/e-mail; about 32 secs for single image scan, 8.5 × 11-in document PDF to e-mail: about 50 secs for single image scan	<36 secs: OCR letter-size B/W text to MS Word; <24 secs: 4 × 6-in color photo to MS Word; <18 secs: color photo to e-mail
<b>Scan Speed, Preview</b>	Up to 6 secs <sup>2</sup>	7 secs
<b>Scan Size, Max</b>	8.5 × 12.25 in	8.5 × 11 in, 8.5 × 14 in with ADF
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None	None
<b>ADF Capacity And Speed</b>	Not applicable	Yes, 50 sheet capacity; up to 8 ppm scan-to-copy and scan-to-file; 4 ipm (images per minute) duplex
<b>Transparent Materials Adapter</b>	Included	Included
<b>Scaling</b>	10–2,000% in 1% increments	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	19.88 × 11.81 × 4.21 in	19 × 13 × 6 in
<b>Weight</b>	11.6 lb	13 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

<sup>2</sup>Scan speed tests were performed on an HP Vectra PC with 1.7 GHz processor, 256 MB RAM and Microsoft Windows 2000.

# HP Scanjet Scanner Specifications



**7650  
L1940A**



**8200  
C9931A**

	<b>7650 L1940A</b>	<b>8200 C9931A</b>
<b>Scanning Type</b>	Flatbed, color	Flatbed, color
<b>Scan Resolution:</b>		
<b>Enhanced<sup>1</sup> Hardware</b>	Up to 999999 dpi	Up to 999999 dpi
<b>Optical</b>	12 dpi to 999999 dpi	4800 × 4800 dpi
<b>Bit Depth</b>	Up to 2400 dpi	Up to 4800 × 4800 dpi
<b>Task Speed</b>	48 bit	48 bit
<b>Scan Speed</b>	<33 secs: OCR letter-size B/W text to MS Word; <15 secs: 4 × 6-in color photo to MS Word; <18 secs: 4 × 6-in color photo to e-mail	47 secs: OCR letter-size B/W text to MS Word; 28 secs: 4 × 6-in color photo to MS Word; 32 secs: B/W line art to MS Word
<b>Scan Speed, Preview</b>	As little as 6 secs <sup>2</sup>	4.3 secs
<b>Scan Size, Max</b>	8.5 × 14 in	8.5 × 14 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None	SCSI module for the scanner; SCSI kit for the PC
<b>ADF Capacity And Speed</b>	Yes, 50 page capacity; up to 12 ppm simplex; 6 ipm (images per minute) duplex	Optional (C9937A)
<b>Transparent Materials Adapter</b>	Included	Included
<b>Scaling</b>	10–2,000% in 1% increments	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	19.21 × 13.39 × 6.38 in	23 × 15 × 5 in
<b>Weight</b>	12.6 lb	14.6 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

<sup>2</sup>Scan speed test performed on a 1.7 GHz HP Vectra PC with 256 MB of RAM and Windows 2000.



**8250  
C9932A**



**8290  
C9933A**

<b>Scanning Type</b>	Flatbed, color	Flatbed, color
<b>Scan Resolution: Enhanced<sup>1</sup> Hardware Optical</b>	Up to 999999 dpi 4800 × 4800 dpi Up to 4800 × 4800 dpi	Up to 999999 dpi 4800 × 4800 dpi Up to 4800 × 4800 dpi
<b>Bit Depth</b>	48 bit	48 bit
<b>Task Speed</b>	47 secs: OCR letter-size B/W text to MS Word; 28 secs: 4 × 6-in color photo to MS Word; 32 secs: B/W line art to MS Word	47 secs: OCR letter-size B/W text to MS Word; 28 secs: 4 × 6-in color photo to MS Word; 32 secs: B/W line art to MS Word
<b>Scan Speed, Preview</b>	4.3 secs	4.3 secs
<b>Scan Size, Max</b>	8.5 × 14 in	8.5 × 14 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)	Hi-Speed USB (compatible with USB 2.0 specifications); SCSI
<b>Connectivity, Opt</b>	SCSI module for the scanner; SCSI kit for the PC	SCSI module for the scanner; SCSI kit for the PC
<b>ADF Capacity And Speed</b>	Yes, 50 sheet capacity; 15 ppm scan-to-file; 5.5 ipm (images per minute) duplex	Yes, 50 sheet capacity; 25 ppm scan-to-file; 5.5 ipm (images per minute) duplex
<b>Transparent Materials Adapter</b>	Included	Included
<b>Scaling</b>	10–2,000% in 1% increments	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	23 × 16 × 8 in	23 × 16 × 8 in
<b>Weight</b>	19 lb	19 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

# HP Scanjet 4370 Photo Scanner

Easy true to life scanning from HP—scan photos, documents, slides and more at 3600 x 7200 dpi.

## Product pointers

- Scan photos, slides, negatives and more for an affordable price. Get true to life results at 3600 x 7200 dpi resolution and 48-bit color.
- Easily remove dust and scratches and red-eye. Plus restore color to faded photos and brighten dark areas using HP Real Life technologies. Convert 35 mm slides and negatives into digital files you can print, share and save using a built-in adapter.
- Fast preview scans let you make adjustments before final scanning is complete. One-touch buttons on the top of the scanner let you send e-mails, scan, file and create PDFs automatically without any additional work.
- HP Image Zone software—the most convenient way to organize, edit, share and save scans—all in just one complete program. E-mail photos without attachments using HP Instant Share. Fit bulky items under an adjustable lid, plus scan 3-D items.

## Ordering information

<b>Model Number</b>	<b>4370</b>
<b>Commercial</b>	L1970A (B1H)
<b>Retail</b>	L1970A (B1H)
<b>Canada</b>	L1970A (B1H)

## Compatibility

<b>Operating System</b>	<b>4370</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Scanjet 4370

## In the box

- USB cable
- Power supply adapter/power cord
- Setup poster
- User's manual
- IRIS registration flyer
- Warranty statement
- Software CD-ROMs

## Software

- HP Image Zone software [includes integrated OCR, HP Instant Share, HP Image Editor (with faded color restoration, HP Auto Red-Eye Removal, HP Adaptive Lighting, dust and scratch removal capabilities)]

## Shipping weight and shipping dimensions

- 4370 8.4 lb 21.18 x 5.79 x 17.17 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 90 day limited hardware

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8223A/E
  - 3 years U4784A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2299ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hp.com](http://www.hp.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hpgsc.com](http://www.hpgsc.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

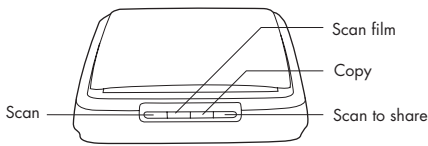
- See page 172 for complete specifications and comparisons to other HP Scanjet Scanners.

	4370
<b>Product Number</b>	L1970A
<b>Scanning Type</b>	Flatbed
<b>Scan Resolution, Enhanced<sup>1</sup></b>	Up to 999999 dpi
<b>Hardware</b>	Up to 3600 × 7200 dpi
<b>Optical</b>	Up to 3600 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	4 × 6-in color photo to file: about 10 secs for multiple image scan, about 31 secs for single image scan; 35 mm slides to file: about 43 secs for multiple image scan, about 85 secs for single image scan; 35 mm negatives to file: about 43 secs for multiple image scan, about 104 secs for single image scan; OCR 8.5 × 11-in text page to MS Word: about 33 secs for single image scan; 4 × 6-in color photo to share/e-mail: about 34 secs for single image scan; 8.5 × 11.7-in PDF to e-mail: about 50 secs for single image scan
<b>Scan Speed, Preview</b>	10 secs <sup>2</sup>
<b>Scan Size, Max</b>	8.5 × 11.7 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None
<b>ADF Capacity And Speed</b>	Not applicable
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	11.73 × 18.58 × 3.54 in
<b>Weight</b>	6.6 lb

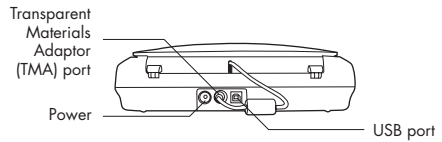
<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

<sup>2</sup>Scan speed tests were performed on an HP Vectra PC with 1.7 GHz processor, 256 MB RAM and Microsoft Windows 2000.

### HP Scanjet 4370



Front view



Rear view



# HP Scanjet 4850 Photo Scanner

High-quality, fast scanning with 4800 x 9600 dpi resolution and multiple slide and negative adapter.

## Product pointers

- Get leading scanning resolution at an affordable price. Scan at 4800 x 9600 dpi resolution and 48-bit color for true to original results. Share with others or save on your PC.
- HP Image Zone software—the most convenient way to organize, edit, share and save scans—all in just one complete program. E-mail photos without attachments using HP Instant Share. Fit bulky items under an adjustable lid, plus scan 3-D items.
- Easily restore color to faded photos and brighten dark areas using HP Real Life technologies, plus remove dust, scratches and more. Scan up to four slides, six negative frames or four 4 x 6-inch photos at once and save each image as a separate file.
- Optimal high-volume scanning—scan multiple images to individual files amazingly fast, plus get quick preview scans. Scan or send a copy to your printer easily with one-touch buttons. E-mail images without attachments using HP Instant Share.

## Ordering information

<b>Model Number</b>	<b>4850</b>
<b>Commercial</b>	L1950A (B1H)
<b>Retail</b>	L1950A (B1H)
<b>Canada</b>	L1950A (B1H)

## Compatibility

<b>Operating System</b>	<b>4850</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Scanjet 4850

## In the box

- USB cable
- Power supply adapter/power cord
- Setup poster
- User's manual
- IRIS registration flyer
- Warranty statement
- Software CD-ROMs

## Software

- HP Image Zone software [includes integrated OCR, HP Instant Share, HP Image Editor (with faded color restoration, HP Auto Red-Eye Removal, HP Adaptive Lighting, dust and scratch removal capabilities)]

## Shipping weight and shipping dimensions

- 4850 13.62 lb 23.07 x 7.32 x 17.83 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years U8223A/E  
3 years U4784A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2300ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hpgsc.com](http://www.hpgsc.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

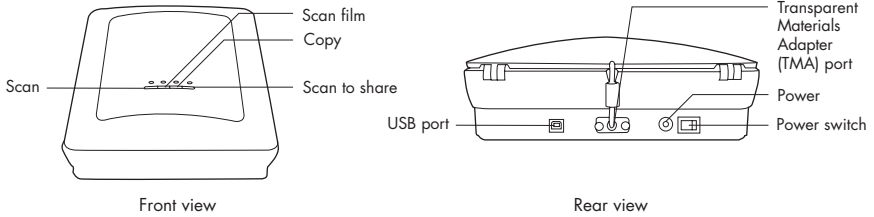
- See page 172 for complete specifications and comparisons to other HP Scanjet Scanners.

4850	
<b>Product Number</b>	L1950A
<b>Scanning Type</b>	Flatbed
<b>Scan Resolution, Enhanced<sup>1</sup></b>	Up to 999999 dpi
<b>Hardware</b>	Up to 4800 × 9600 dpi
<b>Optical</b>	Up to 4800 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	4 × 6-in color photo to file: about 8 secs for multiple image scan, about 27 secs for single image scan; 35 mm slides to file: about 7 secs for multiple image scan, about 26 secs for single image scan; 35 mm negatives to file: about 8 secs for multiple image scan, about 41 secs for single image scan; OCR 8.5 × 11-in text to MS Word: about 29 secs for single image scan; 4 × 6-in color photo to share/e-mail: about 36 secs for single image scan; 8.5 × 11.7-in PDF to e-mail: about 50 secs for single image scan
<b>Scan Speed, Preview</b>	Up to 6 secs <sup>2</sup>
<b>Scan Size, Max</b>	8.5 × 12.25 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None
<b>ADF Capacity And Speed</b>	Not applicable
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	19.88 × 11.81 × 3.74 in
<b>Weight</b>	10.6 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

<sup>2</sup>Scan speed tests were performed on an HP Vectra PC with 1.7 GHz processor, 256 MB RAM and Microsoft Windows 2000.

### HP Scanjet 4850



# HP Scanjet 4890 Photo Scanner

HP's premium photo scanner with high capacity slide and negative adapters and 4800 x 9600 dpi.

## Product pointers

- Get leading scanning resolution at an affordable price. Scan at 4800 x 9600 dpi resolution and 48-bit color for true to original results. Share with others or save on your PC.
- The fastest way to scan multiple images into individual files—about 10 seconds per image. Scan stacks of photos—up to 16 slides or 30 negatives at once. Plus scan or send a copy to your printer easily with one-touch buttons.
- Easily restore color to faded photos and brighten dark areas using HP Real Life technologies. Plus remove dust, scratches and more. Scan up to 16 slides or 30 negative frames at once and save each image as a separate file.
- Take control with HP Image Zone software—the most convenient way to organize, edit, share and save your scans. Edit text from scanned documents with OCR software and fit books and other large, bulky items under an adjustable lid.

## Ordering information

<b>Model Number</b>	<b>4890</b>
<b>Commercial</b>	L1952A (B1H)
<b>Retail</b>	L1952A (B1H)
<b>Canada</b>	L1952A (B1H)

## Compatibility

<b>Operating System</b>	<b>4890</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Scanjet 4890

## In the box

- Template kit
- USB cable
- Power supply adapter/power cord
- Setup poster
- User's manual
- IRIS registration flyer
- Warranty statement
- Software CD-ROMs

## Software

- HP Image Zone software [includes integrated OCR, HP Instant Share, HP Image Editor (with faded color restoration, HP Auto Red-Eye Removal, HP Adaptive Lighting, dust and scratch removal capabilities)]

## Shipping weight and shipping dimensions

- 4890 14.67 lb 23.07 x 7.32 x 17.83 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years U8223A/E  
3 years U4784A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2302ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hpgsc.com](http://www.hpgsc.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

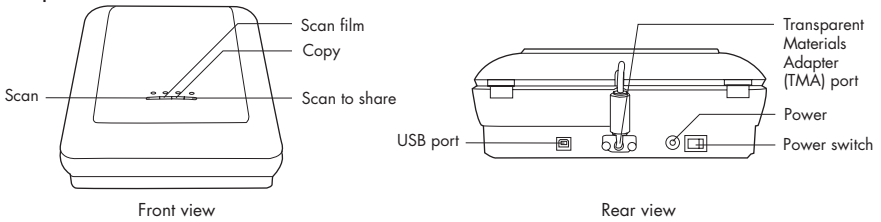
- See page 173 for complete specifications and comparisons to other HP Scanjet Scanners.

4890	
<b>Product Number</b>	L1952A
<b>Scanning Type</b>	Flatbed
<b>Scan Resolution, Enhanced<sup>1</sup></b>	Up to 999999 dpi
<b>Hardware</b>	Up to 4800 × 9600 dpi
<b>Optical</b>	Up to 4800 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	4 × 6-in color photo to file: about 7 secs for multiple image scan, about 26 secs for single image scan; 35 mm slides to file: about 10 secs for multiple image scan, about 36 secs for single image scan; 35 mm negatives to file: about 12 secs for multiple image scan, about 39 secs for single image scan, OCR 8.5 × 11-in text to MS Word: about 29 secs for single image scan; 4 × 6-in color photo into share/e-mail; about 32 secs for single image scan, 8.5 × 11-in document PDF to e-mail: about 50 secs for single image scan
<b>Scan Speed, Preview</b>	Up to 6 secs <sup>2</sup>
<b>Scan Size, Max</b>	8.5 × 12.25 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None
<b>ADF Capacity And Speed</b>	Not applicable
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	19.88 × 11.81 × 4.21 in
<b>Weight</b>	11.6 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

<sup>2</sup>Scan speed tests were performed on an HP Vectra PC with 1.7 GHz processor, 256 MB RAM and Microsoft Windows 2000.

### HP Scanjet 4890



# HP Scanjet 5590 Digital Flatbed Scanner

Professional results—2400 dpi optical resolution, duplexing ADF, included transparent materials adapter and document software.

## Product pointers

- Quickly scan two-sided, multi-page documents; automatic document feeder holds up to 50 pages and can scan both sides of each page.
- Scan up to 8 ppm (or four images per minute) using the automatic document feeder at normal resolution. Preview scans are available in about 7 seconds.
- Entry-level document management software—included for compatibility and productivity—provides connectivity with other data management systems. TWAIN drivers allow scanned images to be used with TWAIN-compliant, custom or third-party software.
- Get professional results with 2400 dpi optical resolution and 48-bit color for impressive image quality at an affordable price.
- Use HP's exclusive scanning technology to scan books, documents, photos, slides and negatives using included adapter. Plus, capture scans of 3-D objects, such as product samples. Choose OCR to easily convert hardcopy documents into digital text.
- Complete projects easily using front-panel display and one-touch buttons—quickly scan, copy, save to computer, print, e-mail and more.

## Ordering information

<b>Model Number</b>	<b>5590</b>
<b>Commercial</b>	L1910A (B1H)
<b>Retail</b>	L1910A (B1H)
<b>Canada</b>	L1910A (B1H)

## Compatibility

<b>Operating System</b>	<b>5590</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS	• <sup>1</sup>

<sup>1</sup>Mac OS 10.1.5, 10.2 or later.



HP Scanjet 5590

## In the box

- User's manual
- Setup poster
- USB cable (compatible with USB 2.0 specifications)
- Power cord
- Automatic document feeder
- Transparent materials adapter
- Software CD-ROM

## Software

### PC- and Mac-compatible:

- HP Instant Share
- Readiris PRO Text Recognition Software
- HP Photo and Imaging Software
- HP Memories Disc Creator
- NewSoft Presto! PageManager 7

### PC-compatible:

- HP Commercial Scanjet TWAIN

## Shipping weight and shipping dimensions

- 5590 15.8 lb 18.7 × 22.8 × 9.8 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8223A/E
3 years	U4784A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-4957ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

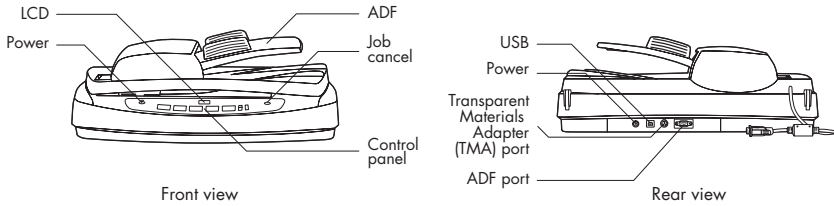
## Model specifications and schematic

• See page 173 for complete specifications and comparisons to other HP Scanjet Scanners.

5590	
<b>Product Number</b>	L1910A
<b>Scanning Type</b>	Flatbed, color
<b>Scan Resolution:</b>	
Enhanced <sup>1</sup>	Up to 999999 dpi
Hardware	2400 × 2400 dpi
Optical	Up to 2400 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	<36 secs: OCR letter-size B/W text to MS Word; <24 secs: 4 × 6-in color photo to MS Word; <18 secs: color photo to e-mail
<b>Scan Speed Preview</b>	7 secs
<b>Scan Size Max</b>	8.5 × 11 in, 8.5 × 14 in with ADF
<b>Connectivity, Std</b>	USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None
<b>ADF Capacity And Speed</b>	Yes, 50 sheet capacity; up to 8 ppm scan-to-copy and scan-to-file; 4 ipm (images per minute) duplex
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	19 × 13 × 6 in
<b>Weight</b>	13 lb

<sup>1</sup>Maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.

### HP Scanjet 5590



# HP Scanjet 7650 Document Flatbed Scanner

Fast scans at up to 12 ppm unattended. Automatic document feeder feeder scans two-sided documents and holds up to 50 pages.

## Product pointers

- Scan unattended at up to 12 ppm (up to 6 images per minute duplex) using an automatic document feeder that holds up to 50 pages. Preview scans in about 6 seconds. Transfer scans via Hi-Speed USB—compatible with USB 2.0 specifications.
- Produce scans with crisp text and professional-quality at 2400 dpi optical resolution and 48-bit color. Scan up to legal-size with automatic document feeder; books and thick files using adjustable lid; 35 mm slides and negatives using included adapter.
- Included software features a complete set of tools to edit, organize and more. Optimize scan speeds and compatibility with existing document management systems using ISIS and TWAIN drivers. Convert originals into editable text using OCR software.
- One-touch buttons scan documents, copy, scan to PDF files, e-mail and scan images. Load up to 50 pages into the automatic document feeder for unattended scanning. Space-saving design features a landscape orientation that fits easily on a shelf.

## Ordering information

<b>Model Number</b>	<b>7650</b>
<b>Commercial</b>	L1940A (B1H)
<b>Retail</b>	L1940A (B1H)
<b>Canada</b>	L1940A (B1H)

## Compatibility

<b>Operating System</b>	<b>7650</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS X 10.2 and later	•



HP Scanjet 7650

## In the box

- USB cable (compliant with USB 2.0 specifications)
- Automatic document feeder
- Power supply and power cord
- Transparent materials adapter (TMA)
- User's manual/TMA instructions
- Setup poster

## Software

### PC- and Mac-compatible:

- HP Image Zone with HP Instant Share
- Readiris PRO Text Recognition Software
- Adobe PhotoShop Elements

### PC-compatible:

- ScanSoft OmniForm Standard
- QuickScan Pro Demo
- ScanSoft PaperPort Deluxe
- Pixel Translations ISIS and TWAIN drivers

### Mac-compatible:

- NewSoft Prestol PageManager

## Shipping weight and shipping dimensions

- 7650 17.8 lb 22.83 x 9.84 x 18.74 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8223A/E
  - 3 years U4784A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-0182ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

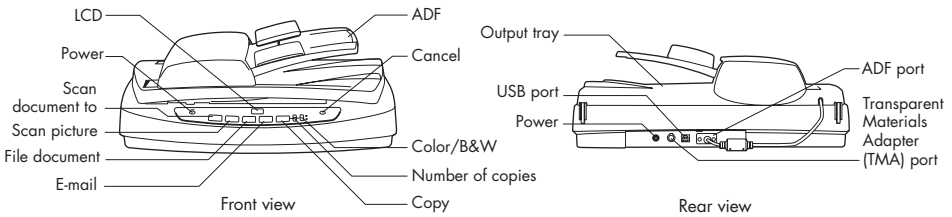
• See page 174 for complete specifications and comparisons to other HP Scanjet Scanners.

	<b>7650</b>
<b>Product Number</b>	<b>L1940A</b>
<b>Scanning Type</b>	Flatbed, color
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 999999 dpi
<b>Hardware</b>	12 dpi to 999999 dpi
<b>Optical</b>	Up to 2400 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	<33 secs: OCR letter-size B/W text to MS Word; <15 secs: 4 x 6-in color photo to MS Word; <18 secs: 4 x 6-in color photo to e-mail
<b>Scan Speed, Preview</b>	As little as 6 secs <sup>2</sup>
<b>Scan Size, Max</b>	8.5 x 14 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	None
<b>ADF Capacity And Speed</b>	Yes, 50 page capacity; up to 12 ppm simplex; 6 ipm (images per minute) duplex
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10-2,000% in 1% increments
<b>Dimensions (W x D x H)</b>	19.21 x 13.39 x 6.38 in
<b>Weight</b>	12.6 lb

<sup>1</sup>Maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.

<sup>2</sup>Scan speed: test performed on a 1.7 GHz HP Vectra PC with 256 MB of RAM and Windows 2000.

### HP Scanjet 7650





# HP Scanjet 8200 Digital Flatbed Scanner

Easy, professional scanning—4800 dpi optical resolution, 48-bit color and fast speeds.

## Product pointers

- Outstanding image quality at 4800 dpi optical resolution and 48-bit color, for high-quality images that are easy to incorporate into documents, presentations and other office or small business materials.
- Scan up to legal-size documents on an 8.5 x 14-inch flatbed scanning surface in landscape orientation.
- Capture scans from multiple 35 mm negatives and slides using an integrated transparent materials adapter—transform traditional slideshows and transparencies into digital presentations.
- One-button activation allows fast scanning of photos and documents: easily save, e-mail, OCR, copy and launch scans of photos and documents, launch useful software applications, preview and complete scans. All functions can be initiated at the scanner.
- Easy connectivity to a PC or Macintosh—options include Microsoft Windows NT 4.0 compatibility with optional SCSI kit and module (SCSI module and SCSI connectivity kit not included, please purchase separately).
- Designed for office and small business users with broad needs for high-quality image and fast flatbed scanning—provides copier-like performance that easily fits on a desk or shelf.

## Ordering information

Model Number	8200
Commercial	C9931A
Retail	C9931A
Canada	C9931A (A2L)

## Compatibility

Operating System	8200
Standard Desktop	
Windows 98	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS	• <sup>1</sup>
Optional	
Desktop	Windows NT 4.0 via SCSI kit and module

<sup>1</sup>Mac OS 9.1, OS X 10.1.5, 10.2, 10.3 or later.



HP Scanjet 8200

## In the box

- USB cable
- Power supply-universal brick
- Power cord
- User's manual
- Setup poster
- Transparent materials adapter
- SCSI module and kit offers

## Software

- HP Photo and Imaging
- TWAIN Driver
- Adobe Acrobat Reader
- NewSoft Presto! BizCard Reader
- Readiris PRO Text Recognition Software
- Adobe Photoshop® Elements

## Shipping weight and shipping dimensions

- 8200 22.6 lb 25.12 x 7.17 x 18.27 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Exchange Repair

### HP Care Pack options

- Next Day Exchange:  
3 years

U4939E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-7335ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

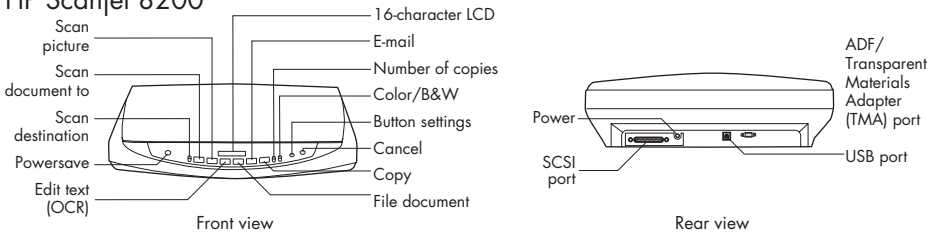
## Model specifications and schematic

- See page 174 for complete specifications and comparisons to other HP Scanjet Scanners.

8200	
<b>Product Number</b>	C9931A
<b>Scanning Type</b>	Flatbed, color
<b>Scan Resolution:</b>	
Enhanced <sup>1</sup>	Up to 999999 dpi
Hardware	4800 × 4800 dpi
Optical	Up to 4800 × 4800 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	47 secs: OCR letter-size B/W text to MS Word; 28 secs: 4 × 6-in color photo to MS Word; 32 secs: B/W line art to MS Word
<b>Scan Speed, Preview</b>	4.3 secs
<b>Scan Size, Max</b>	8.5 × 14 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	SCSI module for the scanner; SCSI kit for the PC
<b>ADF Capacity And Speed</b>	Optional (C9937A)
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	23 × 15 × 5 in
<b>Weight</b>	14.6 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

### HP Scanjet 8200



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions.

### Paper-handling accessories

- 50-Sheet Automatic Document Feeder

C9937A

### Other

- SCSI Module C9939A
- SCSI Kit C6271F
- Automatic Document Feeder Roller Replacement Kit C9937-68001
- 10 Automatic Document Feeder Cleaning Sheets C9915-60056

# HP Scanjet 8250 Digital Flatbed Scanner

Office scanner with up to 4800 dpi optical resolution and fast, duplex automatic document feeder.

## Product pointers

- Scan page after page quickly—up to 15 ppm—using automatic document feeder, plus duplex feature allows for scanning of both sides of a single page and two-sided digital copying.
- Get outstanding image quality—up to 4800 dpi optical resolution and 48-bit color—for high-quality images that are easy to incorporate into documents, presentations and other office or small business materials.
- Industry-leading document management software includes ISIS and TWAIN drivers and applications for faxing, scanning to PDF and form-recognition.
- Scan up to legal-size documents on an 8.5 × 14-inch flatbed scanning surface in landscape orientation.
- Capture scans from multiple 35 mm negatives and slides using an integrated transparent materials adapter—easily transform traditional slideshows into digital presentations.
- One-button activation allows fast scanning of photos and documents: easily save, e-mail, OCR, copy and launch scans of photos and documents—all functions can be initiated at the scanner, launch useful software applications, preview and complete scans.

## Ordering information

<b>Model Number</b>	<b>8250</b>
<b>Commercial</b>	C9932A
<b>Retail</b>	C9932A
<b>Canada</b>	C9932A (A2L)

## Compatibility

<b>Operating System</b>	<b>8250</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS	• <sup>1</sup>
<b>Optional Desktop</b>	Windows NT 4.0 via SCSI kit and module

<sup>1</sup>Mac OS 9.1, OS X 10.1.5, 10.2, 10.3 or later.



HP Scanjet 8250

## In the box

- USB cable
- 50-sheet automatic document feeder
- Transparent materials adapter
- Power supply-universal brick and power cord
- User's manual
- Setup poster
- SCSI module and kit offer

## Software

- HP Photo and Imaging
- NewSoft Presto! BizCard Reader
- Adobe Photoshop Elements
- Adobe Acrobat Reader
- Readiris PRO Text Recognition Software
- ScanSoft PaperPort Deluxe
- ScanSoft OmniForm
- TWAIN and ISIS drivers

## Shipping weight and shipping dimensions

- 8250 27.3 lb 25.1 × 14.7 × 18.3 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Exchange Repair

### HP Care Pack options

- Next Day Exchange:  
3 years

U4939E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-7336ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

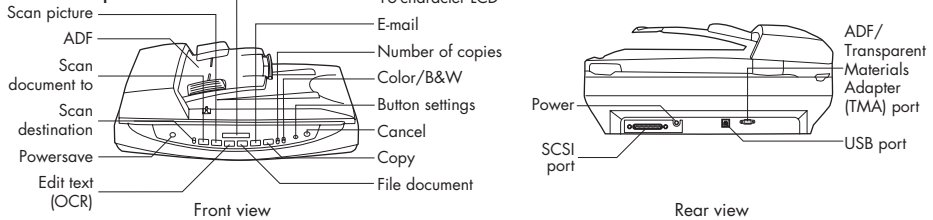
## Model specifications and schematic

- See page 175 for complete specifications and comparisons to other HP Scanjet Scanners.

8250	
<b>Product Number</b>	C9932A
<b>Scanning Type</b>	Flatbed, color
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 999999 dpi
<b>Hardware</b>	4800 × 4800 dpi
<b>Optical</b>	Up to 4800 × 4800 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	47 secs: OCR letter-size B/W text to MS Word; 28 secs: 4 × 6-in color photo to MS Word; 32 secs: B/W line art to MS Word
<b>Scan Speed, Preview</b>	4.3 secs
<b>Scan Size, Max</b>	8.5 × 14 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications)
<b>Connectivity, Opt</b>	SCSI module for the scanner; SCSI kit for the PC
<b>ADF Capacity And Speed</b>	Yes, 50 sheet capacity; 15 ppm scan-to-file; 5.5 ipm (images per minute) duplex
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	23 × 16 × 8 in
<b>Weight</b>	19 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

### HP Scanjet 8250



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions.

### Paper-handling accessories

- 50-Sheet Automatic Document Feeder C9937A
- **Other**
- SCSI Module C9939A
- SCSI Kit C6271F
- Automatic Document Feeder Roller Replacement Kit C9937-68001
- 10 Automatic Document Feeder Cleaning Sheets C9915-60056

# HP Scanjet 8290 Digital Flatbed Scanner

Easy, professional scanning—up to 4800 dpi optical resolution, 48-bit color and fast speeds.

## Product pointers

- Scan page after page quickly—up to 25 ppm—using automatic document feeder, plus duplex feature allows for scanning of both sides of a single page and two-sided digital copying.
- Industry-leading document software reduces scanning times, improves images and provides connectivity to leading document management systems—ISIS and TWAIN drivers included for maximum compatibility and productivity.
- Outstanding image quality—with up to 4800 dpi optical resolution and 48-bit color—for high-quality images that are easy to incorporate into documents, presentations and other office or small business materials.
- Connecting to compatible PC or Macintosh computer is fast and easy using Hi-Speed USB (compatible with USB 2.0 specifications), SCSI kit and module allow for NT 4.0 compatibility.
- Scan up to legal-size documents on an 8.5 × 14-inch flatbed scanning surface in landscape orientation.
- One-button activation allows for fast scanning of photos and documents: easily save, e-mail, OCR, copy and scan photos and documents—all functions can be initiated at the scanner.

## Ordering information

Model Number	8290
Commercial	C9933A
Retail	C9933A
Canada	C9933A (A2L)

## Compatibility

Operating System	8290
Standard Desktop	
Windows 98	•
Windows 2000	•
Windows NT 4.0	•
Windows Me	•
Windows XP	•
Mac OS	• <sup>1</sup>

<sup>1</sup>Mac OS 9.1, OS X 10.1.5, 10.2, 10.3 or later.



HP Scanjet 8290

## In the box

- USB cable
- 50-sheet automatic document feeder
- Power supply-universal brick and power cord
- User's manual
- Setup poster
- SCSI kit and SCSI module
- Transparent materials adapter

## Software

- HP Photo and Imaging
- NewSoft Presto! BizCard Reader
- Adobe Photoshop Elements
- Adobe Acrobat Reader
- Readiris PRO Text Recognition Software
- ScanSoft PaperPort Deluxe
- ScanSoft OmniForm
- Kofax VRS
- Pixel Translations ISIS and TWAIN drivers
- NSI OneStep
- HP Precisionscan Pro

## Shipping weight and shipping dimensions

- 8290 28.5 lb 25.1 × 14.7 × 18.3 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Exchange Repair

### HP Care Pack options

- Next Day Exchange: 3 years U4937E
- Next Business Day Response: 3 years U4938E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-7337ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

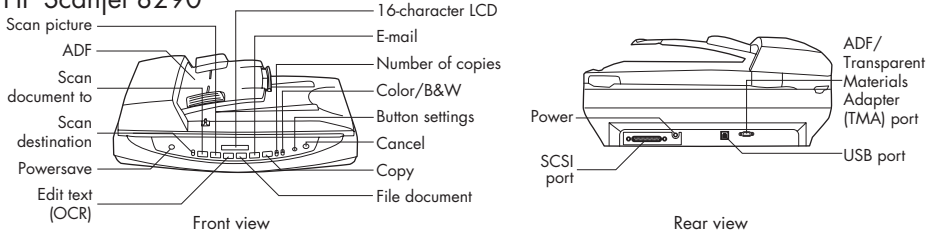
## Model specifications and schematic

- See page 175 for complete specifications and comparisons to other HP Scanjet Scanners.

8290	
<b>Product Number</b>	C9933A
<b>Scanning Type</b>	Flatbed, color
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 999999 dpi
<b>Hardware</b>	4800 × 4800 dpi
<b>Optical</b>	Up to 4800 × 4800 dpi
<b>Bit Depth</b>	48 bit
<b>Task Speed</b>	47 secs: OCR letter-size B/W text to MS Word; 28 secs: 4 × 6-in color photo to MS Word; 32 secs: B/W line art to MS Word
<b>Scan Speed, Preview</b>	4.3 secs
<b>Scan Size, Max</b>	8.5 × 14 in
<b>Connectivity, Std</b>	Hi-Speed USB (compatible with USB 2.0 specifications); SCSI
<b>Connectivity, Opt</b>	SCSI modules for the scanner; SCSI kit for the PC
<b>ADF Capacity And Speed</b>	Yes, 50 sheet capacity; 25 ppm scan-to-file; 5.5 ipm (images per minute) duplex
<b>Transparent Materials Adapter</b>	Included
<b>Scaling</b>	10–2,000% in 1% increments
<b>Dimensions (W × D × H)</b>	23 × 16 × 8 in
<b>Weight</b>	19 lb

<sup>1</sup>Maximum dpi that can be scanned is limited by available computer memory, disk space and other system factors.

### HP Scanjet 8290



## Supplies and accessories

### Other

- Automatic Document Feeder Roller Replacement Kit C9937-68001
- 10 Automatic Document Feeder Cleaning Sheets C9915-60056
- HP AutoStore:
  - Software and One Device License NOB8535A
  - Additional Device Licenses NOB1296A

# HP Multifunction and All-in-One Products Specifications



**Officejet 4215  
Q5601A**



**Officejet 5510  
Q3435A**

AIO/MFP Functions	Color printing, color faxing, color scanning, color copying	Color printing, color faxing, color scanning, color copying
<b>PRINTER:</b>		
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo	2 (1 each black, tri-color)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Speed Black:</b>		
<b>Draft Quality</b>	Up to 17 ppm	Up to 17 ppm
<b>Normal Quality</b>	Up to 8 ppm	Up to 6.5 ppm
<b>Best Quality</b>	Up to 0.9 ppm	Up to 0.9 ppm
<b>Speed Color:</b>		
<b>Draft Quality</b>	Up to 12 ppm	Up to 12 ppm
<b>Normal Quality</b>	Up to 4 ppm	Up to 3.5 ppm
<b>Best Quality</b>	Up to 1 ppm	Up to 1 ppm
<b>Print Quality, Best</b>	Up to 1200 × 1200 dpi black, 4800 × 1200 optimized dpi color (with 1200 input dpi)	Up to 1200 × 1200 dpi black, 4800 × 1200 optimized dpi color (on HP Premium Photo Paper when printing from a computer using 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III	HP PhotoREt III
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDL)	Lightweight Imaging Device Interface Language (LIDL)
<b>Input Capacity</b>	100 sheets	100 sheets
<b>Envelope Input</b>	10	10
<b>Typefaces</b>	8 TrueType	8 TrueType
<b>Connectivity, Std</b>	USB	USB
<b>Connectivity, Opt</b>	None	None
<b>Two-Sided Printing</b>	None	None
<b>FAX:</b>		
<b>Resolution, Best</b>	Up to 300 × 300 dpi	200 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>	3 secs per page <sup>1</sup>
<b>Memory</b>	100 pages <sup>1</sup>	Up to 90 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, software not included	Yes, sending only
<b>Speed Dialing, Max</b>	80 numbers	90 numbers
<b>Forwarding</b>	Yes (black only)	Yes
<b>Fax Blocking</b>	Yes	Yes, through software only
<b>COPIER:</b>		
<b>Speed, Max</b>	Up to 17 cpm black, up to 12 cpm color	Up to 17 cpm black, up to 12 cpm color
<b>Resolution:</b>		
<b>Black Text</b>	Up to 600 dpi	Up to 600 × 1200 dpi
<b>Black Graphics</b>	Up to 1200 × 1200 dpi	Up to 600 × 1200 dpi
<b>Color Text And Graphics</b>	Up to 2400 × 1200 dpi (on HP Premium Photo Paper)	Up to 1200 × 1200 dpi
<b>Copier Settings</b>	Number of copies, photo fit to page, copy quality, lighter/darker, reduce/enlarge, paper type, paper size, enhancements	Stand-alone, fit to page (from glass only), 100%, reduce/enlarge
<b>Number Of Copies, Max</b>	100	99
<b>Reduce/Enlarge</b>	25–200%	25–400% (from glass), 50–200% (from ADF)
<b>SCANNER:</b>		
<b>Scan Resolution:</b>		
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi	Up to 19200 dpi
<b>Optical</b>	600 dpi	600 × 2400 dpi
<b>Grayscale Levels</b>	256	256
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, cards	Letter, legal, executive, cards, envelopes
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in
<b>ADF Capacity</b>	20 sheets	20 sheets
<b>Duty Cycle, Monthly</b>	1,500 pages	1,500 pages
<b>Remote Front Panel Software</b>	No	No
<b>Dimensions (W × D × H)</b>	16 × 8 × 7 in	13 × 11 × 9 in
<b>Weight</b>	8.5 lb	12 lb

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



# HP Multifunction and All-in-One Product Specifications



**Officejet 5610  
Q7311A**



**Officejet 6210  
Q5801A**

AIO/MFP Functions	Color printing, color scanning, color copying, color faxing	Color printing, color faxing, color scanning, color copying
<b>PRINTER:</b>		
<b>Print Cartridges</b>	3 (1 each black, tri-color, photo)	2 (1 each black, tri-color), optional photo
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Speed Black:</b>		
<b>Draft Quality</b>	Up to 20 ppm	Up to 23 ppm
<b>Normal Quality</b>	Up to 7.2 ppm	Up to 7.4 ppm
<b>Best Quality</b>	Up to 2.9 ppm	Up to 2 ppm
<b>Speed Color:</b>		
<b>Draft Quality</b>	Up to 13 ppm	Up to 18 ppm
<b>Normal Quality</b>	Up to 2.9 ppm	Up to 5 ppm
<b>Best Quality</b>	Up to 2.9 ppm	Up to 2 ppm
<b>Print Quality, Best</b>	Up to 1200 rendered dpi black, up to 4800 × 1200 optimized dpi color and 1200 input dpi	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer with 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III ( HP PhotoREt IV with optional photo cartridge)	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3	HP PCL 3
<b>Input Capacity</b>	100 sheets	100 sheets
<b>Envelope Input</b>	15	10
<b>Typefaces</b>	8 TrueType	8 TrueType
<b>Connectivity, Std</b>	USB	USB, PictBridge
<b>Connectivity, Opt</b>	None	None
<b>Two-Sided Printing</b>	None	None
<b>FAX:</b>		
<b>Resolution, Best</b>	Up to 200 × 200 dpi	300 × 300 dpi
<b>Speed</b>	3 sec per page <sup>1</sup>	3 secs per page <sup>1</sup>
<b>Memory</b>	100 pages <sup>1</sup>	Up to 100 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes (sending only)	Yes, PC fax send only
<b>Speed Dialing, Max</b>	Up to 80 numbers	100 numbers
<b>Forwarding</b>	Yes	Yes (black only)
<b>Fax Blocking</b>	Yes	Yes
<b>COPIER:</b>		
<b>Speed, Max</b>	Up to 20 cpm black, up to 13 cpm color	Up to 23 cpm black, up to 18 cpm color
<b>Resolution:</b>		
<b>Black Text</b>	Up to 1200 × 2400 dpi	Up to 1200 × 600 dpi
<b>Black Graphics</b>	Up to 600 × 1200 dpi	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Color Text And Graphics</b>	Up to 1200 × 2400 dpi	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Copier Settings</b>	Stand-alone copying: fit to page, 100% (with software: photo-size choices and reduce/enlarge)	Actual size, fit to page, custom, photo sizes, fill entire page, many on a page, poster, 2 on 1, margin shift
<b>Reduce/Enlarge</b>	25–400%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution:</b>		
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi	Up to 19200 dpi
<b>Optical</b>	Up to 1200 dpi	2400 dpi
<b>Grayscale Levels</b>	256	256
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media, panoramic media
<b>Media Sizes, Std</b>	Letter, legal, executive, cards	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panoramic (4 × 10 in, 4 × 11 in, 4 × 12 in)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 24 in
<b>ADF Capacity</b>	25	20 sheets
<b>Duty Cycle, Monthly</b>	1,500 pages	3,000 pages
<b>Remote Front Panel Software</b>	No	No
<b>Dimensions (W × D × H)</b>	17.13 × 16.46 × 9.25 in	17.7 × 15.1 × 9.2 in
<b>Weight</b>	13 lb	15 lb

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



**Officejet 7210  
Q5560A**



**Officejet 7310  
Q5562A**

<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing	Color printing, color scanning, color copying, color faxing
<b>PRINTER:</b>		
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo, gray photo	2 (1 each black, tri-color), optional photo, gray photo
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Speed Black:</b>		
<b>Draft Quality</b>	Up to 30 ppm	Up to 30 ppm
<b>Normal Quality</b>	Up to 9.8 ppm	Up to 9.8 ppm
<b>Best Quality</b>	Up to 2.1 ppm	Up to 2.1 ppm
<b>Speed Color:</b>		
<b>Draft Quality</b>	Up to 20 ppm	Up to 20 ppm
<b>Normal Quality</b>	Up to 5.7 ppm	Up to 5.7 ppm
<b>Best Quality</b>	Up to 2.1 ppm	Up to 2.1 ppm
<b>Print Quality, Best</b>	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer and 1200 input dpi)	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer using 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)	HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)
<b>Print Languages, Std</b>	HP PCL 3	HP PCL 3
<b>Paper Trays</b>	1	1 std/2 max
<b>Input Capacity</b>	150 sheets	150 sheets std/400 sheets max
<b>Envelope Input</b>	20 (30 with optional HP Automatic Two-Sided Print Accessory with Small Paper Tray)	20 (30 with optional HP Automatic Two-Sided Print Accessory with Small Paper Tray)
<b>Typefaces</b>	8 TrueType	8 TrueType
<b>Connectivity, Std</b>	Ethernet, USB, PictBridge	Ethernet, USB, PictBridge
<b>Connectivity, Opt</b>	None	Bluetooth wireless
<b>Two-Sided Printing</b>	Automatic (optional)	Automatic (standard)
<b>FAX:</b>		
<b>Resolution, Best</b>	300 × 300 dpi	300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>	3 secs per page <sup>1</sup>
<b>Memory</b>	130 pages <sup>1</sup>	150 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, PC fax send only	Yes, PC fax send only
<b>Speed Dialing, Max</b>	110 numbers	110 numbers
<b>COPIER:</b>		
<b>Speed, Max</b>	Up to 30 cpm black, up to 20 cpm color	Up to 30 cpm black, up to 20 cpm color
<b>Resolution:</b>		
<b>Black Text</b>	Up to 600 × 1200 dpi	Up to 1200 × 600 dpi
<b>Black Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Copier Settings</b>	Actual size, fit to page, poster, 2 on 1, full page, fill entire page, margin shift	Actual size, fit to page, poster, 2 on 1, full page, fill entire page, margin shift
<b>Number Of Copies, Max</b>	99	99
<b>Reduce/Enlarge</b>	25–400%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution:</b>		
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi	Up to 19200 dpi
<b>Optical</b>	2400 dpi	2400 dpi
<b>Grayscale Levels</b>	256	256
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting), iron-on transfers	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media, panoramic media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panoramic (4 × 10 in, 4 × 11 in, 4 × 12 in)	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in	3 × 5 in to 8.5 × 24 in
<b>ADF Capacity</b>	50 sheets	50 sheets
<b>Duty Cycle, Monthly</b>	5,000 pages	5,000 pages
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card
<b>Dimensions (W × D × H)</b>	19.7 × 19.2 × 11.4 in	21.6 × 17.2 × 11.4 in
<b>Weight</b>	23.16 lb	26.2 lb

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

# HP Multifunction and All-in-One Product Specifications



**Officejet 7410  
Q5569A**



**Officejet 9110 • 9120 • 9130  
C8140A • C8143A • C8144A**

<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing	Color printing, color faxing, color scanning, color copying; <b>9130:</b> plus digital sending
<b>PRINTER:</b>		
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo, gray photo	4 (1 each black, cyan, magenta, yellow)
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Speed Black:</b>		
<b>Draft Quality</b>	Up to 30 ppm	Up to 25 ppm
<b>Normal Quality</b>	Up to 9.8 ppm	Up to 9 ppm
<b>Best Quality</b>	Up to 2.1 ppm	Up to 4 ppm
<b>Speed Color:</b>		
<b>Draft Quality</b>	Up to 20 ppm	Up to 22 ppm
<b>Normal Quality</b>	Up to 5.7 ppm	Up to 8.5 ppm
<b>Best Quality</b>	Up to 2.1 ppm	Up to 2 ppm
<b>Print Quality, Best</b>	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer using 1200 input dpi)	Up to 1200 × 1200 dpi black, up to 4800 × 1200 optimized dpi color (on HP Premium Photo Paper when printing from a computer using 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation
<b>Input Capacity, Std</b>	400 sheets	<b>9110:</b> 150 sheets; <b>9120/9130:</b> 400 sheets
<b>Input Capacity, Max</b>	400 sheets	<b>9110:</b> 400 sheets; <b>9120/9130:</b> 600 sheets
<b>Envelope Input</b>	20 (30 with optional HP Auto Two-Sided Print Accessory with Small Paper Tray)	22
<b>Typefaces</b>	8 TrueType	45 TrueType and 35 postscript fonts built-in; Intellifont and TrueType rasterizer built into PCL 5c and PCL 6
<b>Connectivity, Std</b>	Ethernet, wireless 802.11g/b networking, USB, PictBridge	<b>9110:</b> IEEE 1284-compliant bidirectional parallel, USB 2.0, 1 open EIO slot; <b>9120/9130:</b> IEEE 1284-compliant parallel, USB 2.0, HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	Bluetooth wireless	HP Jetdirect internal, external and wireless print server
<b>Two-Sided Printing</b>	Automatic (standard)	Automatic (standard)
<b>FAX:</b>		
<b>Resolution, Best</b>	300 × 300 dpi	300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>	3 secs per page <sup>1</sup>
<b>Memory</b>	150 pages <sup>1</sup>	Up to 250 pages <sup>1</sup>
<b>Speed Dialing, Max</b>	110 numbers	99 numbers
<b>COPIER:</b>		
<b>Speed, Max</b>	Up to 30 cpm black, up to 20 cpm color	Up to 25 cpm black, up to 22 cpm color
<b>Resolution:</b>		
<b>Black Text</b>	Up to 1200 × 600 dpi	Up to 1200 × 600 dpi
<b>Black Graphics</b>	Up to 4800 × 1200 dpi (on HP Premium Photo Paper with 1200 scan dpi)	Up to 2400 × 1200 dpi (on HP Premium Photo Paper)
<b>Color Text And Graphics</b>	Up to 4800 × 1200 dpi (on HP Premium Photo Paper with 1200 scan dpi)	Up to 2400 × 1200 dpi (on HP Premium Photo Paper)
<b>Copier Settings</b>	Actual size, fit to page, poster, 2 on 1, full page, fill entire page, margin shift	Scan once/print many, automatic two-sided copying, collation, reduce/enlarge, customizable presets, fit to page, poster, clone, mirror copy, 2 on 1, margin shift
<b>Number Of Copies, Max</b>	99	99
<b>Reduce/Enlarge</b>	25–400%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution:</b>		
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi	Up to 19200 dpi
<b>Optical</b>	2400 dpi	Up to 2400 dpi
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media, panoramic media	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic	Letter, legal, statement, executive, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in	3 × 5 in to 8.5 × 14 in, tray 1; 7 × 10 in to 8.5 × 14 in, tray 2
<b>ADF Capacity</b>	50 sheets	50 sheets
<b>Duty Cycle, Monthly</b>	5,000 pages	10,000 pages
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card
<b>Dimensions (W × D × H)</b>	21.6 × 17.2 × 13.9 in	<b>9110:</b> 23 × 18 × 16 in; <b>9120/9130:</b> 23 × 18 × 18 in
<b>Weight</b>	31.2 lb	<b>9110:</b> 44 lb; <b>9120/9130:</b> 53 lb

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



**Photosmart 2575  
Q7215A**



**Photosmart 3210  
Q5843A**

AIO/MFP Functions	Color printing, color scanning, color copying	Color printing, color scanning, color copying
<b>PRINTER:</b>		
Print Cartridges	2 (1 each black, tri-color), optional photo	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
Print Technology	HP Thermal Inkjet	HP Thermal Inkjet
Speed Black:		
Draft Quality	Up to 30 ppm	Up to 32 ppm
Normal Quality	Up to 8.2 ppm	Up to 7.8 ppm
Best Quality	Up to 2 ppm	Up to 2.1 ppm
Speed Color:		
Draft Quality	Up to 24 ppm	Up to 31 ppm
Normal Quality	Up to 5 ppm	Up to 5.7 ppm
Best Quality	Up to 2 ppm	Up to 2.1 ppm
Print Quality, Best	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer using 1200 input dp)	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer using 1200 input dpi)
Print Languages, Std	HP PCL 3	HP PCL Level 3 Enhanced
Input Capacity	100 sheets	100 sheets
Envelope Input	10	10
Typefaces	8 TrueType	8 TrueType
Connectivity, Std	USB, Ethernet, PictBridge	USB, Ethernet, PictBridge
Connectivity, Opt	Bluetooth Wireless	Bluetooth Wireless
<b>COPIER:</b>		
Speed, Max	Up to 30 cpm black, up to 24 cpm color	Up to 32 cpm black, up to 31 cpm color
Resolution:		
Black Text	Up to 600 × 1200 dpi	Up to 600 × 1200 dpi
Black Graphics	Up to 1200 × 4800 dpi optical resolution	Up to 600 × 1200 dpi
Color Text And Graphics	Up to 4800 × 1200 optimized dpi color (when copying on HP's premium photo papers and 1200 input dpi)	Up to 4800 × 1200 optimized dpi
Copier Settings	Actual size, fit to page, fill entire page, custom 100%, image sizes, poster	Fit to page, 100% (with software: photo-size choices and reduce/enlarge)
Number Of Copies, Max	50	50
Reduce/Enlarge	50–400%	25–400%
<b>SCANNER:</b>		
Scan Resolution:		
Enhanced <sup>1</sup>	Up to 19200 dpi	Up to 19200 dpi
Optical	1200 dpi	Up to 4800 dpi
Grayscale Levels	256	256
<b>GENERAL:</b>		
Media Types	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media, panorama	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
Media Sizes, Std	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panorama (4 × 10 in, 4 × 11 in, 4 × 12 in)	Letter, legal, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, envelopes (No. 10), panorama
Media Sizes, Custom	3 × 5 in to 8.5 × 24 in	3 × 4 in to 8.5 × 24 in, tray 1; 3.5 in × 5 to 4.1 × 6.5 in, tray 2
Duty Cycle, Monthly	3,000 pages	3,000 pages
Memory Card Compatibility	CompactFlash Type I and II, IBM Microdrive, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Mini SD (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD Picture Card	CompactFlash Type I and II, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Mini SD (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD-Picture Card
Dimensions (W × D × H)	17.32 × 14.2 × 8.2 in	18.3 × 15.6 × 8.7 in
Weight	12.2 lb	26.1 lb

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

# HP Multifunction and All-in-One Product Specifications



**Photosmart 3310  
Q5863A**

<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing
<b>PRINTER:</b>	
<b>Print Cartridges</b>	6 (1 each black, cyan, magenta, yellow, light cyan, light magenta)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Speed Black:</b>	
<b>Draft Quality</b>	Up to 32 ppm
<b>Normal Quality</b>	Not available
<b>Best Quality</b>	Up to 2.1 ppm
<b>Speed Color:</b>	
<b>Draft Quality</b>	Up to 31 ppm
<b>Normal Quality</b>	Not available
<b>Best Quality</b>	Up to 2.1 ppm
<b>Print Quality, Best</b>	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer using 1200 input dpi)
<b>Print Languages, Std</b>	HP PCL Level 3 Enhanced
<b>Paper Trays, Std</b>	2
<b>Paper Trays, Max</b>	2
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Envelope Input</b>	10
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB 2.0 Full Speed, Ethernet, PictBridge
<b>Connectivity, Opt</b>	Bluetooth Wireless
<b>Two-Sided Printing</b>	Automatic (standard)
<b>FAX:</b>	
<b>Resolution, Best</b>	Up to 300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	90 pages <sup>1</sup>
<b>PC Fax Interface</b>	Send only
<b>Speed Dialing, Max</b>	75 numbers
<b>Forwarding</b>	Yes
<b>Fax Blocking</b>	Yes, requires Caller ID
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 32 cpm black, up to 31 cpm color
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 × 1200 dpi
<b>Black Graphics</b>	Up to 600 × 1200 dpi
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi
<b>Copier Settings</b>	Stand-alone copying, enlarge/reduce, crop, copy preview, number of copies, many on a page, actual size, fit to page, fill entire page, custom, photo sizes, tray select
<b>Number Of Copies, Max</b>	50
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	Up to 4800 dpi
<b>Grayscale Levels</b>	256
<b>GENERAL:</b>	
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
<b>Media Sizes, Std</b>	Letter, legal, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, envelopes (No. 10), panorama
<b>Media Sizes, Custom</b>	3 × 4 in to 8.5 × 24 in, tray 1; 3.5 in × 5 to 4.1 × 6.5 in, tray 2
<b>ADF Capacity</b>	None
<b>Duty Cycle, Monthly</b>	3,000 pages
<b>Memory, Std</b>	64 MB
<b>Memory, Max</b>	64 MB
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD-Picture Card
<b>Dimensions (W × D × H)</b>	18.3 × 15.6 × 8.7 in
<b>Weight</b>	26.5 lb

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



**PSC 1410  
Q7290A**



**PSC 1510  
Q5880A**

AIO/MFP Functions	Color printing, color scanning, color copying	Color printing, color scanning, color copying
<b>PRINTER:</b>		
Print Cartridges	2 (1 each black, tri-color)	2 (1 each black, tri-color), optional photo
Print Technology	HP Thermal Inkjet	HP Thermal Inkjet
<b>Speed Black:</b>		
Draft Quality	Up to 18 ppm	Up to 20 ppm
Best Quality	Up to 0.12 ppm	Up to 2.4 ppm
<b>Speed Color:</b>		
Draft Quality	Up to 13 ppm	Up to 18 ppm
Best Quality	Up to 0.12 ppm	Up to 0.6 ppm
<b>Print Quality:</b>		
Black Best	Up to 1200 rendered dpi (when printing from a computer)	Up to 1200 rendered dpi (when printing from a computer)
Color Best	Up to 4800 × 1200 optimized dpi (when printing from a computer using 1200 input dpi)	Up to 4800 × 1200 optimized dpi (when printing from a computer using 1200 input dpi)
Resolution Technology	HP PhotoREt III	HP PhotoREt III (PhotoREt IV with optional photo cartridge)
Print Languages, Std	Lightweight Imaging Device Interface Language (LIDIL)	Lightweight Imaging Device Interface Language (LIDIL)
Paper Trays, Std	1	1
Paper Trays, Max	1	1
Input Capacity, Std	100 sheets	100 sheets
Input Capacity, Max	100 sheets	100 sheets
Envelope Input	10	10
Typefaces	8 TrueType	8 TrueType
Connectivity, Std	USB	USB, PictBridge
Connectivity, Opt	None	None
Two-Sided Printing	None	None
<b>COPIER:</b>		
Speed, Max	Up to 18 cpm black, up to 13 cpm color	Up to 20 cpm black, up to 18 cpm color
<b>Resolution:</b>		
Black Text	Up to 600 dpi	Up to 600 dpi
Black Graphics	Up to 600 dpi	Up to 600 dpi
Color Text And Graphics	Up to 1200 optimized dpi (on HP Premium Photo Paper from 600 × 1200 scan dpi)	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper and 1200 scan dpi)
Copier Settings	Stand-alone copying: fit to page, 100% (with software: photo-size choices and reduce/enlarge)	Stand-alone copying: fit to page, 100% (with software: photo-size choices and reduce/enlarge)
Number Of Copies, Max	Up to 50 (software only)	50
Reduce/Enlarge	50–400%	50–400%
<b>SCANNER:</b>		
<b>Scan Resolution:</b>		
Enhanced <sup>1</sup>	Up to 19200 dpi	Up to 19200 dpi
Optical	600 dpi	1200 dpi
Grayscale Levels	256	256
<b>GENERAL:</b>		
Media Types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
Media Sizes, Std	Letter, legal, executive, envelopes (No. 10), cards, A2	Letter, legal, executive, envelopes (No. 10), cards, A2, panorama
Media Sizes, Custom	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 24 in
Duty Cycle, Monthly	1,000 pages	1,000 pages
Memory, Std	16 MB	8 MB
Memory, Max	16 MB	8 MB ROM, 32 MB RAM
Memory Card Compatibility	None	None
Remote Front Panel Software	No	No
Dimensions (W × D × H)	16.76 × 15.3 × 6.7 in [16.76 × 10.22 × 6.7 in (paper tray folded up)]	17.1 × 23.1 × 6.4 in [17.1 × 11.4 × 6.4 in (paper tray folded up)]
Weight	10.3 lb	11.19 lb

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

# HP Multifunction and All-in-One Product Specifications



**PSC 1610  
Q5587A**

<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying
<b>PRINTER:</b>	
<b>Print Cartridges</b>	2 (1 each black, tri-color), optional photo
<b>Print Technology</b>	HP Thermal Inkjet
<b>Speed Black:</b>	
<b>Draft Quality</b>	Up to 23 ppm
<b>Best Quality</b>	Up to 2.4 ppm
<b>Speed Color:</b>	
<b>Draft Quality</b>	Up to 18 ppm
<b>Best Quality</b>	Up to 2.5 ppm
<b>Print Quality:</b>	
<b>Black Best</b>	Up to 1200 rendered dpi (when printing from a computer)
<b>Color Best</b>	Up to 4800 × 1200 optimized dpi (when printing from a computer using 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III (HP Photo REt IV with optional photo cartridge)
<b>Print Languages, Std</b>	HP PCL 3
<b>Paper Trays, Std</b>	1
<b>Paper Trays, Max</b>	1
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Envelope Input</b>	10
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB, PictBridge
<b>Connectivity, Opt</b>	None
<b>Two-Sided Printing</b>	None
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 23 cpm black, up to 18 cpm color
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 × 1200 dpi
<b>Black Graphics</b>	Up to 1200 × 4800 dpi optical resolution
<b>Color Text And Graphics</b>	Up to 1200 × 4800 dpi optical resolution
<b>Copier Settings</b>	Actual size, fit to page, fill entire page, custom 100%
<b>Number Of Copies, Max</b>	50
<b>Reduce/Enlarge</b>	50–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 19200 dpi
<b>Optical</b>	1200 dpi
<b>Grayscale Levels</b>	256
<b>GENERAL:</b>	
<b>Media Types</b>	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media, panoramic media
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panoramic (4 × 10 in, 4 × 11 in, 4 × 12 in)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in
<b>ADF Capacity</b>	None
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card
<b>Duty Cycle, Monthly</b>	3,000 pages
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	32 MB
<b>Remote Front Panel Software</b>	No
<b>Dimensions (W × D × H)</b>	17.32 × 14.3 × 8.1 in [17.32 × 11.2 × 6.8 in (LCD down, paper tray folded up)]
<b>Weight</b>	12.2 lb

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



**LaserJet 3015**  
**Q2669A**



**LaserJet 3020 • 3030**  
**Q2665A • Q2666A**

<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, black and white faxing, color scanning	Black and white printing, black and white copying, color scanning; <b>3030:</b> plus black and white faxing
<b>PRINTER:</b>		
<b>Print Cartridges</b>	1 (black)	1 (black)
<b>Print Technology</b>	Laser	Laser
<b>Speed Black, Best Quality, Letter</b>	Up to 15 ppm	Up to 15 ppm
<b>First Page Out</b>	10 secs	10 secs
<b>Print Quality, Black Best</b>	1200 dpi effective output quality [600 × 600 dpi with HP Resolution Enhancement technology (RET) and FastRes 1200]	1200 dpi effective output quality [600 × 600 dpi with HP Resolution Enhancement technology (RET) and FastRes 1200]
<b>Resolution Technology</b>	HP FastRes 1200, Resolution Enhancement technology (RET)	HP FastRes 1200, Resolution Enhancement technology (RET)
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation
<b>Input Capacity</b>	160 sheets	160 sheets
<b>Envelope Input</b>	10	10
<b>Typefaces</b>	45 scalable TrueType, 35 postscript	45 scalable TrueType, 35 postscript
<b>Connectivity, Std</b>	USB (compatible with 2.0 specifications), IEEE 1284-compliant bidirectional parallel	USB (compatible with 2.0 specifications), IEEE 1284-compliant bidirectional parallel
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless (print only)	HP Jetdirect external and wireless print servers, Bluetooth wireless (print only)
<b>Two-Sided Printing</b>	Manual (driver support provided)	Manual (driver support provided)
<b>FAX:<sup>1</sup></b>		
<b>Resolution, Best</b>	300 × 300 dpi (no halftone)	300 × 300 dpi (no halftone)
<b>Speed</b>	3 secs per page <sup>2</sup>	3 secs per page <sup>2</sup>
<b>Memory</b>	110 pages <sup>2</sup>	110 pages <sup>2</sup>
<b>PC Fax Interface</b>	Yes	Yes, software included
<b>Speed Dialing, Max</b>	120 numbers (110 group dials)	120 numbers (110 group dials)
<b>Advanced Features</b>	Yes, forwarding and blocking	Yes, forwarding and blocking
<b>COPIER:</b>		
<b>Speed, Max</b>	15 cpm	15 cpm
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi	600 × 600 dpi
<b>Copier Settings</b>	Contrast, resolution, reduce/enlarge, collate, number of copies, paper size	Contrast, resolution, reduce/enlarge, collate, number of copies, paper size
<b>Number Of Copies, Max</b>	99	99
<b>Reduce/Enlarge</b>	25–400%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution: Enhanced<sup>3</sup> Optical</b>	9600 × 9600 dpi 600 × 600 dpi	9600 × 9600 dpi 600 × 600 dpi
<b>Grayscale Levels</b>	256	256
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain, preprinted, prepunched, bond, color, glossy, letterhead, light, heavy, recycled, rough), envelopes, transparencies, labels, cardstock	Paper (plain, preprinted, prepunched, bond, color, glossy, letterhead, light, heavy, recycled, rough), envelopes, transparencies, labels, cardstock
<b>Media Sizes, Std</b>	Letter, legal, envelopes [No. 5 (1/2 Baronial)] through No. 11], index cards, postcards	Letter, legal, envelopes [No. 5 (1/2 Baronial)] through No. 11], index cards, postcards
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5 × 5 in to 8.5 × 14 in, ADF	3 × 5 in to 8.5 × 14 in, tray 1; 5 × 5 in to 8.5 × 14 in, ADF
<b>ADF Capacity</b>	30 sheets	50 sheets
<b>Duty Cycle, Monthly</b>	7,000 pages	7,000 pages
<b>Memory, Std</b>	32 MB	32 MB
<b>Memory, Max</b>	32 MB	32 MB
<b>Dimensions (W × D × H)</b>	17 × 19 × 18 in	20 × 16 × 15 in
<b>Weight</b>	21 lb	26 lb

<sup>1</sup>Fax capability for HP LaserJet 3015 and 3030 only.

<sup>2</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>3</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



# HP Multifunction and All-in-One Product Specifications



**LaserJet 3380  
Q2660A**



**LaserJet 4100mfp • 4101mfp  
C9148A • C9149A**

<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, black and white faxing, color scanning	Black and white printing, black and white copying, color scan to e-mail; <b>4101mfp</b> : plus analog faxing
<b>PRINTER:</b>		
<b>Print Cartridges</b>	1 (black)	1 (black)
<b>Print Technology</b>	Laser	Laser
<b>Speed Black, Best Quality, Letter</b>	Up to 20 ppm	Up to 25 ppm
<b>First Page Out</b>	8 secs	12 secs
<b>Print Quality, Black Best</b>	1200 × 1200 dpi	HP FastRes 1200 (1200-dpi quality), 1200 × 1200 dpi
<b>Resolution Technology</b>	HP ProRes 1200, FastRes 1200, Resolution Enhancement technology (REt)	HP Resolution Enhancement technology (REt)
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation	HP PCL 5e (with GL-2), HP PCL 6, HP postscript level 3 emulation
<b>Input Capacity, Std</b>	260 sheets	<b>4100mfp</b> : 600 sheets; <b>4101mfp</b> : 1,100 sheets
<b>Input Capacity, Max</b>	260 sheets	1,600 sheets
<b>Typefaces</b>	45 scalable TrueType, 35 postscript	110 TrueType (80 built-in, 30 via HP FontSmart), HP FontSmart, Intellifont and built-in TrueType rasterizers
<b>Connectivity, Std</b>	USB (compatible with 2.0 specifications), IEEE 1284-compliant bidirectional parallel	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server in EIO slot, hard disk in EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless (print only)	HP Jetdirect (EIO) internal, external and wireless print servers, Fast Infrared, connectivity card for USB/Serial/LocalTalk
<b>Two-Sided Printing</b>	Manual (driver support provided)	<b>4100mfp</b> : Automatic (optional); <b>4101mfp</b> : Automatic (standard)
<b>FAX:<sup>1</sup></b>		
<b>Speed</b>	3 secs per page <sup>2</sup>	Up to 14.4k per second
<b>Memory</b>	250 pages <sup>2</sup>	Utilizes 20 GB hard drive
<b>PC Fax Interface</b>	Yes	No
<b>Speed Dialing, Max</b>	120 numbers (110 group dials)	100 numbers
<b>Advanced Features</b>	Yes, forwarding and blocking	Yes, forwarding and blocking
<b>COPIER:</b>		
<b>Speed, Max</b>	20 cpm	25 cpm
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi	600 × 600 dpi
<b>Copier Settings</b>	Contrast, resolution, reduce/enlarge, collate, number of copies, paper size	Number of copies, page size, 2 on 1, collate, contrast, quality, background removal, zoom 25–400% in 1% increments, fit to page
<b>Number Of Copies, Max</b>	99	99
<b>Reduce/Enlarge</b>	25–400%	25–400% (from glass/flatbed), 25–200% (from ADF)
<b>SCANNER:</b>		
<b>Scan Resolution: Enhanced<sup>3</sup></b>	9600 × 9600 dpi	600 × 600 dpi
<b>Optical</b>	600 × 600 dpi	600 × 600 dpi
<b>Grayscale Levels</b>	256	256
<b>DIGITAL SENDING:</b>		
<b>Features, Std</b>	Not applicable	Scan to e-mail
<b>Features, Opt</b>	Not applicable	Send to folder, authentication, send to LAN fax, send to printer, send to application
<b>File Format</b>	Not applicable	PDF, MTIFF, TIFF, JPEG
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain, preprinted, prepunched, bond, color, glossy, letterhead, light, heavy, recycled, rough), envelopes, transparencies, labels, cardstock	Paper (plain, bond, recycled, prepunched, letterhead), envelopes, transparencies, labels, cardstock
<b>Media Sizes, Std</b>	Letter, legal, envelopes [No. 5 (1/2 Baronial) through No. 11], index cards, postcards	Letter, legal, executive, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5 × 5 in to 8.5 × 14 in, ADF	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.2 in to 8.5 × 14 in, trays 2, 3, 4
<b>Duty Cycle, Monthly</b>	10,000 pages	150,000 pages
<b>Memory</b>	32 MB std./96 MB max	64 MB std./256 MB max
<b>ADF Capacity</b>	50 sheets	30 sheets
<b>Dimensions (W × D × H)</b>	22 × 21 × 20 in	<b>4100mfp</b> : 16 × 21 × 21 in; <b>4101mfp</b> : 16 × 21 × 26 in
<b>Weight</b>	35 lb	<b>4100mfp</b> : 55 lb; <b>4101mfp</b> : 70 lb

<sup>1</sup>Fax capability for HP LaserJet 3380 and 4101mfp only [optional on 4100mfp with purchase of MFP analog fax accessory (Q1314A)].

<sup>2</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>3</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



LaserJet 4345mfp • 4345x mfp • 4345xm mfp • 4345xs mfp  
Q3942A • Q3943A • Q3945A • Q3944A



LaserJet 9040mfp • 9050mfp  
Q3726A • Q3728A

<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, color scan to e-mail, scan to folder, optional digital sending and analog faxing; <b>4345x mfp</b> : plus analog faxing; <b>4345xm mfp</b> : plus analog faxing, mailboxing; <b>4345xs mfp</b> : plus analog faxing, stapling/stacking	Black and white printing, black and white copying, color scan to e-mail; optional black and white faxing, optional digital sending
<b>PRINTER:</b>		
<b>Print Cartridges</b>	1 (black)	1 (black)
<b>Print Speed, Black, Best Quality, Letter</b>	Up to 45 ppm	<b>9040mfp</b> : Up to 40 ppm; <b>9050mfp</b> : Up to 50 ppm
<b>Print Quality, Black Best</b>	1200 × 1200 dpi (with HP FastRes 1200)	HP FastRes 1200 (1200 dpi quality), 600 × 600 dpi
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF (v 1.3), XHTML-Print 0.95, PML (Printer Management Language)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF (v 1.3), XHTML-Print 0.95, HP PJI (Printer Job Language), PML (Printer Management Language)
<b>Input Capacity, Std</b>	<b>4345mfp</b> : 600 sheets; <b>4345x mfp/4345xm mfp/4345xs mfp</b> : 1,100 sheets	3,100 sheets
<b>Typefaces</b>	80 scalable TrueType	80 internal TrueType scalable in HP PCL and postscript level 3 emulation; additional font solutions available via flash memory
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, fax connection (4345mfp only; for optional analog fax accessory), 1 open EIO slot	IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, fax connection (or optional analog fax accessory), 1 open EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, connectivity card for USB/Serial/LocalTalk, Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Fast Infrared (FIR), Bluetooth wireless
<b>FAX:¹</b>		
<b>Speed</b>	Up to 33.6 Kbps²	Optional [with purchase of analog fax accessory (Q3701A)]
<b>Memory</b>	Utilizes 20 GB hard drive	Optional [with purchase of analog fax accessory (Q3701A)]
<b>COPIER:</b>		
<b>Speed, Max</b>	Up to 45 cpm (single-sided)	<b>9040mfp</b> : Up to 40 cpm; <b>9050mfp</b> : Up to 50 cpm
<b>Resolution, Black Text</b>	600 × 600 dpi	600 × 600 dpi
<b>Copier Settings</b>	Scalability, contrast, reducing or enlarging, background removal, sharpness, N- or Z-ordering, change size, change orientation	Scalability, contrast, N-up, auto/text/graphic, one pass two-sided scanning, change size, change orientation
<b>Reduce/Enlarge</b>	25–400% (from glass), 25–200% (from ADF)	25–400% (from glass), 25–200% (from ADF)
<b>SCANNER:</b>		
<b>Scan Resolution, Enh³/Opt</b>	600 × 600 dpi	600 × 600 dpi
<b>Grayscale Levels</b>	256	256
<b>DIGITAL SENDING:</b>		
<b>Features, Std</b>	Scan to e-mail, scan to folder, LDAP Authentication	Scan to e-mail, scan to folder, LDAP Authentication
<b>Features, Opt</b>	Send to folder, authentication, send to LAN fax, send to printer, send to application	Send to folder, authentication, send to LAN fax, send to printer, send to application
<b>File Format</b>	PDF, MTIFF, TIFF, JPEG	PDF, JPEG, TIFF, MTIFF
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain, bond, recycled, preprinted, letterhead, color, prepunched, rough), envelopes, transparencies, labels, cardstock	Paper (plain, preprinted, letterhead, prepunched, bond, color, recycled, rough), transparencies, labels, cardstock
<b>Media Sizes, Std</b>	Letter, legal, executive, statement, 8.5 × 13 in, envelopes (No. 10, Commercial)	Letter, legal, executive, tabloid, JPostD, envelopes (No. 10, Monarch)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, multipurpose tray 1, 3-bin mailbox, stacker element of stapler/stacker; 5.8 × 8.3 in to 8.5 × 14 in, trays 2, 3, 4, 5	3.9 × 7.5 in to 12.3 × 18.5 in, multifunction tray 1; 5.8 × 8.3 in to 11.7 × 17 in, trays 2, 3, 4, ADF
<b>Memory, Std/Max</b>	256 MB/512 MB	256 MB/512 MB
<b>ADF Capacity</b>	50 sheets	100 sheets
<b>Duty Cycle, Monthly</b>	Up to 200,000 pages	Up to 300,000 pages
<b>Dimensions (W × D × H)</b>	<b>4345mfp</b> : 30 × 19 × 21.5 in; <b>4345x mfp</b> : 30 × 19 × 26.3 in; <b>4345xm mfp/4345xs mfp</b> : 36 × 19 × 43.7 in	46 × 31 × 47 in (with stacker or stapler/stacker), 51 × 31 × 47 in (with multifunction finisher), 43 × 33 × 48 in (with 8-bin mailbox)
<b>Weight</b>	<b>4345mfp</b> : 117.7 lb; <b>4345x mfp</b> : 140.5 lb; <b>4345xm mfp/4345xs mfp</b> : 264 lb	317 lb (without finishing output solution)

¹Fax capability standard on HP LaserJet 4345x mfp, 4345xm mfp and 4345xs mfp (optional on LaserJet 4345mfp, 9040mfp and 9050mfp).

²Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

³Maximum dpi is limited by available computer memory, disk space and other system factors.

# HP Multifunction and All-in-One Product Specifications



LaserJet 9055mfp • 9065mfp  
Q3631A • Q3632A



9085mfp  
Q3218A

<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, black and white scanning, advanced finishing, optional send to folder/printer/application	Black and white printing, black and white copying, black and white scanning, optional advanced finishing and scan to e-mail
<b>PRINTER:</b>		
<b>Print Cartridges</b>	1 (black)	1 (black)
<b>Print Technology</b>	Laser electrostatic	Laser
<b>Print Speed Black, Best Quality, Letter</b>	<b>9055mfp:</b> Up to 55 ppm; <b>9065mfp:</b> Up to 65 ppm	Up to 85 ppm
<b>First Page Out</b>	6.7 secs	Approximately 3.3 secs (first copy out)
<b>Print Quality, Black Best</b>	600 × 600 dpi	600 dpi
<b>Technology, Print Resolution</b>	600 × 600 dpi, polymerized toner	600 × 600 dpi
<b>Print Languages, Std</b>	HP PCL 6, HP postscript level 3 emulation, direct PDF, automatic language switching	PCL 6, Adobe PostScript 3 (standard with purchase of EFI print controller kit)
<b>Input Capacity</b>	2,600 sheets	2,150 sheets
<b>Typefaces</b>	80 scalable TrueType	136 PostScript scalable, 80 PCL scalable
<b>Connectivity, Std</b>	Optional with HP Print Kit (Q3639A)	Optional with EFI print controller kit (Q5681A)
<b>Connectivity, Opt</b>	HP Print Kit (includes HP Jetdirect 615n print server, print drivers, 256 MB printer and copier memory, 20 GB hard disk), HP Jetdirect wireless print servers, connectivity card for USB/Serial/LocalTalk	Fast Ethernet 10/100Base-TX
<b>Two-Sided Printing</b>	Automatic (standard)	Automatic (standard)
<b>COPIER:</b>		
<b>Speed, Max</b>	<b>9055mfp:</b> 55 cpm; <b>9065mfp:</b> 65 cpm	85 cpm
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi	Selectable 400–600 dpi
<b>Copier Settings</b>	Auto magnification; auto exposure (plus 9-level manual density); auto media select detects 11 × 17 in, 8.5 × 14 in, 8.5 × 11 R in, 8.5 × 11 in, 5.5 × 8.5 in	Enlarge or reduce, density level, double-sided copy, special paper, output mode, binding mode, proof copy, rotation, cover sheet, reverse image, stamps, non-image area erase, auto layout, all image area, image shift, reduce and shift, overlay, image store
<b>Number Of Copies, Max</b>	9,999	9,999
<b>Reduce/Enlarge</b>	25–400%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution: Enhanced<sup>1</sup></b>	600 × 600 dpi	600 × 600 dpi
<b>Optical</b>	600 × 600 dpi	600 × 600 dpi
<b>Grayscale Levels</b>	256	256
<b>DIGITAL SENDING:</b>		
<b>Features, Std</b>	None	None
<b>Features, Opt</b>	Send to folder, send to printer, send to application	Scan to e-mail
<b>File Format</b>	Not applicable	PDF, TIFF, JPEG
<b>GENERAL:</b>		
<b>Media Types</b>	Paper (plain), transparencies, tabbed dividers, blueprint master, cover, cardstock	Paper (plain), transparencies (bypass tray only), heavy stock (up to 200 g/m <sup>2</sup> )
<b>Media Sizes, Std</b>	Letter, letter wide, letter R, letter R wide, ledger, ledger wide, executive, executive R, statement (half-letter), statement R, statement wide	Letter, letter wide, letter R, letter R wide, ledger, ledger wide, executive, executive R, statement (half-letter), statement R, statement wide
<b>Media Sizes, Custom</b>	5.5 × 8.5 in to 12 × 18 in	8.3 × 5.5 in to 12.4 × 17.5 in
<b>ADF Capacity</b>	100 sheets	100 sheets
<b>Duty Cycle, Monthly</b>	300,000 pages	750,000 pages
<b>Memory, Std</b>	64 MB (copier)	128 MB (copier and printer)
<b>Memory, Max</b>	384 MB (printer), 320 MB (copier)	896 MB
<b>Dimensions (W × D × H)</b>	25.6 × 29.9 × 44.9 in (MFP with reversing ADF)	35 × 31 × 46 in (MFP with reversing ADF)
<b>Weight</b>	418.5 lb (MFP with reversing ADF)	617 lb (MFP with reversing ADF)

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.



**Color LaserJet 2820 • 2840**  
**Q3948A • Q3950A**

<b>AIO/MFP Functions</b>	<b>2820:</b> Color printing, color copying, color scanning; <b>2840:</b> plus black and white faxing, color direct digital photo printing
<b>PRINTER:</b>	
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)
<b>Print Technology</b>	Laser
<b>Print Speed, Best Quality, Letter</b>	Up to 20 ppm black, up to 4 ppm color
<b>First Page Out</b>	Up to 18 secs black, up to 29 secs color
<b>Resolution Technology</b>	HP ImageREt 2400
<b>Print Quality:</b>	
<b>Black Best</b>	Up to HP FastRes 1200 (600 × 600 dpi)
<b>Color Best</b>	Up to HP ImageREt 2400 (600 × 600 dpi)
<b>Print Languages, Std</b>	HP PCL 6, HP postscript level 3 emulation, Postscript Printer Description (PPD)
<b>Envelope Input</b>	10
<b>Envelope Feeder</b>	No
<b>Paper Trays, Std</b>	<b>2820:</b> 1; <b>2840:</b> 2
<b>Paper Trays, Max</b>	2
<b>Input Capacity, Std</b>	<b>2820:</b> 125 sheets; <b>2840:</b> 375 sheets
<b>Input Capacity, Max</b>	375 sheets
<b>Output Capacity, Max</b>	125 sheets
<b>Typefaces</b>	80 scalable TrueType built-in PCL 6 and postscript
<b>Connectivity, Std</b>	Hi-Speed USB 2.0, Ethernet, RJ-45 port
<b>Connectivity, Opt</b>	None
<b>Two-Sided Printing</b>	Manual (driver support provided)
<b>FAX:1</b>	
<b>Speed<sup>2</sup></b>	3 secs per page (Slerexe page, standard resolution)
<b>Memory<sup>2</sup></b>	Up to 250 pages
<b>PC Fax Interface</b>	Yes, software included
<b>Forwarding</b>	Yes
<b>Fax Blocking</b>	Yes
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 20 cpm black, up to 4 cpm color
<b>Resolution, Black Text And Graphics</b>	Up to 600 × 600 dpi
<b>Resolution, Color Text And Graphics</b>	Up to HP ImageREt 2400 (600 × 600 dpi)
<b>Number Of Copies, Max</b>	Up to 99
<b>Reduce/Enlarge</b>	25-400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>3</sup></b>	19200 × 19200 dpi
<b>Optical</b>	1200 dpi
<b>Scan Speed</b>	Not available
<b>Grayscale Levels</b>	256
<b>GENERAL:</b>	
<b>Media Types<sup>4</sup></b>	Multipurpose tray: paper [plain, letterhead, prepunched, bond, color, rough, preprinted, recycled, HP Color Laser Photo (glossy, matte), HP Color Laser Brochure (glossy), HP Presentation Laser (soft gloss), HP LaserJet Tough], HP LaserJet transparencies, labels, envelopes, cardstock; 250-sheet paper tray: paper [plain, letterhead, prepunched, bond, color, rough, preprinted, recycled]; ADF: paper [plain, bond, recycled], HP LaserJet transparencies, envelopes, labels, postcards
<b>Media Sizes, Std</b>	Multipurpose tray: letter, legal, executive, envelopes (No. 10, Monarch); 250-sheet paper tray: letter, legal, executive, 8.5 × 13 in; ADF: letter, legal, executive
<b>Media Sizes, Custom</b>	4.1 × 5.8 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 250-sheet paper tray; 5 × 5 in to 8.5 × 14 in, ADF
<b>ADF Capacity</b>	50 pages
<b>Duty Cycle, Monthly</b>	Up to 30,000 pages
<b>Memory, Std</b>	96 MB
<b>Memory, Max</b>	224 MB
<b>Memory Card Compatibility</b>	CompactFlash, Secure Digital, Memory Stick, Memory Stick PRO, SmartMedia, MultiMediaCard, xD-Picture Card

<sup>1</sup>Fax capability standard on HP LaserJet 2840 only, not available on HP LaserJet 2820.

<sup>2</sup>Based on standard ITU-T test image #1 standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>3</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

<sup>4</sup>Papers featuring coatings and finishes designed specifically for use in ink-printing devices are not compatible.

# HP Multifunction and All-in-One Product Specifications



Color LaserJet 4730mfp • 4730x mfp • 4730xs mfp • 4730xm mfp  
Q7517A • Q7518A • Q7519A • Q7520A

<b>AIO/MFP Functions</b>	Color printing, color copying, color digital sending, black-and-white fax (optional on 4730mfp)
<b>PRINTER:</b>	
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)
<b>Print Speed Black, Best Quality, Letter</b>	Up to 30 ppm
<b>Print Quality, Black Best</b>	Up to 600 × 600 dpi
<b>Resolution Technology</b>	HP ImageREt 3600
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing (v 1.4), PML (Printer Management Language)
<b>Two-Sided Printing</b>	Automatic (standard)
<b>Paper Trays, Std</b>	4
<b>Paper Trays, Max</b>	4
<b>Input Capacity, Std</b>	1600 sheets
<b>Input Capacity, Max</b>	1600 sheets
<b>Output Capacity, Std</b>	<b>4730mfp / 4730x mfp:</b> 500-sheet face-down output bin; <b>4730xs mfp:</b> 500-sheet stapler/stacker; <b>4730xm mfp:</b> 700-sheet 3-bin mailbox
<b>Output Capacity, Max</b>	500 sheets
<b>Typefaces</b>	80 internal TrueType fonts scalable in HP PCL and HP Postscript Level 3 emulation; additional font solutions available via Flash memory
<b>Connectivity, Std</b>	Bidirectional IEEE-1284C parallel port, Hi-Speed USB 2.0 port (compatible with USB 2.0 specifications), HP Jetdirect Fast Ethernet Embedded Print Server, 1 open EIO slot, foreign interface harness, host USB accessory port
<b>Connectivity, Opt</b>	HP Jetdirect internal and external print servers, HP wireless print servers, Bluetooth wireless printer adapter
<b>Envelope Input</b>	20
<b>FAX:</b>	
<b>Resolution, Best</b>	300 × 300 dpi
<b>Speed</b>	Up to 33.6 kbps
<b>Speed Dialing, Max</b>	100 numbers
<b>Forwarding</b>	Yes
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 30 cpm
<b>Resolution, Black Text</b>	600 × 600 dpi
<b>Copier Settings</b>	Scalability, contrast, background removal, sharpness, N- or Z-ordering, orientation
<b>Number Of Copies, Max</b>	999
<b>Reduce/Enlarge</b>	25-400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced</b>	600 × 600 dpi
<b>Optical</b>	Up to 600 dpi
<b>Grayscale Levels</b>	256
<b>DIGITAL SENDING:</b>	
<b>Features, Std</b>	Embedded scan to e-mail
<b>Features, Opt</b>	Optional via HP Digital Sending Software (HP DSS), secondary e-mail, send to folder, send to workflow, authentication, digital fax (send to LAN, Windows 2000, Internet)
<b>File Format</b>	PDF, JPEG, TIFF, MTIFF
<b>GENERAL:</b>	
<b>Media Types</b>	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, light, intermediate, heavy, extra heavy, rough, glossy, heavy glossy, tough), transparencies, labels, envelopes, card stock
<b>Media Sizes, Std</b>	Letter, legal, statement, executive, envelopes (No. 10, commercial)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, multipurpose tray; 5.8 × 8.3 in to 8.5 × 14 in, 500-sheet input trays; custom sizes not supported on automatic two-sided printing, optional 3-bin mailbox and stapling with the optional stapler/stacker
<b>ADF Capacity</b>	Standard, 50 sheets
<b>Duty Cycle, Monthly</b>	Up to 9,000 pages
<b>Memory, Std</b>	320 MB (256 MB RAM and 64 MB fixed memory)
<b>Memory, Max</b>	512 MB
<b>Dimensions (W × D × H)</b>	<b>4730mfp/4730x mfp:</b> 31 × 25.2 × 45.4 in; <b>4730xs mfp/4730xm mfp:</b> 43.5 × 25.2 × 45.4 in
<b>Weight</b>	<b>4730mfp/4730x mfp:</b> 273 lb; <b>4730xs mfp/4730xm mfp:</b> 298 lb



**Color LaserJet 9500mfp  
C8549A**



**Color 9850mfp  
Q3225A**

<b>AIO/MFP Functions</b>	Color printing, color copying, analog black and white faxing, scan to e-mail, document finishing, optional digital sending	Color printing, color copying, color scanning, optional scan to e-mail
<b>PRINTER:</b>		
<b>Print Cartridges</b>	4 (1 each black, cyan, magenta, yellow)	4 (1 each black, cyan, magenta, yellow)
<b>Print Speed, Best Quality, Letter</b>	Up to 24 ppm black and color	Up to 50 ppm black and color
<b>First Page Out</b>	Approximately 20 secs black and color	Approximately 7.6 secs color, 6 secs black
<b>Resolution Technology</b>	HP ImageREt 4800	Laser writing
<b>Print Quality:</b> <b>Black Best</b>	600 dpi	600 dpi
<b>Color Best</b>	600 dpi	600 × 600 dpi (600 × 1800 dpi enhanced resolution)
<b>Print Languages, Std</b>	HP PCL 5c, HP PCL 6, HP postscript level 3 emulation	Adobe PostScript 3, HP PCL 5e (with color; standard with purchase of EFI print controller kit)
<b>Input Capacity</b>	3,100 sheets (requires ordering of 2,000-sheet input tray (Q1891A))	1,750 sheets
<b>Typefaces</b>	80 scalable TrueType built-in	Adobe PostScript 3, HP PCL 5e (with color; standard with purchase of EFI print controller kit)
<b>Connectivity, Std</b>	USB 1.1, IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server, copy connect card (EIO), FIH (foreign interface harness), HP Jetlink, RJ-11 (to the external fax line)	Optional with EFI external print controller (Q5695A) or EFI internal print controller (Q7433A)
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless	Fast Ethernet 10/100Base-TX
<b>Two-Sided Printing</b>	Automatic (standard)	Automatic (standard)
<b>FAX:</b>		
<b>Speed</b>	33,600 bps <sup>1</sup>	Not applicable
<b>Memory</b>	Utilizes 20 GB hard drive	Not applicable
<b>Speed Dialing, Max</b>	100 numbers	Not applicable
<b>COPIER:</b>		
<b>Speed, Max</b>	Up to 24 cpm black and color	Up to 50 cpm black and color
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi	600 × 600 dpi
<b>Copier Settings</b>	Scalability, contrast, N-up, auto/text/graphic, one-pass two-sided scanning, change size, change orientation, crop, move, hide	Four color modes, enlarge or reduce, density level, double-sided copy, special paper, output mode, binding mode, stapling, booklet, trimming, proof copy, rotation, cover sheet, reverse image, stamps, non-image area erase, auto layout, all image area, image shift, reduce and shift, overlay, image store/delete, image recall
<b>Number Of Copies, Max</b>	999	9,999
<b>Reduce/Enlarge</b>	25–200%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution:</b> <b>Enhanced<sup>2</sup> Optical</b>	600 dpi 600 dpi	600 × 600 dpi 600 dpi
<b>Scan Speed</b>	Up to 24 ppm black and color	Up to 37 ppm black and color
<b>DIGITAL SENDING:</b>		
<b>Features, Std</b>	Scan to e-mail	None
<b>Features, Opt</b>	Scan to printers, FTP sites, network folders, LAN fax and internet fax (requires purchase of HP DSS 4.0 (T1936AA); software is server-based, server required)	Scan to e-mail
<b>File Format</b>	PDF, JPEG, TIFF, MTIFF	PDF, TIFF, JPEG
<b>GENERAL:</b>		
<b>Media Sizes, Std</b>	Letter, letter R, legal, tabloid, envelopes (No. 10, Monarch), tray 1; letter, letter R, legal, 8.5 × 13 in, tabloid, trays 2, 3, 4	Letter, legal, half letter, ledger
<b>ADF Capacity</b>	100 sheets	100 sheets
<b>Duty Cycle, Monthly</b>	Up to 200,000 pages	150,000 pages
<b>Memory, Std</b>	512 MB	512 MB (MFP engine and EFI external print controller), 256 MB (EFI internal print controller)
<b>Memory, Max</b>	512 MB	1.5 GB (MFP engine), 1 GB (EFI external print controller), 512 MB (EFI internal print controller)
<b>Dimensions (W × D × H)</b>	62.9 × 32.9 × 48 in (with output options and input devices attached, trays and scanner lid closed)	30 × 35 × 46 in (MFP with reversing ADF)
<b>Weight</b>	287 lb (does not include print supplies or output device)	722 lb (MFP with reversing ADF)

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

# HP Officejet 4215 All-in-One

Compact and powerful, get professional-quality printing, plus faxing, scanning and copying.



HP Officejet 4215

## Product pointers

- Delivers fast printing, faxing, copying and outstanding scanning—all in color, all from one compact integrated product. All functions are easy to use and designed to work together for maximum productivity.
- Make a positive impression every time you print with reliable, professional, photo-quality color and laser-quality black. Enjoy the versatility of up to 4800 optimized dpi color and 4-ink color, or optional 6-ink color (with purchase of photo ink cartridge) for richer photos.
- Fast, convenient faxing with a 33.6 Kbps modem. Get black and color faxing without a PC. Multiple speed dial settings make faxing convenient, plus business fax features include plenty of fax memory and PC fax.
- Enjoy more workspace with easy fold-up paper trays for storage and dust protection. Save space and keep receiving faxes or keep printing even while top fold-up paper trays are closed.
- Get more printing and copying done in less time—black text and color graphic documents in up to 17 ppm laser-quality black and up to 12 ppm color.
- HP's quality printing, faxing, scanning and copying integrated into one product, all backed by one year of HP Customer Care, service and support.

## Ordering information

<b>Model Number</b>	<b>4215</b>
<b>Commercial</b>	Q5601A
<b>Retail</b>	Q5601A (ABA)
<b>Canada</b>	Q5601A (A2L)

## Compatibility

<b>Operating System</b>	<b>4215</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS	• <sup>1</sup>

<sup>1</sup>Mac OS 9.1 and OS X.

## In the box

- Black ink cartridge (19 ml)
- Tri-color ink cartridge (8 ml)
- User's guide on CD-ROM
- Setup poster
- Power cord
- Phone cord

## Software

- HP Image Zone Photo and Imaging
- HP Director
- HP Photo Gallery
- HP Image Editor
- HP Instant Share
- HP Photo Prints
- HP Album Printing
- HP Quick 4 × 6 Prints
- Readiris PRO Text Recognition Software
- HP Send to Programs

## Shipping weight and shipping dimensions

- 4215 11 lb 18.8 × 9.5 × 10.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support
- HP Care Pack options**
- Next Day Exchange: U8225A/E  
2 years U4790A/E  
3 years

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-3935ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- Supplies and accessories**
- [www.hp.com](http://www.hp.com)
  - HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

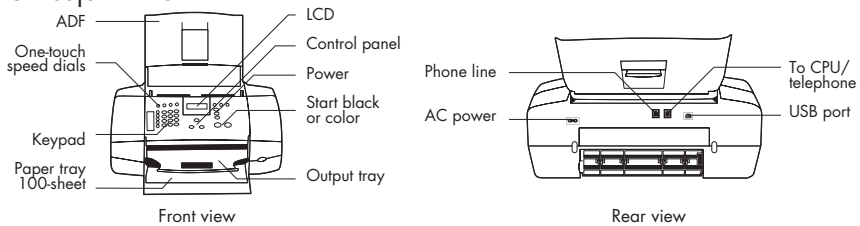
• See page 193 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

4215	
<b>Product Number</b>	<b>Q5601A</b>
<b>AIO/MFP Functions</b>	Color printing, color faxing, color scanning, color copying
<b>PRINTER:</b>	
<b>Speed Black, Draft Quality</b>	Up to 17 ppm
<b>Speed Color, Draft Quality</b>	Up to 12 ppm
<b>Print Quality, Best</b>	Up to 1200 × 1200 dpi black, 4800 × 1200 optimized dpi color (with 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDIL)
<b>Input Capacity</b>	100 sheets
<b>Envelope Input</b>	10
<b>Connectivity, Std</b>	USB
<b>Two-Sided Printing</b>	None
<b>FAX:</b>	
<b>Resolution, Best</b>	Up to 300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	100 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, software not included
<b>Speed Dialing, Max</b>	80 numbers
<b>Forwarding</b>	Yes (black only)
<b>Fax Blocking</b>	Yes
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 17 cpm black, up to 12 cpm color
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 dpi
<b>Black Graphics</b>	Up to 1200 × 1200 dpi
<b>Color Text And Graphics</b>	Up to 2400 × 1200 dpi (on HP Premium Photo Paper)
<b>Copier Settings</b>	Number of copies, photo fit to page, copy quality, lighter/darker, reduce/enlarge, paper type, paper size, enhancements
<b>Number Of Copies, Max</b>	100
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	600 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, cards
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in
<b>ADF Capacity</b>	20 sheets
<b>Duty Cycle, Monthly</b>	1,500 pages

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP Officejet 4215



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

• HP 28 Tri-Color Inkjet Print Cartridge	C8728AN
• HP 56 Black Inkjet Print Cartridge	C6656AN
• HP 57 Tri-Color Inkjet Print Cartridge	C6657AN
• HP 58 Photo Inkjet Print Cartridge	C6658AN

#### Media

• HP Multipurpose Paper, letter (500 sheets)	HPM1120
• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Brochure and Flyer Paper, glossy, letter (50 sheets)	C6817A
• HP Brochure and Flyer Paper, glossy, letter (150 sheets)	Q1987A

#### Cables

• USB Cable, A-B:	
2-Meter	C6518A
3-Meter	C6520A



# HP Officejet 5510 All-in-One

Reliable and versatile, HP delivers outstanding printing plus flatbed faxing, scanning and copying.

## Product pointers

- Get laser-quality black text and professional photo-quality color printing with up to 4800-optimized dpi, great for printing documents with text, photos and graphics.
- HP scanning technology turns a variety of materials, such as books and bound documents, into digital files for editing and sharing. Convenient copy features include reprints of brochures, business cards and more. Text recognition software converts scans into text.
- Fax, scan and copy multiple-page documents, up to 20 pages, using the integrated 20-page automatic document feeder (ADF). Each page is automatically fed unattended into the HP Officejet 5510 to be faxed, scanned or copied in order.
- Fast, convenient faxing that uses a 33.6 Kbps modem. Get color faxing without a PC. Five one-touch speed dials and up to 90 total speed dials make faxing convenient. Additional business fax features include up to 90 pages of fax memory and PC fax.
- Delivers fast printing, faxing, copying and outstanding scanning, all in color and all from one compact, integrated product with easy-to-use functions designed to work together.
- Outstanding resolution, 600 × 2400 dpi optical resolution, up to 19200 dpi enhanced (depending on computer memory, disk space and other system factors) and 36-bit color. One-touch button directs scans to a variety of destinations including e-mail.

## Ordering information

<b>Model Number</b>	<b>5510</b>
<b>Commercial</b>	Q3435A
<b>Retail</b>	Q3435A
<b>Canada</b>	Q3435A (ABA)

## Compatibility

<b>Operating System</b>	<b>5510</b>
<b>Standard Desktop</b>	
<b>Windows 98</b>	•
<b>Windows 2000</b>	•
<b>Windows Me</b>	•
<b>Windows XP</b>	•
<b>Mac OS</b>	• <sup>1</sup>

<sup>1</sup>Mac OS 9.1 and Mac OS X.



HP Officejet 5510

## In the box

- Black ink cartridge (19 ml)
- Tri-color ink cartridge (17 ml)
- Media pack and bag
- Software CD-ROM
- Setup poster
- Reference guide
- Power cord
- Phone cord

## Software

- HP Photo and Imaging (includes HP Director, Photo Gallery, Image Editor, HP Instant Share, HP Photo Prints, HP Creative Projects, HP Quick 4 × 6 Prints, Readiris PRO Text Recognition Software, HP Send to Programs, HP Memories Disc DVD Creator)

## Shipping weight and shipping dimensions

- 5510 14.8 lb 19.7 × 11.2 × 13.3 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-6792ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

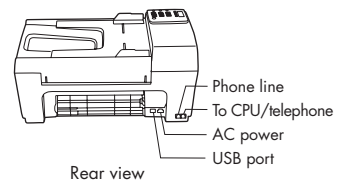
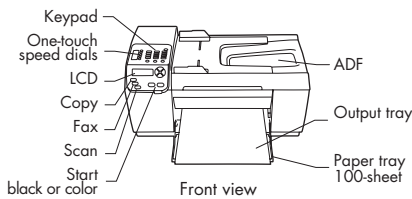
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

• See page 193 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

5510	
<b>Product Number</b>	<b>Q3435A</b>
<b>AIO/MFP Functions</b>	Color printing, color faxing, color scanning, color copying
<b>PRINTER:</b>	
<b>Speed Black, Draft Quality</b>	Up to 17 ppm
<b>Speed Color, Draft Quality</b>	Up to 12 ppm
<b>Resolution Technology</b>	HP PhotoREt III
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDIL)
<b>Input Capacity</b>	100 sheets
<b>Envelope Input</b>	10
<b>Connectivity, Std</b>	USB
<b>Two-Sided Printing</b>	None
<b>FAX:</b>	
<b>Resolution, Best</b>	200 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	Up to 90 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, sending only
<b>Speed Dialing, Max</b>	90 numbers
<b>Forwarding</b>	Yes
<b>Fax Blocking</b>	Yes, through software only
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 17 cpm black, up to 12 cpm color
<b>Resolution, Color Text And Graphics</b>	Up to 1200 × 1200 dpi
<b>Copier Settings</b>	Stand-alone, fit to page (from glass only), 100%, reduce/enlarge
<b>Number Of Copies, Max</b>	99
<b>SCANNER:</b>	
<b>Scan Resolution: Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	600 × 2400 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, cards, envelopes
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in
<b>ADF Capacity</b>	20 sheets
<b>Duty Cycle, Monthly</b>	1,500 pages
<sup>1</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.	
<sup>2</sup> Maximum dpi is limited by available computer memory, disk space and other system factors.	

## HP Officejet 5510 (Shown with paper)



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 56 Black Inkjet Print Cartridge C6656AN
- HP 57 Tri-Color Inkjet Print Cartridge C6657AN

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Brochure and Flyer Paper, glossy, letter (50 sheets) C6817A
- HP Premium Photo Paper, glossy, letter (15 Sheets) C6039A

### Cables

- USB Cable, A-B: 2-Meter C6518A
- 3-Meter C6520A

**New!**

# HP Officejet 5610 All-in-One

Compact printer, fax, copier and scanner with professional quality and junk-fax barrier.

## Product pointers

- Work more efficiently with printing and copying in laser-quality black and professional color. Plus, convenient fax with junk-fax barrier and quality scanning all-in-one compact machine designed for simple productivity.
- Increase productivity with the performance of this HP all-in-one. Work with fast print and copy speeds up to 20 ppm black, up to 13 ppm color. Enjoy HP's efficient ink cartridge design that limits waste and the 25-sheet auto document feeder.
- Enhance your printing and copying with laser-quality text and professional-photo-quality color. Produce archived documents that will retain clarity for decades and beautiful photos with exceptional fade resistance.
- Simply operate without a computer using two-line text display and one-touch buttons. Block unwanted faxes with junk-fax barrier. Enjoy automatic image enhancements with HP Real Life technologies and easy photo sharing with included HP Instant Share.

## Ordering information

<b>Model Number</b>	<b>5610</b>
<b>Commercial</b>	Q7311A (ABA)
<b>Retail</b>	Q7311A (ABA)
<b>Canada</b>	Q7311A (ABA)

## Compatibility

<b>Operating System</b>	<b>5610</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows 98 SE	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS <sup>1</sup>	•

<sup>1</sup>Mac OS X v 10.2.8, 10.3, 10.4



HP Officejet 5610

## In the box

- Black ink cartridge (10 ml)
- Tri-color ink cartridge (5 ml)
- Software CD-ROM
- Setup Booklet
- User's Guide
- Power supply
- Power cord
- Phone cord

## Shipping weight and shipping dimensions

- 5610 18.2 lb 19.8 x 11.7 x 15.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange: 3 years U4790E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2527ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

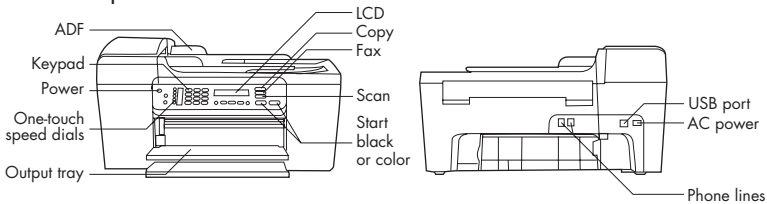
• See page 194 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

	<b>5610</b>
<b>Product Number</b>	<b>Q7311A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing
<b>PRINTER:</b>	
<b>Speed Black:</b>	
<b>Draft Quality</b>	Up to 20 ppm
<b>Normal Quality</b>	Up to 7.2 ppm
<b>Best Quality</b>	Up to 2.9 ppm
<b>Speed Color:</b>	
<b>Draft Quality</b>	Up to 13 ppm
<b>Normal Quality</b>	Up to 2.9 ppm
<b>Best Quality</b>	Up to 2.9 ppm
<b>Print Quality, Best</b>	Up to 1200 rendered dpi black, up to 4800 × 1200 optimized dpi color and 1200 input dpi
<b>Resolution Technology</b>	HP PhotoREt III ( HP PhotoREt IV with optional photo cartridge)
<b>Print Languages, Std</b>	HP PCL 3
<b>Envelope Input, Std</b>	15
<b>Two-Sided Printing</b>	None
<b>Input Capacity</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB
<b>FAX:</b>	
<b>Resolution, Best</b>	Up to 200 × 200 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	100 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes (sending only)
<b>Speed Dialing, Max</b>	Up to 80 numbers
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 20 cpm black, up to 13 cpm color
<b>Resolution, Black Text</b>	Up to 1200 × 2400 dpi
<b>Resolution:</b>	
<b>Black Graphics</b>	Up to 600 × 1200 dpi
<b>Color Text And Graphics</b>	Up to 1200 × 2400 dpi
<b>Copier Settings</b>	Stand-alone copying: fit to page, 100% (with software: photo-size choices and reduce/enlarge)
<b>Number Of Copies, Max</b>	Up to 100 copies
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	Up to 1200 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, cards
<b>ADF Capacity</b>	25
<b>Duty Cycle, Monthly</b>	1,500 pages
<b>Remote Front Panel Software</b>	No

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP Officejet 5610 All-in-One



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

• HP 22 Tri-Color Inkjet Print Cartridge	C9352AN
• HP 27 Black Inkjet Print Cartridge	C8727AN
• HP 56 Black Inkjet Print Cartridge	C6656AN
• HP 58 Photo Inkjet Print Cartridge	C6658AN

#### Media

• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A
• HP Premium Photo Paper, glossy, letter (50 Sheets)	C6979A
• HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets)	Q1990A

#### Cables

• USB Cable, A-B, 2-Meter	C6518A
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# HP Officejet 6210 All-in-One

Professional quality print, fax, scan and copy plus laser-quality text. Print photos with PictBridge.

## Product pointers

- Copy photos, text and more to create a variety of colorful brochures, flyers, posters, reports and other projects—without a PC. Making photo reprints and enlargements is also easy with simple one-touch buttons.
- Fast, convenient color and black text faxing at 33.6 Kbps—with or without a PC. Save time with up to five one-touch speed dials, and with a large, 100–120 page fax memory—you'll never miss a fax even if you run out of paper.
- Get more work done in less time—print and copy black text and color graphic documents faster with breakthrough speeds up to 23 ppm laser-quality black and up to 18 ppm color.
- Make a positive impression every time with professional photo-quality color and laser-quality black. Enjoy the versatility of printing in up to 4800 × 1200 optimized dpi and 4-ink color, or optional 6-ink color (with purchase of photo cartridge) for richer tones and finer detail.
- Print photos without a PC by connecting select HP and PictBridge-enabled cameras to the front USB port on printer. PictBridge is the new industry standard that enables direct printing of photo files from cameras to printers, using USB port and cable.
- Save time and work more efficiently with your all-in-one using HP's sleek, integrated 20-sheet automatic document feeder. Ideal for fast, hands-free copying, scanning and faxing multipage color or black and white projects.

## Ordering information

<b>Model Number</b>	<b>6210</b>
<b>Commercial</b>	Q5801A
<b>Retail</b>	Q5801A (ABA)
<b>Canada</b>	Q5801A (A2L)

## Compatibility

<b>Operating System</b>	<b>6210</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS 9.1 and later	•
Mac OS X 10.1.5, 10.2.3, 10.3.x	•



HP Officejet 6210

## In the box

- Black ink cartridge (11 ml)
- Tri-color ink cartridge (7 ml)
- Phone cord
- Power cord
- Power supply
- Setup poster
- Software on CD-ROM
- User's guide

## Software

- HP Image Zone and HP Photo and Imaging (includes HP Director, HP Photo Gallery, HP Image Editor, HP Instant Share, HP Photo Prints, HP Creative Projects, HP Quick 4 × 6 Prints, HP Document Viewer, HP Send-to-Programs)

## Shipping weight and shipping dimensions

- 6210 20.8 lb 19.64 × 11.7 × 15.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-8327ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- [http://hp.com/partners/us](http://http://hp.com/partners/us)

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

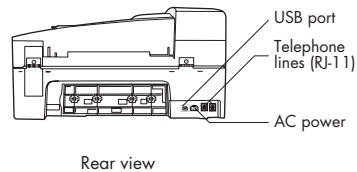
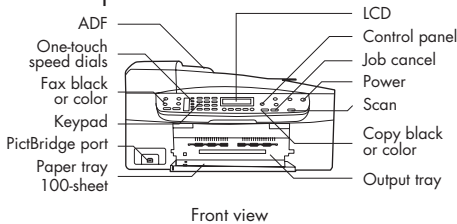
• See page 194 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

6210	
<b>Product Number</b>	<b>Q5801A</b>
<b>AIO/MFP Functions</b>	Color printing, color faxing, color scanning, color copying
<b>PRINTER:</b>	
<b>Speed Black, Draft Quality</b>	Up to 23 ppm
<b>Speed Color, Draft Quality</b>	Up to 18 ppm
<b>Resolution Technology</b>	HP PhotoREt III
<b>Print Languages, Std</b>	HP PCL 3
<b>Input Capacity</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB, PictBridge
<b>Connectivity, Opt</b>	None
<b>FAX:</b>	
<b>Resolution, Best</b>	300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	Up to 100 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, PC fax send only
<b>Speed Dialing, Max</b>	100 numbers
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 23 cpm black, up to 18 cpm color
<b>Copier Settings</b>	Actual size, fit to page, custom, photo sizes, fill entire page, many on a page, poster, 2 on 1, margin shift
<b>Number Of Copies, Max</b>	100
<b>Resolution:</b>	
<b>Black Text</b>	Up to 1200 × 600 dpi
<b>Black Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Color Text and Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	2400 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panoramic (4 × 10 in, 4 × 11 in, 4 × 12 in)
<b>ADF Capacity</b>	20 sheets
<b>Duty Cycle, Monthly</b>	3,000 pages

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Officejet 6210



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUJ).

### Ink

• HP 94 Black Inkjet Print Cartridge	C8765WN
• HP 95 Tri-Color Inkjet Print Cartridge	C8766WN
• HP 97 Large Tri-Color Inkjet Print Cartridge	C9363WN
• HP 99 Photo Inkjet Print Cartridge	C9369WN

### Media

• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Brochure and Flyer Paper, glossy, letter (50 sheets)	C6817A
• HP Premium Photo Paper, glossy, letter (15 sheets)	C6039A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A

### Cables

• USB Cable, A-B, 2-Meter	C6518A
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# HP Officejet 7210 All-in-One

Breakthrough print, fax, scan and copy performance with built-in networking for the home office.

## Product pointers

- Work with flexibility and efficiency in your home or small office. The HP Officejet 7210 All-in-One has built-in Ethernet networking so you can easily share print, fax send, scan, and copy capabilities with up to five computers in your office.
- A compact value with professional performance—breakthrough print and copy speeds, fast faxing and high-resolution scanning. A 50-sheet automatic document feeder and optional auto two-sided printing (purchase of two-sided print accessory required) helps you simply handle a wide range of projects.
- Deliver impressive business communications and results using HP Vivera Inks. Professional quality printing at up to 4800-optimized dpi color (when printing from a computer and 1200 input dpi) and laser-quality black text, or optional 6-ink color (purchase of photo cartridge required) for richer photographs, plus high resolution scanning.
- Work with flexibility—print photos and copy documents on your all-in-one without your PC. Enjoy a variety of ways to print photos without a PC using memory cards, a PictBridge-enabled camera, HP Photo Proof Sheet, or camera phone memory cards [memory cards supported with adapter (not supplied); Mini Secure Digital and Memory Stick Duo].
- Enjoy the value of HP innovation—quickly edit, organize and enhance photos with HP Image Zone software, or annotate scanned documents using HP Document Viewer. Plus, higher-volume ink cartridges save time and hassle with fewer replacements.

## Ordering information

Model Number	7210
Commercial	Q5560A (ABA)
Retail	Q5560A (ABA)
Canada	Q5560A (A2L)

## Compatibility

Operating System	7210
Standard Desktop	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS 9.1 and later	•
Mac OS X 10.1.5, 10.2.3, 10.3.x	•



HP Officejet 7210

## In the box

- Black ink cartridge (21 ml)
- Tri-color ink cartridge (14 ml)
- Setup booklet
- User's guide
- Network guide
- Power supply
- Power cord
- Phone cord
- Ethernet cable

## Software

- HP Photo and Image Zone software (includes HP Director, HP Photo Gallery, HP Image Editor, HP Instant Share, HP Photo Prints, HP Creative Projects, HP Quick 4 x 6 Prints, HP Document Viewer, HP Send-to-Programs)

## Shipping weight and shipping dimensions

- 7210 28.94 lb 23.5 x 13.38 x 18.44 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-9441ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

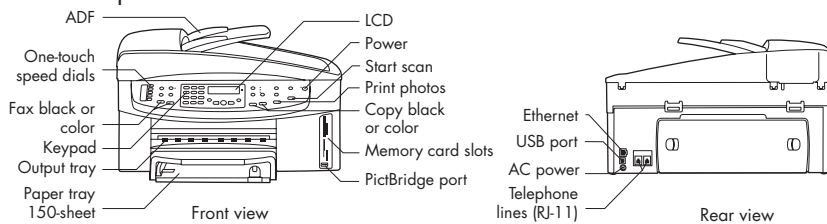
• See page 195 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

<b>7210</b>	
<b>Product Number</b>	<b>Q5560A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing
<b>PRINTER:</b>	
<b>Speed Black, Draft Quality</b>	Up to 30 ppm
<b>Speed Color, Draft Quality</b>	Up to 20 ppm
<b>Resolution Technology</b>	HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)
<b>Print Languages, Std</b>	HP PCL 3
<b>Envelope Input</b>	20 (30 with optional HP Automatic Two-Sided Printing Accessory with Small Paper Tray)
<b>Input Capacity</b>	150 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	Ethernet, USB, PictBridge
<b>Connectivity, Opt</b>	None
<b>Two-Sided Printing</b>	Automatic (optional)
<b>FAX:</b>	
<b>Resolution, Best</b>	300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	130 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, PC fax send only
<b>Speed Dialing, Max</b>	110 numbers
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 30 cpm black, up to 20 cpm color
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 × 1200 dpi
<b>Black Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper and 1200 scan dpi)
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper and 1200 scan dpi)
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	2400 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panoramic (4 × 10 in, 4 × 11 in, 4 × 12 in)
<b>ADF Capacity</b>	50 sheets
<b>Duty Cycle, Monthly</b>	5,000 pages
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card

<sup>1</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup> Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Officejet 7210



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA-0791ENUC).

### Ink

• HP 94 Black Inkjet Print Cartridge	C8765WN
• HP 95 Tri-Color Inkjet Print Cartridge	C8766WN
• HP 96 Large Black Inkjet Print Cartridge	C8767WN
• HP 97 Large Tri-Color Inkjet Print Cartridge	C9363WN
• HP 99 Photo Inkjet Print Cartridge	C9369WN
• HP 100 Gray Photo Inkjet Print Cartridge	C9368AN

### Media

• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Brochure and Flyer Paper, glossy, letter (50 sheets)	C6817A
• HP Premium Photo Paper, glossy, letter (15 sheets)	C6039A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A

### Paper-handling accessories

• Automatic Two-Sided Printing Accessory with Small Paper Tray	Q3032A
• Automatic Two-Sided Printing Accessory	Q5712A
<b>Cables</b>	
• USB Cable, A-B, 2-Meter	C6518A



# HP Officejet 7310 All-in-One

Network ready with 2.5-inch display, breakthrough performance, automatic two-sided print, fax, scan and copy.

## Product pointers

- Enjoy the added convenience and productivity of simple all-in-one sharing with the built-in wired networking. Share photo printing, fax sending, scanning, access to camera memory cards and saving photos to multiple office PCs.
- Get more work done in less time—print and copy black text and color graphic documents faster with breakthrough performance up to 30 ppm laser-quality black, up to 20 ppm color.
- Make a positive impression every time with professional photo-quality color and laser-quality black. Enjoy the flexibility of up to 4800 × 1200 optimized dpi (printing from a computer with 1200 input dpi) and 4-ink color, optional 6-ink color (with purchase of photo cartridge) or professional-quality black and white photo printing (with purchase of gray photo cartridge).
- Print and view photos without a PC—use memory cards, image display and HP Photo Proof Sheet to select and print photos, or print photos directly from PictBridge-enabled cameras using front USB port. Plus, optional wireless printing from camera phones (with bt300 adapter).
- Remote printing is a convenient way to print from your notebook and have documents and photos ready for pick up on the other end. Easily send and print files, while on the go, to select all-in-one devices using HP Instant Share service and the Internet.
- Save time and use up to 50% less paper with economical auto two-sided print, fax, scan and copy capabilities. Work more productively using 50-sheet automatic document feeder for easy, unattended printing, faxing, scanning and copying—up to legal size.

## Ordering information

<b>Model Number</b>	<b>7310</b>
<b>Commercial</b>	Q5562A
<b>Retail</b>	Q5562A
<b>Canada</b>	Q5562A (A2L)

## Compatibility

<b>Operating System</b>	<b>7310</b>
<b>Standard Desktop</b>	
<b>Windows 98/98 SE</b>	•
<b>Windows 2000</b>	•
<b>Windows XP</b>	•
<b>Windows Me</b>	•
<b>Mac OS 9.1 and later</b>	•
<b>Mac OS X 10.1.5, 10.2.3, 10.3.x</b>	•



HP Officejet 7310

## In the box

- Black ink cartridge (21 ml)
- Tri-color ink cartridge (14 ml)
- Automatic two-sided printing accessory
- Ethernet cable
- Power cord
- Phone cord
- Power supply
- Setup booklet
- Network Guide
- Software on CD-ROM
- User's guide

## Software

- HP Photo and Image Zone (including HP Director, HP Photo Gallery, HP Image Editor, HP Instant Share, HP Photo Prints, HP Creative Projects, HP Quick 4 × 6 Prints, HP Document Viewer, HP Send-to-Programs)

## Shipping weight and shipping dimensions

- 7310 33.56 lb 23.5 × 15.75 × 20.25 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-6799ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

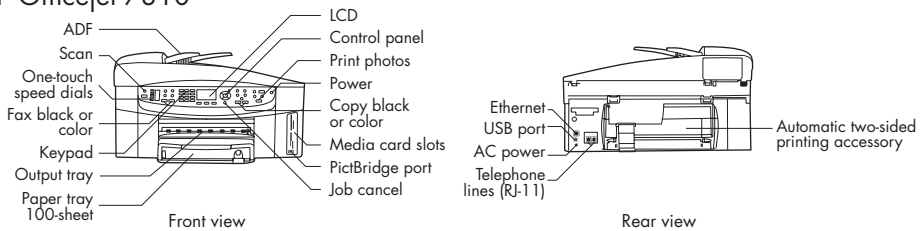
• See page 195 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

7310	
<b>Product Number</b>	Q5562A
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing
<b>PRINTER:</b>	
<b>Speed Black, Draft Quality</b>	Up to 30 ppm
<b>Speed Color, Draft Quality</b>	Up to 20 ppm
<b>Resolution Technology</b>	HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)
<b>Print Languages, Std</b>	HP PCL 3
<b>Envelope Input</b>	20 (30 with optional HP Automatic Two-Sided Printing Accessory with Small Paper Tray)
<b>Paper Trays</b>	1 std/2 max
<b>Input Capacity, Std</b>	150 sheets
<b>Input Capacity, Max</b>	400 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	Ethernet, USB, PictBridge
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Two-Sided Printing</b>	Automatic (standard)
<b>FAX:</b>	
<b>Resolution, Best</b>	300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	150 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, PC fax send only
<b>Speed Dialing, Max</b>	110 numbers
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 30 cpm black, up to 20 cpm color
<b>Copier Settings</b>	Actual size, fit to page, poster, 2 on 1, full page, fill entire page, margin shift
<b>Number Of Copies, Max</b>	99
<b>Resolution:</b>	
<b>Black Text</b>	Up to 1200 × 600 dpi
<b>Black Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Reduce/Enlarge</b>	25-400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	2400 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic
<b>ADF Capacity</b>	50 sheets
<b>Duty Cycle, Monthly</b>	5,000 pages
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Officejet 7310



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

• HP 94 Black Inkjet Print Cartridge	C8765WN
• HP 95 Tri-Color Inkjet Print Cartridge	C8766WN
• HP 96 Large Black Inkjet Print Cartridge	C8767WN
• HP 97 Large Tri-Color Inkjet Print Cartridge	C9363WN
• HP 99 Photo Inkjet Print Cartridge	C9369WN

• HP 100 Gray Photo Inkjet Print Cartridge	C9368AN
<b>Media</b>	
• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Brochure and Flyer Paper, glossy, letter (50 sheets)	C6817A
• HP Premium Photo Paper, glossy, letter (15 sheets)	C6039A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A

### Paper-handling accessories

• Automatic Two-Sided Printing Accessory with Small Paper Tray	Q3032A
• 250-Sheet Input Tray	Q6211A
<b>Cables</b>	
• USB Cable, A-B, 2-Meter	C6518A
<b>Other</b>	
• HP bt300, Bluetooth Wireless Printer Adapter	Q3395A

Download from [www.Somanuals.com](http://www.Somanuals.com). All Manuals Search And Download.

# HP Officejet 7410 All-in-One

Wired and wireless networking, breakthrough speeds, 2.5-inch display and superior paper handling.

## Product pointers

- Get more work done in less time—print and copy black text and color graphic documents faster with breakthrough performance at up to 30 ppm laser-quality black and up to 20 ppm color.
- Make a positive impression every time with professional photo-quality color and laser-quality black. Enjoy the flexibility of up to 4800 × 1200 optimized dpi and 4-ink color, optional 6-ink color (with purchase of photo cartridge) or professional-quality black and white photo printing (with purchase of gray photo cartridge).
- Print and view photos without a PC—use memory cards, image display and HP Photo Proof Sheet to select and print photos, or print photos directly from PictBridge-enabled cameras using front USB port. Plus, wireless printing from camera phones (with optional HP bt300 Bluetooth print adapter).
- Remote printing is a convenient way to print from your notebook and have documents and photos ready for pick up on the other end. Easily send and print files, while on the go, to a select all-in-one using HP Instant Share service and the Internet.
- Save time and use up to 50 percent less paper with automatic two-sided print, fax, scan and copy. Plus auto copy collating and convenient legal-size scanning and copying. Print bigger jobs more efficiently with 250-sheet paper tray for 400-sheet total capacity.
- Work with freedom and ease using built-in networking and 802.11g wireless technology. Simply share printing, faxing, sending, scanning and memory card capabilities with up to five networked PCs or wireless notebooks.

## Ordering information

<b>Model Number</b>	<b>7410</b>
<b>Commercial</b>	Q5569A
<b>Retail</b>	Q5569A
<b>Canada</b>	Q5569A (A2L)

## Compatibility

<b>Operating System</b>	<b>7410</b>
<b>Standard Desktop</b>	
<b>Windows 98/98 SE</b>	•
<b>Windows 2000</b>	•
<b>Windows XP</b>	•
<b>Windows Me</b>	•
<b>Mac OS 9.1 and later</b>	•
<b>Mac OS X 10.1.5, 10.2.3 and later, 10.3 and later</b>	•



HP Officejet 7410

## In the box

- Black ink cartridge (21 ml)
- Tri-color ink cartridge (14 ml)
- Automatic two-sided printing accessory
- Ethernet cable
- Power cord
- Phone cord
- Power supply
- Setup booklet
- Network guide
- Software on CD-ROM
- User's guide
- 250-sheet input tray

## Software

- HP Image Zone and HP Photo and Image (includes HP Director, HP Photo Gallery, HP Image Editor, HP Instant Share, HP Photo Prints, HP Creative Projects, HP Quick 4 × 6 Prints, HP Document Viewer, HP Send-to-Programs)

## Shipping weight and shipping dimensions

- 7410 39.17 lb 23.5 × 15.75 × 23.88 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-6798ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- [http://hp.com/partners/us](http://http://hp.com/partners/us)

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

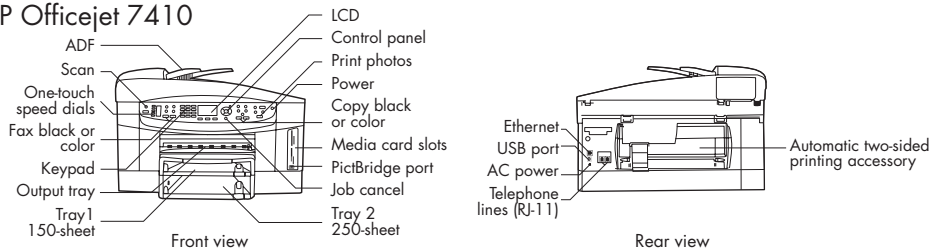
• See page 196 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

7410	
<b>Product Number</b>	<b>Q5569A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing
<b>PRINTER:</b>	
<b>Speed Black, Draft Quality</b>	Up to 30 ppm
<b>Speed Color, Draft Quality</b>	Up to 20 ppm
<b>Resolution Technology</b>	HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)
<b>Print Languages, Std</b>	HP PCL 3
<b>Envelope Input</b>	20 (30 with optional HP Automatic Two-Sided Printing Accessory with Small Paper Tray)
<b>Paper Trays, Std</b>	2
<b>Paper Trays, Max</b>	2
<b>Input Capacity</b>	400 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	Ethernet, wireless 802.11g/b networking, USB, PictBridge
<b>Connectivity, Opt</b>	Bluetooth wireless
<b>Two-Sided Printing</b>	Automatic (standard)
<b>FAX:</b>	
<b>Resolution, Best</b>	300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	150 pages <sup>1</sup>
<b>PC Fax Interface</b>	Yes, PC fax send only
<b>Speed Dialing, Max</b>	110 numbers
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 30 cpm black, up to 20 cpm color
<b>Copier Settings</b>	Actual size, fit to page, poster, 2 on 1, full page, fill entire page, margin fit
<b>Number Of Copies, Max</b>	99
<b>Reduce/Enlarge</b>	25–400%
<b>Resolution:</b>	
<b>Black Text</b>	Up to 1200 × 600 dpi
<b>Black Graphics</b>	Up to 4800 × 1200 dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>Color Text And Graphics</b>	Up to 4800 × 1200 dpi (on HP Premium Photo Paper with 1200 scan dpi)
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	2400 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo, borderless panoramic
<b>ADF Capacity</b>	50 sheets
<b>Duty Cycle, Monthly</b>	5,000 pages
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Officejet 7410



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

• HP 94 Black Inkjet Print Cartridge	C8765WN
• HP 95 Tri-Color Inkjet Print Cartridge	C8766WN
• HP 96 Large Black Inkjet Print Cartridge	C8767WN
• HP 97 Large Tri-Color Inkjet Print Cartridge	C9363WN
• HP 99 Photo Inkjet Print Cartridge	C9369WN

• HP 100 Gray Photo Inkjet Print Cartridge	C9368AN
<b>Media</b>	
• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Brochure and Flyer Paper, glossy, letter (50 sheets)	C6817A
• HP Premium Photo Paper, glossy, letter (15 sheets)	C6039A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A

### Paper-handling accessories

• Automatic Two-Sided Printing Accessory with Small Paper Tray	Q3032A
<b>Cables</b>	
• USB Cable, A-B, 2-Meter	C6518A
<b>Other</b>	
• HP bt300, Bluetooth Wireless Printer Adapter	Q3395A

# HP Officejet 9110, 9120 and 9130 All-in-One

Get 5-in-1 for your business network with the HP Officejet 9100 series for cost-effective document management.

## Product pointers

- Color multifunction offering printing, faxing, scanning and copying as well as digital sending and networking features, for high workload demands in small offices.
- Optimize productivity with a fast and user-friendly all-in-one—promotes seamless multi-tasking. Depend on this reliable, networkable performer—with optional high-input capacity—to support all of your high-demand small office needs.
- A dependable one-stop for office convenience from archiving both hardcopy and electronic documents with scan-to-file-folder and fax-archival features to printing color presentations and marketing materials.
- HP's four separate ink cartridges, easy network management, two-sided printing and digital sending with scan-to-e-mail and send-to-network-folder feature all reduce costs and enhance productivity.

## Ordering information

Model Number	9110	9120	9130
<b>Commercial</b>	C8140A (ABA/201)	C8143A (ABA/201)	C8144A (ABA/201)
<b>Canada</b>	C8140A (A2L)	C8143A (A2L)	C8144A (A2L)

## Compatibility

Operating System	9110	9120	9130
<b>Standard Desktop</b>			
<b>Windows 98</b>	•	•	•
<b>Windows Me</b>	•	•	•
<b>Windows XP/XP 64-bit</b>	•	•	•
<b>Windows 2000</b>	•	•	•
<b>Mac OS</b>	• <sup>1</sup>	• <sup>1</sup>	• <sup>1</sup>
<b>Other</b>	OS/2, Linux, UNIX, MS-DOS (3rd-party print driver support), Windows NT 4.0 (optional print and scan functionality)	OS/2, Linux, UNIX, MS-DOS (3rd-party print driver support), Windows NT 4.0 (optional print and scan functionality)	OS/2, Linux, UNIX, MS-DOS (3rd-party print driver support), Windows NT 4.0 (optional print and scan functionality)
<b>Standard Network</b>			
<b>Windows NT 4.0</b>	—	•	•
<b>NetWare</b>	—	•	•
<b>UNIX (HP-UX, Solaris)</b>	—	•	•
<b>Linux (Red Hat, SuSE)</b>	—	•	•
<b>Mac OS</b>	—	•	•
<b>Other</b>	—	Windows (Server 2003, Terminal Server Edition 4.0, 2000 Server Terminal Services with Citrix MetaFrame 1.8, XP Server Terminal Services with Citrix MetaFrame 1.8), AIX (3.2.5 and later), MPE-iX	
<b>Optional</b>			
<b>Desktop/Network</b>	Same as Standard Network on 9120 via HP Jetdirect print servers	—	—

<sup>1</sup>Mac OS 9.2, 10.1.x and 10.2.x.

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-3073ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)



HP Officejet 9120

## In the box

### All models:

- Ink cartridges (1 each black, cyan, magenta, yellow)
- 4 printheads (1 each black, cyan, magenta, yellow)
- Software CD-ROM
- Getting started guide
- Power cord
- Phone cord
- Automatic two-sided printing accessory

### 9120, 9130 only:

- HP Jetdirect 620n Print Server
- 250-sheet second input tray

### 9130 only:

- HP Digital Send Keyboard

## Software

- HP Photo and Imaging (Windows) or HP Image Zone (Mac)
- Readiris PRO Text Recognition Software

## Shipping weight and shipping dimensions

- |        |         |                      |
|--------|---------|----------------------|
| • 9110 | 59 lb   | 30 × 22.8 × 22.87 in |
| • 9120 | 69.5 lb | 30 × 22.8 × 31.8 in  |
| • 9130 | 69.5 lb | 30 × 22.8 × 31.8 in  |

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:
 

620n, Fast Ethernet	J7934A
625n, Gigabit Ethernet	J7960A
- HP Jetdirect external (print only):
 

170x, 10Base-T (1-port)	J3258C
175x, 10/100Base-TX (1-port)	J6035D
300x, 10/100Base-TX (1-port)	J3263A
500x, 10/100Base-TX (3-port)	J3265A
- HP Jetdirect wireless:
 

680n, 802.11b	
(print and digital send only)	J6058A
380x, 802.11b (print only)	J6061A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Exchange

### HP Care Pack options

- Next Day Exchange:
 

3 years	U9815E
---------	--------
- Next Business Day Response:
 

3 years	U9816E
---------	--------
- Installation Service:
 

1 printer, 1 incident	H4513E
1 network configuration	H3110E
- Post Warranty Service, Next Day Exchange:
 

1 year	U9819PE
--------	---------
- Post Warranty Service, Next Business Day Response:
 

1 year	U9820PE
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## Model specifications, schematic and memory map

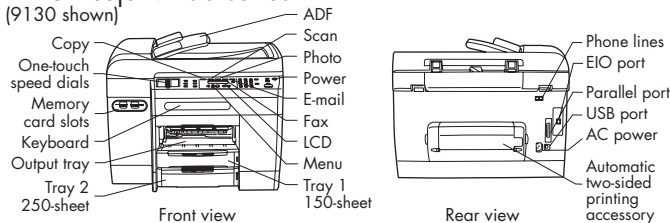
- Shaded rows indicate variations between models.
- See page 196 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

	9110	9120	9130
<b>Product Number</b>	C8140A	C8143A	C8144A
<b>AIO/MFP Functions</b>	Color printing, color faxing, color scanning, color copying	Color printing, color faxing, color scanning, color copying	Color printing, color faxing, color scanning, color copying, digital sending
<b>PRINTER:</b>			
<b>Speed Black, Draft Quality</b>	Up to 25 ppm	Up to 25 ppm	Up to 25 ppm
<b>Speed Color, Draft Quality</b>	Up to 22 ppm	Up to 22 ppm	Up to 22 ppm
<b>Input Capacity, Std</b>	150 sheets	400 sheets	400 sheets
<b>Input Capacity, Max</b>	400 sheets	650 sheets	650 sheets
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, USB 2.0, 1 open EIO slot	IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect 620n print server	IEEE 1284-compliant bidirectional parallel, USB 2.0, HP Jetdirect 620n print server
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers	HP Jetdirect internal, external and wireless print servers
<b>Two-Sided Printing</b>	Automatic (standard)	Automatic (standard)	Automatic (standard)
<b>FAX:</b>			
<b>Memory</b>	Up to 250 pages <sup>1</sup>	Up to 250 pages <sup>1</sup>	Up to 250 pages <sup>1</sup>
<b>COPIER:</b>			
<b>Speed, Max</b>	Up to 25 cpm black, up to 22 cpm color	Up to 25 cpm black, up to 22 cpm color	Up to 25 cpm black, up to 22 cpm color
<b>SCANNER:</b>			
<b>Scan Resolution: Enhanced<sup>2</sup></b>	Up to 19200 dpi	Up to 19200 dpi	Up to 19200 dpi
<b>Optical</b>	Up to 2400 dpi	Up to 2400 dpi	Up to 2400 dpi
<b>Scan Speed</b>	Up to 11 ppm black, up to 9 ppm color	Up to 11 ppm black, up to 9 ppm color	Up to 11 ppm black, up to 9 ppm color
<b>DIGITAL SENDING:</b>			
<b>Features, Std</b>	Not applicable	Not applicable	Scan to e-mail, send to folder
<b>File Formats</b>	Not applicable	Not applicable	PDF, TIFF, JPEG
<b>GENERAL:</b>			
<b>ADF Capacity</b>	50 sheets	50 sheets	50 sheets
<b>Remote Network Management</b>	HP Web Jetadmin, HP embedded web server with job accounting software and color control tools	HP Web Jetadmin, HP embedded web server with job accounting software and color control tools	HP Web Jetadmin, HP embedded web server with job accounting software and color control tools
<b>Memory, Std</b>	128 MB	128 MB	128 MB
<b>Memory, Max</b>	384 MB	384 MB	384 MB
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP Officejet 9100 series (9130 shown)



### Memory map

9110 • 9120 • 9130  
384 MB Maximum Usable Memory/2 Slots



Note: For 9110 and 9120, keyboard is optional. For 9110, 250-sheet tray 2 is optional. EIO slot shows HP Jetdirect 620n Print Server, optional on 9110.

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA0-0791ENUC).

### Ink

- HP 10 Black Ink Cartridge C4844A
- HP 11 Ink Cartridges:
  - Cyan C4836AN
  - Magenta C4837AN
  - Yellow C4838AN
- HP 11 Printheads:
  - Black C4810A
  - Cyan C4811A
  - Magenta C4812A
  - Yellow C4813A

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Brochure and Flyer Paper, glossy, letter (50 sheets) C6817A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A

### Paper-handling accessories

- 250-Sheet Input Tray (std on 9120, 9130) C8237A
- 500-Sheet Input Tray C8238A

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Other

- Secure Digital Sending Solution C8267A
- HP Digital Send Keyboard (std on 9130) C8240A

# New! HP Photosmart 2575 All-in-One

Photo all-in-one to print, scan and copy with built-in networking and direct photo printing.

Replaces HP PSC 2355 (p/n Q5789A).

## Product pointers

- HP makes it easy to print and copy photos and documents without a computer. Quick, direct photo printing with 2.5-inch color display and memory cards, PictBridge-enabled camera and more. Enhanced storage and transfer of images using USB flash drive.
- Option to automatically enhance photos with HP Real Life technologies. Use HP Image Zone software to organize and edit photos, then print in standard, custom or panorama sizes.
- Share all-in-one performance with computers on a small network using built-in Ethernet or optional wireless networking. Easy printer-to-printer sharing with included HP Instant Share service.
- Experience fast print and copy and speeds, and HP's efficient ink cartridge design that can save you money.
- True to life color and black and white photos that resist fading for generations, plus laser-quality, archival text documents. Print photos in sizes up to 8.5 x 24-inch panorama or preserve photos and documents with high-quality scanning.

## Ordering information

<b>Model Number</b>	<b>2575</b>
<b>Commercial</b>	Q7215A (ABA)
<b>Retail</b>	Q7215A (ABA)
<b>Canada</b>	Q7215A (A2L)

## Compatibility

<b>Operating System</b>	<b>2575</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS <sup>1</sup>	•

<sup>1</sup>Mac OS 9.2; Mac OS X v 10.1.5, 10.2.8, 10.3, 10.4



HP Photosmart 2575

## In the box

- Black ink cartridge (11 ml)
- Tri-color ink cartridge (7 ml)
- Software on CD-ROM
- Setup booklet
- Power supply
- User's guide
- Power cord

## Software

- HP Image Zone Photo and Imaging Software

## Shipping weight and shipping dimensions

- 2575 16.94 lb 19.38 x 9.19 x 15.23 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years U8227A/E  
3 years U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2524ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

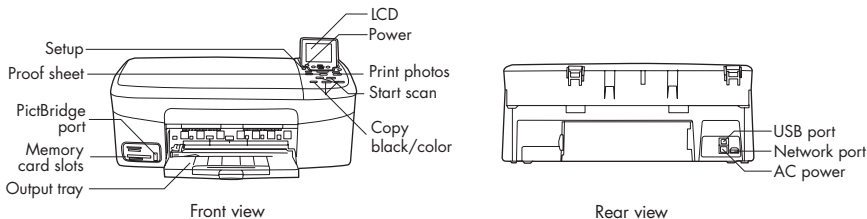
## Model specifications and schematic

• See page 197 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

2575	
<b>Product Number</b>	<b>Q7215A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying
<b>PRINTER:</b>	
<b>Print Technology</b>	HP Thermal Inkjet
<b>Speed Black, Draft Quality</b>	Up to 30 ppm
<b>Speed Color, Draft Quality</b>	Up to 24 ppm
<b>Print Quality, Black Best</b>	Up to 1200 rendered dpi black (when printing from a computer)
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi color (when printing from a computer using 1200 input dpi)
<b>Print Languages, Std</b>	HP PCL 3
<b>Envelope Input, Std</b>	10
<b>Input Capacity</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB, Ethernet, PictBridge
<b>Connectivity, Opt</b>	Bluetooth Wireless
<b>COPIER:</b>	
<b>Speed, Max, Black</b>	Up to 30 cpm
<b>Speed, Max, Color</b>	Up to 24 cpm
<b>Resolution, Black Text</b>	Up to 600 × 1200 dpi
<b>Resolution:</b>	
<b>Black Graphics</b>	Up to 1200 × 4800 dpi optical resolution
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi color (when copying on HP's premium photo papers and 1200 input dpi)
<b>Copier Settings</b>	Actual size, fit to page, fill entire page, custom 100%, image sizes, poster
<b>Number Of Copies, Max</b>	50
<b>Reduce/Enlarge</b>	50–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 19200 dpi
<b>Optical</b>	1200 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panorama (4 × 10 in, 4 × 11 in, 4 × 12 in)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in
<b>Duty Cycle, Monthly</b>	3,000 pages
<b>Remote Front Panel Software</b>	No
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, IBM Microdrive, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Mini SD (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD Picture Card

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Photosmart 2575 All-in-One



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AAA-0791ENUC).

### Ink

• HP 95 Tri-Color Inkjet Print Cartridge	C8766WN
• HP 98 Black Inkjet Print Cartridge	C9364WN
• HP 99 Photo Inkjet Print Cartridge	C9369WN
• HP 100 Gray Photo Inkjet Print Cartridge	C9368WN

### Media

• HP Premium Presentation Paper, matte, letter (150 sheets)	Q5449A
• HP Premium Plus Photo Paper, high gloss, letter (25 sheets)	Q6568A
• HP Premium Photo Paper, glossy, letter (50 Sheets)	C6979A
• HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets)	Q1990A

### Cables

• USB Cable, A-B, 2-Meter	C6518A
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**New!**

# HP Photosmart 3210 All-in-One

*World's fastest photo printing all-in-one, networking, 6 individual inks and slide/negative scanner.*

**Replaces HP Photosmart 2610 (p/n Q5542A).**

## Product pointers

- World's fastest photo printing all-in-one and high-volume performance. With 6 individual inks and HP's efficiently designed ink cartridges, you'll enjoy economical printing.
- Save old photos using built-in slide and negative adapter or oversized 8.5 x 12-inch glass scanning surface. Quickly make vivid color copies without a PC; new preview/crop feature ensures accuracy of output even without viewing on a computer.
- Quickly view and print photos on the adjustable 2.5-inch image display without using your PC. Convenient direct photo printing from multiple memory card formats, PictBridge USB port, HP proof sheet, camera phone and USB flash drive.
- Enhance photos with HP Real Life technologies and included HP Image Zone software. Simply print beautiful 4 x 6-inch photos with new automated photo tray, or panorama and custom sizes up to 8.5 x 24-inch. Reduce usage with optional automatic two-sided printing.
- Easily share print, scan and copy functions on your wired home network, or add your all-in-one to a wireless network by plugging into a wireless router. Plus, conveniently share your photos without a PC using included HP Instant Share.
- Print rich, realistic true to life photos that resist fading for generations and laser-quality text documents that retain clarity for decades when stored using HP Vivera Inks. Enjoy superior scanning and copying on oversized glass surface.

## Ordering information

<b>Model Number</b>	<b>3210</b>
<b>Commercial</b>	Q5843A (ABA)
<b>Retail</b>	Q5843A (ABA)
<b>Canada</b>	Q5843A (A2L)

## Compatibility

<b>Operating System</b>	<b>3210</b>
<b>Standard Desktop</b>	
<b>Windows 98/98 SE</b>	•
<b>Windows 2000</b>	•
<b>Windows Me</b>	•
<b>Windows XP</b>	•
<b>Mac OS X 10.2.8, 10.3.x</b>	•



HP Photosmart 3210

## In the box

- Ink cartridge (1 each black, cyan, magenta, yellow)
- Setup booklet
- User's guide
- Power cord
- Power supply
- Software CD-ROM

## Software

- HP Image Zone Photo and Imaging Software

## Shipping weight and shipping dimensions

- 3210 30 lb 23.5 x 12.7 x 18.9 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
 

2 years	U8227A/E
3 years	U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2533ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

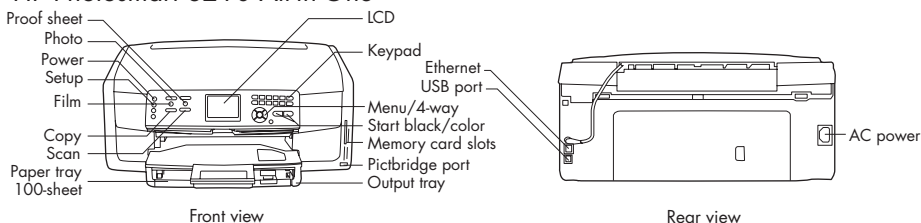
## Model specifications and schematic

- See page 197 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

3210	
<b>Product Number</b>	<b>Q5843A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying
<b>PRINTER:</b>	
<b>Print Technology</b>	HP Thermal Inkjet
<b>Speed Black, Draft Quality</b>	Up to 32 ppm
<b>Speed Color, Draft Quality</b>	Up to 31 ppm
<b>Print Quality, Black Best</b>	Up to 1200 rendered dpi black (when printing from a computer)
<b>Print Quality, Color Best</b>	Up to 4800 × 1200 optimized dpi color (when printing from a computer using 1200 input dpi)
<b>Print Languages, Std</b>	HP PCL Level 3 Enhanced
<b>Envelope Input, Max</b>	10
<b>Two-Sided Printing</b>	Automatic (optional)
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB, Ethernet, PictBridge
<b>Connectivity, Opt</b>	Bluetooth Wireless
<b>COPIER:</b>	
<b>Speed, Max, Black</b>	Up to 32 cpm
<b>Speed, Max, Color</b>	Up to 31 cpm
<b>Resolution, Black Text</b>	Up to 600 × 1200 dpi
<b>Resolution:</b>	
<b>Black Graphics</b>	Up to 600 × 1200 dpi
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi
<b>Copier Settings</b>	Fit to page, 100% (with software: photo-size choices and reduce/enlarge)
<b>Number Of Copies, Max</b>	50
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 19200 dpi
<b>Optical</b>	Up to 4800 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, envelopes (No. 10), panorama
<b>Media Sizes, Custom</b>	3 × 4 in to 8.5 × 24 in, tray 1; 3.5 × 5 in to 4.1 × 6.5 in, tray 2
<b>ADF Capacity</b>	None
<b>Duty Cycle, Monthly</b>	3,000 pages
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Mini SD (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD-Picture Card

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Photosmart 3210 All-in-One



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 02 Ink Print Cartridges:

Black	C8721WN
Cyan	C8771WN
Magenta	C8772WN
Yellow	C8773WN
Light Cyan	C8774WN
Light Magenta	C8775WN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (50 Sheets) C6979A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets) Q1990A

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory Q5582A
- Cables**
- USB Cable, A-B, 2 Meter C6518A
- Other**
- HP bi300, Bluetooth Wireless Printer Adapter Q3395A
- HP bi450, Bluetooth Wireless Printer Adapter Q6398A

# New! HP Photosmart 3310 All-in-One

World's fastest photo printing all-in-one fax, wireless network, 3.6 display, six individual inks.

Replaces **HP Photosmart 2710 (p/n Q5552A)**.

## Product pointers

- Choose options to print and view photos without a PC. Use memory cards and large 3.6-inch image display, or HP Photo Proof Sheet to select and print photos. Print photos directly from PictBridge-enabled cameras using USB cable and front USB port.
- Create more in less time. Print a 4 × 6-inch color photo in as fast as 14 seconds. Plus, print and copy black text and color documents faster with breakthrough performance—up to 32 ppm laser-quality black and up to 31 ppm color.
- Easy, convenient flatbed faxing without a PC. Save time with up to 75 one-touch speed dials, and never miss receiving a fax with a reliable 80-page fax memory.
- Make a positive impression every time with true-to-life photo-quality color and laser-quality black. Enjoy the flexibility of up to 4800 × 1200-optimized dpi and 4-ink color, optional 6-ink color (with purchase of photo cartridge), or professional-quality black and white photo printing (with purchase of gray photo cartridge).
- Make every photo look its best before you print using the large 3.6-inch color image display and easy front-panel editing features to easily select, rotate, and crop photos, and instantly remove the red-eye.
- Print, scan and share photos practically anywhere. It's easy with built-in wired or 802.11g wireless networking—share printing, scanning and memory cards with networked PCs. Get wireless printing and more using your notebook and all-in-one.

## Ordering information

<b>Model Number</b>	<b>3310</b>
<b>Commercial</b>	Q5863A (ABA)
<b>Retail</b>	Q5863A (ABA)
<b>Canada</b>	Q5863A (A2L)

## Compatibility

<b>Operating System</b>	<b>3310</b>
<b>Standard Desktop</b>	
<b>Windows 98/98 SE</b>	•
<b>Windows 2000</b>	•
<b>Windows Me</b>	•
<b>Windows XP</b>	•
<b>Mac OS X 10.2.8, 10.3.x</b>	•



HP Photosmart 3310

## In the box

- Ink cartridge (1 each black, cyan, magenta, yellow)
- Setup booklet
- User's guide
- Power cord
- Phone cord
- Power Supply
- Software on CD-ROM

## Software

- HP Image Zone
- HP Instant Share

## Shipping weight and shipping dimensions

- 3310      30 lb      23.5 × 12.7 × 18.9 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support
- ### HP Care Pack options
- Next Day Exchange:
    - 2 years      U8227A/E
    - 3 years      U4798A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-2530ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- ### Third-party solutions
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- ### Supplies and accessories
- [www.hp.com](http://www.hp.com)
  - HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

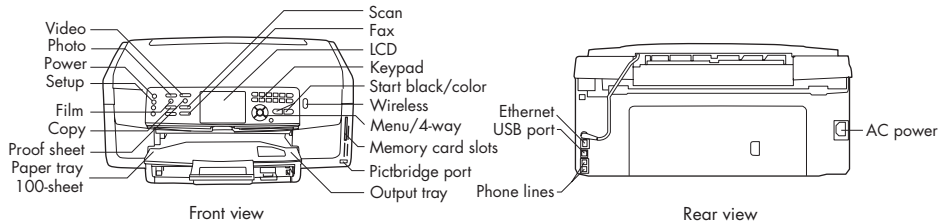
- See page 198 for complete specifications.

3310	
<b>Product Number</b>	<b>Q5863A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying, color faxing
<b>PRINTER:</b>	
<b>Speed Black, Draft Quality</b>	Up to 32 ppm
<b>Speed Color, Draft Quality</b>	Up to 31 ppm
<b>Print Languages, Std</b>	HP PCL Level 3 Enhanced
<b>Two-Sided Printing</b>	Automatic (optional)
<b>Paper Trays, Std</b>	2
<b>Paper Trays, Max</b>	2
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB 2.0 Full Speed, Ethernet, PictBridge
<b>Connectivity, Opt</b>	Bluetooth Wireless
<b>Envelope Input</b>	10
<b>FAX:</b>	
<b>Resolution, Best</b>	Up to 300 × 300 dpi
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	90 pages <sup>1</sup>
<b>PC Fax Interface</b>	Send only
<b>Speed Dialing, Max</b>	75 numbers
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 32 cpm black, up to 31 cpm color
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 × 1200 dpi
<b>Black Graphics</b>	Up to 600 × 1200 dpi
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi
<b>Copier Settings</b>	Stand-alone copying, enlarge/reduce, crop, copy preview, number of copies, many on a page, actual size, fit to page, fill entire page, custom, photo sizes, tray select
<b>Number Of Copies, Max</b>	50
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	Up to 19200 dpi
<b>Optical</b>	Up to 4800 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, 3 × 5 in, 4 × 6 in, 5 × 7 in, 8 × 10 in, envelopes (No. 10), panorama
<b>ADF Capacity</b>	None
<b>Duty Cycle, Monthly</b>	3,000 pages
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD-Picture Card

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Photosmart 3310 All-in-One



## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 02 Ink Print Cartridges:

Black	C8721WN
Cyan	C8771WN
Magenta	C8772WN
Yellow	C8773WN
Light Cyan	C8774WN
Light Magenta	C8775WN

### Media

- HP Premium Presentation Paper, matte, letter (150 sheets) Q5449A
- HP Premium Plus Photo Paper, high gloss, letter (25 sheets) Q6568A
- HP Premium Photo Paper, glossy, letter (50 Sheets) C6979A
- HP Premium Photo Paper, glossy, 4 × 6 in, perforated tab (100 sheets) Q1990A

### Paper-handling accessories

- Automatic Two-Sided Printing Accessory Q5582A
- Cables**
- USB Cable, A-B, 2 Meter C6518A
- Other**
- HP bt300, Bluetooth Wireless Printer Adapter Q3395A
  - HP bt450, Bluetooth Wireless Printer Adapter Q6398A

# HP PSC 1410 All-in-One

Printer, scanner and copier that is easy to use and ultra compact—conveniently copy without a PC.

## Product pointers

- An ultra-compact printer, scanner and copier that's simple enough for most anyone to use. Enjoy the compact design with fold-up paper tray, quick speeds, HP's efficient ink delivery system and the reliable performance you expect from HP.
- Print and copy in vibrant color and laser-quality black text. Create photo reprints with exceptional fade resistance using HP papers and inks, and preserve your photo memories and archival documents with quality scanning.
- Make quick copies without even turning on your computer. Place a photo, book or other documents on glass-top surface and reproduce in up to 8.5 × 11 inches. Simply enlarge and resize photos with one-touch fit-to-page and zoom buttons.
- Automatically remove red-eye and brighten photos using HP Real Life technologies. Easily organize, edit and print your photos with included HP Image Zone software, then share your favorite photos in e-mail using HP Instant Share (internet connection required, purchase separately).

## Ordering information

<b>Model Number</b>	<b>1410</b>
<b>Commercial</b>	Q7290A (ABA)
<b>Retail</b>	Q7290A (ABA)
<b>Canada</b>	Q7290A (A2L)

## Compatibility

<b>Operating System</b>	<b>1410</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS 9.1 and later	•
Mac OS X 10.2.8, 10.3 and later <sup>1</sup>	•

<sup>1</sup>Does not support Mac OS 9.



HP PSC 1410

## In the box

- Black ink cartridge (5 ml)
- Tri-color ink cartridge (5 ml)
- Setup booklet
- User's guide
- Power cord
- Power supply
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share

## Shipping weight and shipping dimensions

- 1410 13.06 lb 18.4 × 9.25 × 12 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years U8225A/E  
3 years U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5983-1169ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

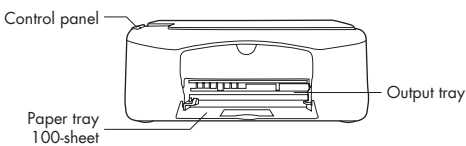
## Model specifications and schematic

• See page 199 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

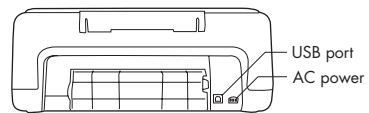
1410	
<b>Product Number</b>	<b>Q7290A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying
<b>PRINTER:</b>	
<b>Print Technology</b>	HP Thermal Inkjet
<b>Speed Black, Draft Quality</b>	Up to 18 ppm
<b>Speed Color, Draft Quality</b>	Up to 13 ppm
<b>Print Quality, Best</b>	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDIL)
<b>Envelope Input</b>	10
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB
<b>Connectivity, Opt</b>	None
<b>Two-Sided Printing</b>	None
<b>COPIER:</b>	
<b>Speed, Max, Black</b>	Up to 13 cpm
<b>Speed, Max, Color</b>	Up to 14 cpm
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 dpi
<b>Black Graphics</b>	Up to 600 dpi
<b>Color Text And Graphics</b>	Up to 1200 optimized dpi (on HP Premium Photo Paper from 600 × 1200 scan dpi)
<b>Copier Settings</b>	Stand-alone copying: fit to page, 100% (with software: photo-size choices and reduce/enlarge)
<b>Number Of Copies, Max</b>	Up to 50 (software only)
<b>Reduce/Enlarge</b>	50-400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 19200 dpi
<b>Optical</b>	600 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, A2
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in
<b>ADF Capacity</b>	None
<b>Duty Cycle, Monthly</b>	1,000 pages
<b>Remote Front Panel Software</b>	No
<b>Memory, Std</b>	16 MB
<b>Memory, Max</b>	16 MB
<b>Memory Card</b>	None
<b>Compatibility</b>	

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP PSC 1410



Front view



Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 21 Black Inkjet Print Cartridge C9351AN
- HP 22 Tri-Color Inkjet Print Cartridge C9352AN

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (60 sheets) Q1978A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A

### Cables

- USB Cable, A-B, 2-Meter C6518A

# HP PSC 1510 All-in-One

Print, scan and copy with one-touch buttons in true to life photo quality, plus print photos without a PC.

## Product pointers

- Enjoy the simple and reliable performance of this compact photo all-in-one. The intuitive control panel and one-touch buttons make it easy to print, scan and copy. Get fast copy and print speeds, plus HP's efficient ink delivery system.
- Conveniently print photos directly from a PictBridge-enabled camera without a computer. Or use your computer to organize and edit photos, automatically remove red-eye and brighten photos, then print or e-mail using HP Instant Share (internet connection required, purchase separately).
- Print and copy true-to-life photos that resist fading for years<sup>1</sup>, and laser-quality, archival text documents. Print your favorite photos in panorama sizes up to 8.5 x 24 inches<sup>2</sup> or preserve photos and other documents with high-quality scanning.
- Make quick copies without even turning on your computer. Place a photo, book or other document on glass-top surface and reproduce in up to 8.5 x 11 inches. Simply enlarge and resize photos with one-touch, fit-to-page and zoom buttons.

<sup>1</sup> Based on Wilhelm-Research.com light fade testing under glass (as of November 2004) using the HP 93 Tri-color and the optional HP 99 Photo Inkjet Print Cartridges on HP Premium Plus photo papers.

<sup>2</sup> Borderless printing up to 8.5 x 24 inches using brochure and photo paper.

## Ordering information

<b>Model Number</b>	<b>1510</b>
<b>Commercial</b>	Q5880A (ABA)
<b>Retail</b>	Q5880A (ABA)
<b>Canada</b>	Q5880A (A2L)

## Compatibility

<b>Operating System</b>	<b>1510</b>
<b>Standard Desktop</b>	
<b>Windows 98/98 SE</b>	•
<b>Windows 2000</b>	•
<b>Windows XP</b>	•
<b>Windows Me</b>	•
<b>Mac OS 9.1 and later</b>	•
<b>Mac OS X 10.1.5, 10.2.3 and later, 10.3 and later</b>	•



HP PSC 1510

## In the box

- Black print cartridge (5 ml)
- Tri-color print cartridge (5 ml)
- Setup booklet
- User's guide
- Power cord
- Power supply
- Software CD-ROM

## Software

- HP Image Zone with HP Instant Share

## Shipping weight and shipping dimensions

- 1510 15.14 lb 19.37 x 7.87 x 13.31 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

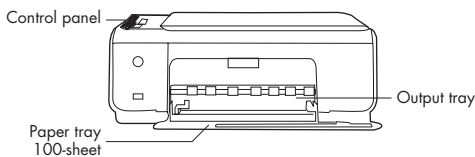
## Model specifications and schematic

• See page 199 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

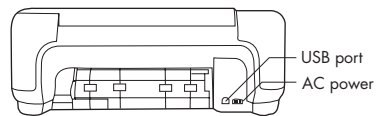
<b>1510</b>	
<b>Product Number</b>	<b>Q5880A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying
<b>PRINTER:</b>	
<b>Print Technology</b>	HP Thermal Inkjet
<b>Speed Black, Draft Quality</b>	Up to 20 ppm
<b>Speed Color, Draft Quality</b>	Up to 18 ppm
<b>Print Quality, Best</b>	Up to 1200 rendered dpi black (when printing from a computer), up to 4800 × 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III (PhotoREt IV with optional photo cartridge)
<b>Print Languages, Std</b>	Lightweight Imaging Device Interface Language (LIDIL)
<b>Envelope Input</b>	10
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB, PictBridge
<b>Connectivity, Opt</b>	None
<b>Two-Sided Printing</b>	None
<b>COPIER:</b>	
<b>Speed, Max, Black</b>	Up to 20 cpm
<b>Speed, Max, Color</b>	Up to 18 cpm
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 dpi
<b>Black Graphics</b>	Up to 600 dpi
<b>Color Text And Graphics</b>	Up to 4800 × 1200 optimized dpi (on HP Premium Photo Paper and 1200 scan dpi)
<b>Copier Settings</b>	Stand-alone copying: fit to page, 100% (with software: photo-size choices, reduce/enlarge)
<b>Number Of Copies, Max</b>	50
<b>Reduce/Enlarge</b>	50-400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 19200 dpi
<b>Optical</b>	1200 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, A2, panorama
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in
<b>ADF Capacity</b>	None
<b>Duty Cycle, Monthly</b>	1,000 pages
<b>Remote Front Panel Software</b>	No
<b>Memory, Std</b>	8 MB
<b>Memory, Max</b>	8 MB ROM, 32 MB RAM
<b>Memory Card</b>	None
<b>Compatibility</b>	

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP PSC 1510



Front view



Rear view

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 92 Black Inkjet Print Cartridge
- HP 93 Tri-Color Inkjet Print Cartridge
- HP 99 Photo Inkjet Print Cartridge

C9362WN  
C9361WN  
C9369WN

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (60 sheets) Q1978A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A

### Cables

- USB Cable, A-B, 2-Meter C6518A



# HP PSC 1610 All-in-One

Conveniently print, scan and copy without a PC—plus print photos directly from memory cards.

## Product pointers

- It's everything a busy household needs to do it all. Quickly print photos, homework and web pages; make fast color copies; or scan pages from books or photos to add to a family album, greeting cards and more—all from one affordable HP All-in-One.
- Create beautiful, panorama and custom-size photos from your home using HP Vivera Inks. Print up to 4800-optimized dpi, or add 6-ink color. Preserve old photos with high-quality scanning and print photos that resist fading for generations.
- Conveniently print photos and copy documents with or without a PC. Use memory cards, PictBridge-enabled camera and USB cable, or HP Photo Proof Sheet to print without a PC. Create beautiful borderless photos, enlarge or reduce color copies and more.
- This all-in-one makes it easy to print, copy, scan photos and creative projects. Create panorama and custom-sized photos up to 8.5 × 24 inches. Edit and organize photos to create custom CD labels, flyers and more with HP Image Zone.

## Ordering information

<b>Model Number</b>	<b>1610</b>
<b>Commercial</b>	Q5587A (ABA)
<b>Retail</b>	Q5587A (ABA)
<b>Canada</b>	Q5587A (A21)

## Compatibility

<b>Operating System</b>	<b>1610</b>
<b>Standard Desktop</b>	
Windows 98/98 SE	•
Windows 2000	•
Windows XP	•
Windows Me	•
Mac OS 9.1 and later	•
Mac OS X 10.1.5, 10.2.3, 10.3.x	•



HP PSC 1610

## In the box

- Black ink cartridge (11 ml)
- Tri-color ink cartridge (7 ml)
- User's guide
- Setup booklet
- Power cord
- Power supply

## Software

- HP Photo and Imaging Gallery (includes HP Director, HP Photo Gallery, HP Image Editor, HP Instant Share, HP Photo Prints, HP Creative Projects, HP Quick 4 × 6 Prints, Readiris Pro Text Recognition Software, HP Send to Programs)

## Shipping weight and shipping dimensions

- 1610 17 lb 19.4 × 9.2 × 15.3 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support
- ### HP Care Pack options
- Next Day Exchange:
    - 2 years U8225A/E
    - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5981-9442ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- ### Third-party solutions
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- ### Supplies and accessories
- [www.hp.com](http://www.hp.com)
  - HP Supplies IRG, November 4AA0-0791ENUC

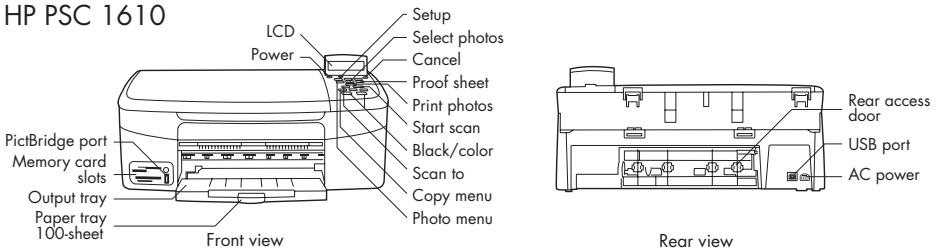
## Model specifications and schematic

• See page 200 for complete specifications.

1610	
<b>Product Number</b>	<b>Q5587A</b>
<b>AIO/MFP Functions</b>	Color printing, color scanning, color copying
<b>PRINTER:</b>	
<b>Print Technology</b>	HP Thermal Inkjet
<b>Speed Black, Draft Quality</b>	Up to 23 ppm
<b>Speed Color, Draft Quality</b>	Up to 18 ppm
<b>Print Quality:</b>	
<b>Black Best</b>	Up to 1200 rendered dpi (when printing from a computer)
<b>Color Best</b>	Up to 4800 × 1200 optimized dpi (when printing from a computer and 1200 input dpi)
<b>Resolution Technology</b>	HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)
<b>Print Languages, Std</b>	HP PCL 3
<b>Envelope Input</b>	10
<b>Input Capacity, Std</b>	100 sheets
<b>Input Capacity, Max</b>	100 sheets
<b>Typefaces</b>	8 TrueType
<b>Connectivity, Std</b>	USB, PictBridge
<b>Connectivity, Opt</b>	None
<b>Two-Sided Printing</b>	None
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 23 cpm black, up to 18 cpm color
<b>Resolution:</b>	
<b>Black Text</b>	Up to 600 × 1200 dpi
<b>Black Graphics</b>	Up to 1200 × 4800 dpi optical resolution
<b>Color Text And Graphics</b>	Up to 1200 × 4800 dpi optical resolution
<b>Copier Settings</b>	Actual size, fit to page, fill entire page, custom 100%
<b>Number Of Copies, Max</b>	50
<b>Reduce/Enlarge</b>	50–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	Up to 19200 dpi
<b>Optical</b>	1200 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, executive, envelopes (No. 10), cards, borderless photo (4 × 6 in, 5 × 7 in, 8 × 10 in), borderless panoramic (4 × 10 in, 4 × 11 in, 4 × 12 in)
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 24 in
<b>Duty Cycle, Monthly</b>	3,000 pages
<b>Remote Front Panel Software</b>	No
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	32 MB
<b>Memory Card Compatibility</b>	CompactFlash, SmartMedia, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP PSC 1610



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP 94 Black Inkjet Print Cartridge C8765WN
- HP 95 Tri-Color Inkjet Print Cartridge C8766WN
- HP 97 Large Tri-Color Inkjet Print Cartridge C9363WN
- HP 99 Photo Inkjet Print Cartridge C9369WN

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Premium Plus Photo Paper, high gloss, 4 × 6 in, perforated tab (60 sheets) Q1978A
- HP Premium Photo Paper, glossy, letter (15 sheets) C6039A

### Cables

- USB Cable, A-B, 2-Meter C6518A

# HP LaserJet 3015 All-in-One

Makes printing, faxing, copying and color scanning easy and dependable.

## Product pointers

- Delivers up to 15 ppm performance and versatility at an affordable impressive price—including printing, faxing, copying and color scanning.
- Designed to save precious office space, yields powerful performance in a space-saving design.
- Combines a simplified user interface, HP Toolbox software for easy interaction and easy-to-replace supplies.
- Instant-on technology, coupled with 1200 dpi effective output resolution for printing and 600 × 600 dpi for copying and color scanning yields fast, crisp, sharp results.
- Backed by the heritage of HP quality and reliable performance, ready to meet your demanding printing, faxing, scanning and copying needs.

## Ordering information

<b>Model Number</b>	<b>3015</b>
<b>Commercial</b>	Q2669A
<b>Canada</b>	Q2669A (ABA)

## Compatibility

<b>Operating System</b>	<b>3015</b>
<b>Standard Desktop</b>	
<b>Windows 98 SE</b>	•
<b>Windows NT 4.0</b>	• <sup>1</sup>
<b>Windows 2000</b>	•
<b>Windows Me</b>	•
<b>Windows XP</b>	•
<b>Mac OS</b>	• <sup>2</sup>
<b>Other</b>	DOS, Linux, UNIX and OS/2 (print functionality only) available on web
<b>Optional</b>	
<b>Desktop/Network</b>	Windows (NT 4.0, XP 64-Bit, Server 2003), Mac OS (8.6 and later), NetWare (3.2, 4.2, 5.x, 6), Linux (Red Hat, SuSE), UNIX (HP-UX, Solaris), IBM AIX (3.2.5 and later), MPE-iX via HP Jetdirect print servers

<sup>1</sup>Print drivers only.

<sup>2</sup>Mac OS 9.1, 9.2.x, OS X 10.2.x and 10.3 available on web.



HP LaserJet 3015

## In the box

- Print cartridge
- Power cord
- Getting started guide
- Support flyer
- Device software and electronic user's guide on CD-ROM
- Automatic document feeder (ADF)
- Fax guide
- Phone cord
- ADF output support
- Output bin support
- Control panel cover

## Software

- HP Toolbox
- HP LaserJet Scan
- TWAIN 1.9 or WIA scanner drivers
- HP LaserJet Fax
- Readiris PRO Text Recognition Software
- Printer drivers (HP PCL 6, HP PCL 5e, HP postscript level 2 emulation)
- Installer/uninstaller

## Shipping weight and shipping dimensions

- 3015 25.4 lb 23.63 × 15.75 × 18.71 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect external:
 

170x, 10Base-T (1-port)	J3258C
175x, 10/100Base-TX (1-port)	J6035D
300x, 10/100Base-TX (1-port)	J3263A
500x, 10/100Base-TX (3-port)	J3265A
en3700, 10/100Base-TX (1-port)	J7942A
- HP Jetdirect wireless:
 

380x, 802.11b	J6061A
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- Bluetooth wireless:
 

bt1300, print adapter (print only)	J6072A
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## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:
 

3 years	U9810E
---------	--------
- Return to Depot:
 

3 years	U9809E
---------	--------
- Next Business Day Response:
 

3 years	U9811E
---------	--------
- Installation Service:
 

1 printer, 1 incident	H4513E
-----------------------	--------
- Post Warranty Service, Next Day Exchange:
 

1 year	U9812PE
--------	---------
- Post Warranty Service, Next Business Day Response:
 

1 year	U9813PE
--------	---------

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-3076ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

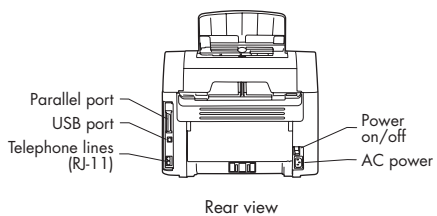
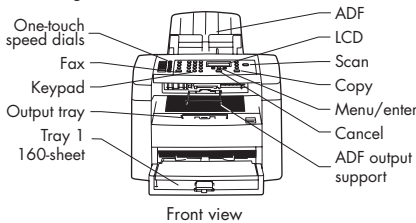
• See page 201 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

3015	
<b>Product Number</b>	<b>Q2669A</b>
<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, black and white faxing, color scanning
<b>PRINTER:</b>	
<b>Print Technology</b>	Laser
<b>Speed, Best Quality, Letter</b>	Up to 15 ppm
<b>First Page Out</b>	10 secs
<b>Print Quality, Best</b>	1200 dpi effective output quality [600 × 600 dpi with HP Resolution Enhancement technology (REI) and FastRes 1200]
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation
<b>Input Capacity</b>	160 sheets
<b>Envelope Input</b>	10
<b>Connectivity, Std</b>	USB [compatible with 2.0 specifications], IEEE 1284-compliant bidirectional parallel
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless (print only)
<b>Two-Sided Printing</b>	Manual (driver support provided)
<b>FAX:</b>	
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	110 pages <sup>1</sup>
<b>Speed Dialing, Max</b>	120 numbers (110 group dials)
<b>COPIER:</b>	
<b>Speed, Max</b>	15 cpm
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>2</sup></b>	9600 × 9600 dpi
<b>Optical</b>	600 × 600 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, envelopes [No. 5 (1/2 Baronial) through No. 11], index cards, postcards
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5 × 5 in to 8.5 × 14 in, ADF
<b>ADF Capacity</b>	30 sheets
<b>Duty Cycle, Monthly</b>	7,000 pages
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	32 MB

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP LaserJet 3015



## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Ultraprecise Technology (2,000 standard pages<sup>1</sup>) Q2612A

### Media

- HP Multipurpose Paper: Letter (500 sheets) HPM1120  
Legal (500 sheets) HPM1420

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Soft Font 36596B C06
- Tax 1 Soft Font 36596B O0T

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 3020 and 3030 All-in-One

Provides quality laser printing, faxing (3030 only), color scanning and flatbed copying.



HP LaserJet 3030

## Product pointers

- With printing, faxing (3030 only), color scanning and flatbed copying in one space-saving design, this all-in-one gives businesses quality documents at an exceptional price.
- Prints and copies up to 15 ppm and creates professional documents with up to 1200 dpi effective output quality [600 dpi with HP Resolution Enhanced technology (REt) and FastRes 1200], giving your business the image you need to make the right impression.
- The letter-size, flatbed design lets you scan and copy books and other bound documents.
- Offers fast and efficient features that help you increase productivity and communicate effectively—position your business for success while saving time and money.
- With HP quality, reliability and ease of use, focus on your business instead of worrying about your office equipment.

## Ordering information

Model Number	3020	3030
Commercial	Q2665A	Q2666A
Canada	Q2665A (A2L)	Q2666A (A2L)

## Compatibility

Operating System	3020	3030
<b>Standard Desktop</b>		
Windows 98 SE	•	•
Windows NT 4.0	• <sup>1</sup>	• <sup>1</sup>
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Mac OS	• <sup>2</sup>	• <sup>2</sup>
<b>Other</b>	DOS, Linux, UNIX and OS/2 (print functionality only) available on web	DOS, Linux, UNIX and OS/2 (print functionality only) available on web
<b>Optional</b>		
<b>Desktop/Network</b>	Windows (Me, XP 64-bit, Server 2003), Mac OS (8.6 and later), NetWare (3.2, 4.2, 5.x, 6), Linux (Red Hat, SuSE), UNIX (HP-UX, Solaris), IBM (AIX 3.2.5 and later), MPE-iX via HP Jetdirect print servers	Windows (Me, XP 64-bit, Server 2003), Mac OS (8.6 and later), NetWare (3.2, 4.2, 5.x, 6), Linux (Red Hat, SuSE), UNIX (HP-UX, Solaris), IBM (AIX 3.2.5 and later), MPE-iX via HP Jetdirect print servers

<sup>1</sup>Print drivers only.

<sup>2</sup>Mac OS 9.1, 9.2.x, OS X 10.2.x and 10.3.

## In the box

### All models:

- Print cartridge
- Power cord
- Getting started guide
- Support flyer
- Device software and electronic user's guide on CD-ROM
- 160-sheet input tray
- Automatic document feeder (ADF)
- Output bin support
- Device control panel cover

### 3030 only:

- Fax guide
- Phone cord

## Software

### All models:

- HP Toolbox
  - HP LaserJet Scan
  - TWAIN 1.9 or WIA scanner drivers
  - Readiris PRO Text Recognition Software
  - Printer drivers (HP PCL 6, HP PCL 5e, HP postscript level 2 emulation)
  - Installer/uninstaller
  - HP All-in-One Setup Assistant
  - HP Director (Macintosh)
- 3030 only:**
- HP LaserJet Fax

## Shipping weight and shipping dimensions

- 3020/3030 31.8 lb 23.63 x 19.69 x 19.3 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect external:
 

170x, 10Base-T (1-port)	J3258C
175x, 10/100Base-TX (1-port)	J6035D
300x, 10/100Base-TX (1-port)	J3263A
500x, 10/100Base-TX (3-port)	J3265A
en3700, 10/100Base-TX (1-port)	J7942A
- HP Jetdirect wireless:
 

380x, 802.11b	J6061A
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- Bluetooth wireless:
 

bt1300, print adapter (print only)	J6072A
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## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:
 

3 years	U9810E
---------	--------
- Return to Depot:
 

3 years	U9809E
---------	--------
- Next Business Day Response:
 

3 years	U9811E
---------	--------
- Installation Service:
 

1 printer, 1 incident	H4513E
-----------------------	--------
- Post Warranty Service, Next Day Exchange:
 

1 year	U9812PE
--------	---------
- Post Warranty Service, Next Business Day Response:
 

1 year	U9813PE
--------	---------

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 3020: 5982-3077ENUC; 3030: 5982-3078ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- Third-party solutions
- [www.hpqc.com](http://www.hpqc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications and schematic

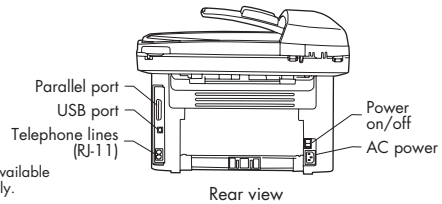
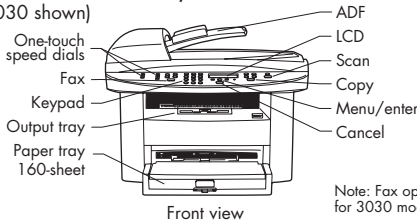
- Shaded rows indicate variations between models.
- See page 201 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

	3020	3030
<b>Product Number</b>	Q2665A	Q2666A
<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, color scanning	Black and white printing, black and white copying, black and white faxing, color scanning
<b>PRINTER:</b>		
<b>Print Technology</b>	Laser	Laser
<b>Speed, Best Quality, Letter</b>	Up to 15 ppm	Up to 15 ppm
<b>First Page Out</b>	10 secs	10 secs
<b>Print Quality, Best</b>	1200 dpi effective output quality [600 × 600 dpi with HP Resolution Enhancement technology (REt) and FastRes 1200]	1200 dpi effective output quality [600 × 600 dpi with HP Resolution Enhancement technology (REt) and FastRes 1200]
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation
<b>Input Capacity</b>	160 sheets	160 sheets
<b>Envelope Input</b>	10	10
<b>Connectivity, Std</b>	USB [compatible with 2.0 specifications], IEEE 1284-compliant bidirectional parallel	USB [compatible with 2.0 specifications], IEEE 1284-compliant bidirectional parallel
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless (print only)	HP Jetdirect external and wireless print servers, Bluetooth wireless (print only)
<b>Two-Sided Printing</b>	Manual (driver support provided)	Manual (driver support provided)
<b>FAX:</b>		
<b>Speed</b>	Not applicable	3 secs per page <sup>1</sup>
<b>Memory</b>	Not applicable	110 pages <sup>1</sup>
<b>Speed Dialing, Max</b>	Not applicable	120 numbers (110 group dials)
<b>COPIER:</b>		
<b>Speed, Max</b>	15 cpm	15 cpm
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi	600 × 600 dpi
<b>Reduce/Enlarge</b>	25–400%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution: Enhanced<sup>2</sup></b>	9600 × 9600 dpi	9600 × 9600 dpi
<b>Optical</b>	600 × 600 dpi	600 × 600 dpi
<b>GENERAL:</b>		
<b>Media Sizes, Std</b>	Letter, legal, envelopes [No. 5 (1/2 Baronial) through No. 11], index cards, postcards	Letter, legal, envelopes [No. 5 (1/2 Baronial) through No. 11], index cards, postcards
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5 × 5 in to 8.5 × 14 in, ADF	3 × 5 in to 8.5 × 14 in, tray 1; 5 × 5 in to 8.5 × 14 in, ADF
<b>ADF Capacity</b>	50 sheets	50 sheets
<b>Duty Cycle, Monthly</b>	7,000 pages	7,000 pages
<b>Memory, Std</b>	32 MB	32 MB
<b>Memory, Max</b>	32 MB	32 MB

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP LaserJet 3020/3030 (3030 shown)



Note: Fax option available for 3030 model only.

## Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Ultraprecise Technology (2,000 standard pages<sup>1</sup>) Q2612A

### Media

- HP Multipurpose Paper: Letter (500 sheets) HPM1120 Legal (500 sheets) HPM1420

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Soft Font 36596B C06
- Tax 1 Soft Font 36596B O0T

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables: 2-Meter C2950A 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 3380 All-in-One

High-performance all-in-one with quality printing, faxing, legal-size copying and color scanning.

## Product pointers

- High-performance HP printing that produces professional business documents fast, when and where they are needed.
- Reliably and consistently delivers true business-quality printing, faxing, copying and color scanning with minimal intervention.
- Can be networked for easy sharing, and features an automatic document feeder with a 50-sheet capacity and legal-size flatbed document glass for scanning and copying books and other bound documents.
- Efficiency with up to 20 ppm and first page out in 8 seconds.

## Ordering information

<b>Model Number</b>	<b>3380</b>
<b>Commercial</b>	Q2660A
<b>Canada</b>	Q2660A (ABA)

## Compatibility

<b>Operating System</b>	<b>3380</b>
<b>Standard Desktop</b>	
Windows 98 SE	•
Windows NT 4.0	• <sup>1</sup>
Windows 2000	•
Windows Me	•
Windows XP	•
Mac OS	• <sup>2</sup>
<b>Other</b>	DOS, Linux, UNIX and OS/2 (print functionality only) available on web
<b>Optional</b>	
<b>Desktop/Network</b>	Windows (NT 4.0, XP 64-Bit, Server 2003), Mac OS (8.6 and later), NetWare (3.2, 4.2, 5.x, 6), Linux (Red Hat, SuSE), UNIX (HP-UX, Solaris), IBM AIX (3.2.5 and later), MPE-iX via HP Jetdirect print servers

<sup>1</sup>Print drivers only.  
<sup>2</sup>Mac OS 9.1, 9.2.x, OS X 10.2.x and 10.3.



HP LaserJet 3380

## In the box

- Print cartridge
- Power cord
- Getting started guide
- Support flyer
- Device software and electronic user's guide on CD-ROM
- 260-sheet input tray
- Automatic document feeder (ADF)
- Fax guide
- Phone cord

## Software

- HP Toolbox
- HP LaserJet Scan
- TWAIN 1.9 or WIA scanner drivers
- HP LaserJet Fax
- Readiris PRO Text Recognition Software
- Printer drivers (HP PCL 6, HP PCL 5e, postscript level 2 emulation)
- Installer/Uninstaller

## Shipping weight and shipping dimensions

- 3380 40.7 lb 23.63 x 19.53 x 23.43 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect external:
  - 170x, 10Base-T (1-port) J3258C
  - 175x, 10/100Base-TX (1-port) J6035D
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
  - en3700, 10/100Base-TX (1-port) J7942A
- HP Jetdirect wireless:
  - 380x, 802.11b J6061A
- Bluetooth wireless:
  - bt1300, print adapter (print only) J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Return to HP Authorized Service Center

### HP Care Pack options

- Next Day Exchange:
  - 3 years H5471E
- Next Day Exchange, 1-time:
  - 2 years UA349E
- Next Business Day Response:
  - 3 years H5478E
- Installation Service:
  - 1 printer, 1 incident H4513E
  - 1 network configuration H3110E
- Post Warranty Service, Next Business Day Response:
  - 1 year H2649PE
- Post Warranty Service, Next Business Exchange:
  - 1 year H5739PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-3079ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

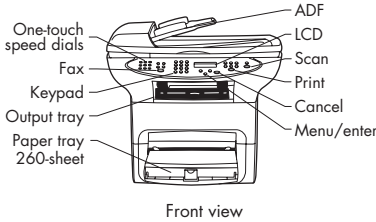
• See page 202 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

<b>3380</b>	
<b>Product Number</b>	<b>Q2660A</b>
<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, black and white faxing, color scanning
<b>PRINTER:</b>	
<b>Print Technology</b>	Laser
<b>Speed, Best Quality, Letter</b>	Up to 20 ppm
<b>First Page Out</b>	8 secs
<b>Print Quality, Best</b>	1200 × 1200 dpi
<b>Print Languages, Std</b>	HP PCL 6, HP PCL 5e, HP postscript level 2 emulation
<b>Input Capacity</b>	260 sheets
<b>Envelope Input</b>	15
<b>Connectivity, Std</b>	USB (compatible with 2.0 specifications), IEEE 1284-compliant bidirectional parallel
<b>Connectivity, Opt</b>	HP Jetdirect external and wireless print servers, Bluetooth wireless (print only)
<b>Two-Sided Printing</b>	Manual (driver support provided)
<b>FAX:</b>	
<b>Speed</b>	3 secs per page <sup>1</sup>
<b>Memory</b>	250 pages <sup>1</sup>
<b>Speed Dialing, Max</b>	120 numbers (110 group dials)
<b>COPIER:</b>	
<b>Speed, Max</b>	20 cpm
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution: Enhanced<sup>2</sup></b>	9600 × 9600 dpi
<b>Optical</b>	600 × 600 dpi
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, envelopes [No. 5 (1/2 Baronial) through No. 11], index cards, postcards
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5 × 5 in to 8.5 × 14 in, ADF
<b>ADF Capacity</b>	50 sheets
<b>Duty Cycle, Monthly</b>	10,000 pages
<b>Memory, Std</b>	32 MB
<b>Memory, Max</b>	96 MB

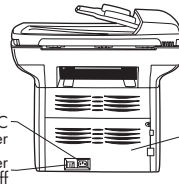
<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP LaserJet 3380



Front view



Rear view

### Memory map

**3380**

96 MB Maximum Usable Memory/1 Slot



Parallel port,  
USB port,  
telephone line  
compartment

## Supplies and accessories

See pages 318–319 for additional information on printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Ultraprecise Technology (2,500 standard pages<sup>1</sup>) C7115A
- HP LaserJet Black Print Cartridge with Ultraprecise Technology (3,500 standard pages<sup>1</sup>) C7115X

### Media

- HP Multipurpose Paper: Letter (500 sheets) HPM1120
- HP Multipurpose Paper: Legal (500 sheets) HPM1420

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and more DIMM 36596C C06
- Tax 1 DIMM 36596C 00T
- Scalable code 39/OCR-B DIMM 36596CT 0W1
- 4 in 1 Scalable Barcode DIMM 36596CT 0104

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables: 2-Meter C2950A
- 3-Meter C2951A
- USB Cable, A-B, 2-Meter C6518A

### Memory and mass storage

- SDRAM DIMM (100-pin): 32 MB C7845A
- 64 MB Q1887A

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.



# HP LaserJet 4100mfp and 4101mfp

Multifunction product that offers the versatility of printing, walk-up copying, color scan to e-mail, faxing (optional on 4100mfp) and optional digital sending for workgroups.



HP LaserJet 4100mfp

## Product pointers

- Provides workgroups with reliable, efficient printing, copying, color scan to e-mail, faxing (optional on 4100mfp) and optional digital sending capabilities all in a single device.
- Simple to install, manage, use and share.
- Helps increase user productivity by delivering greater utility from your printing and imaging systems, including the ability to integrate paper-based documents into key business processes through optional digital sending.
- Consolidates office equipment to save money, save space and increase the return on your technology investment.
- Uses the power of the Internet to increase uptime and improve business productivity with industry-leading connectivity, remote management and proactive alerts.
- Convert paper documents to PDF, JPEG, TIFF and MTIFF e-mail attachments. Optional digital sending software enables additional functionality such as user authentication and send to LAN or Internet fax servers (see page 299 for more information).

## Ordering information

Model Number	4100mfp	4101mfp
Commercial	C9148A	C9149A
Canada	C9148A (ABA/482)	C9149A (ABA/482)

## Compatibility

Operating System	4100mfp	4101mfp
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT	•	•
Windows 2000	•	•
Windows Me	•	•
Windows XP	•	•
Mac OS	• <sup>1</sup>	• <sup>1</sup>
Other	OS/2 (3.0 or later), AutoCAD <sup>2</sup>	OS/2 (3.0 or later), AutoCAD <sup>2</sup>
<b>Standard Network</b>		
Windows NT	•	•
NetWare	•	•
UNIX (HP-UX, Solaris)	•	•
Linux (Red Hat, SuSE)	•	•
Other	IBM AIX 3.2.5 and later, MPE-iX, Citrix MetaFrame, Windows Terminal Services	IBM AIX 3.2.5 and later, MPE-iX, Citrix MetaFrame, Windows Terminal Services

<sup>1</sup>Macintosh System 7.53 or later.

<sup>2</sup>Driver support on Windows 9x, NT 4.0.

## In the box

### All models:

- Print cartridge
- Power cord
- Software and documentation on CD-ROM
- Control panel overlays
- End-user training CD

### 4101mfp only:

- Automatic two-sided printing accessory
- Additional 500-sheet input tray
- HP MFP Analog Fax Accessory

## Software

- HP LaserJet printing system CD-ROM

## Shipping weight and shipping dimensions

- 4100mfp 70 lb 22.8 x 30.7 x 25.4 in
- 4101mfp 95 lb 22.8 x 30.7 x 33.1 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers

- HP Jetdirect (EIO) internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
- HP Jetdirect wireless:
  - 680n, 802.11b J6058A
- HP Jetdirect Connectivity Card (EIO) for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:
  - 3 years H7668E
- 4-Hour Response, Extended Business Hours:
  - 3 years H7686E
- Installation Service:
  - MFP standard installation U2009E
  - MFP standard installation plus network configuration U2010E
- Post Warranty Service, Next Business Day Response:
  - 1 year H7688PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
  - 1 year H7689PE

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5980-5944ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 202 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

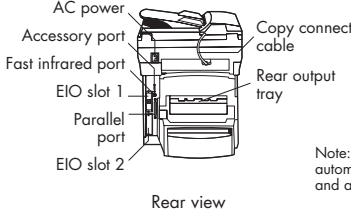
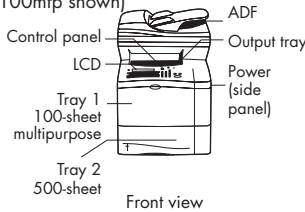
	4100mfp	4101mfp
<b>Product Number</b>	C9148A	C9149A
<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, color scan to e-mail	Black and white printing, black and white copying, color scan to e-mail, analog faxing
<b>PRINTER:</b>		
<b>Speed, Best Quality, Letter</b>	Up to 25 ppm	Up to 25 ppm
<b>Print Quality, Best</b>	HP FastRes 1200 (1200-dpi quality), 1200 × 1200 dpi	HP FastRes 1200 (1200-dpi quality), 1200 × 1200 dpi
<b>Print Languages, Std</b>	HP PCL 5e (with GL-2), HP PCL 6, HP postscript level 3 emulation	HP PCL 5e (with GL-2), HP PCL 6, HP postscript level 3 emulation
<b>Input Capacity, Std</b>	600 sheets	1,100 sheets
<b>Input Capacity, Max</b>	1,600 sheets	1,600 sheets
<b>Connectivity, Std</b>	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server in EIO slot, hard disk in EIO slot	IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server in EIO slot, hard disk in EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect (EIO) internal, external and wireless print servers, Fast Infrared, connectivity card for USB/Serial/LocalTalk	HP Jetdirect (EIO) internal, external and wireless print servers, Fast Infrared, connectivity card for USB/Serial/LocalTalk
<b>Two-Sided Printing</b>	Automatic (optional)	Automatic (standard)
<b>FAX:</b>		
<b>Speed</b>	Faxing optional	Up to 14.4 k per second <sup>1</sup>
<b>COPIER:</b>		
<b>Speed, Max</b>	25 cpm	25 cpm
<b>SCANNER:</b>		
<b>Scan Resolution, Enh<sup>1</sup>/Opt</b>	600 × 600 dpi	600 × 600 dpi
<b>DIGITAL SENDING:</b>		
<b>Features, Std</b>	Scan to e-mail	Scan to e-mail
<b>Features, Opt</b>	Send to folder, authentication, send to LAN fax, send to printer, send to application	Send to folder, authentication, send to LAN fax, send to printer, send to application
<b>GENERAL:</b>		
<b>Media Sizes, Custom</b>	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.2 in to 8.5 × 14 in, trays 2, 3, 4	3 × 5 in to 8.5 × 14 in, tray 1; 5.8 × 8.2 in to 8.5 × 14 in, trays 2, 3, 4
<b>ADF Capacity</b>	30 sheets	30 sheets
<b>Duty Cycle, Monthly</b>	150,000 pages	150,000 pages
<b>Memory</b>	64 MB std/256 MB max	64 MB std/256 MB max

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP LaserJet 4100mfp/4101mfp

(4100mfp shown)



#### Memory map

4100mfp • 4101mfp

256 MB Maximum

Usable Memory/3 Slots



Note: Additional 500-sheet input tray, automatic two-sided printing accessory and analog fax unit standard with 4101mfp.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (6,000 standard pages<sup>1</sup>) C8061A
- HP LaserJet Black Print Cartridge with Smart Printing Technology (10,000 standard pages<sup>1</sup>) C8061X

### Media

- HP Multipurpose Paper: Letter (500 sheets) HPM1120
- Legal (500 sheets) HPM1420

### HP digital sending software

- HP Digital Sending Software 4.0 T1936AA

### Maintenance kits

- Preventative Maintenance Kit: 110 volt C8057A
- 220 volt C8058A

### Paper-handling accessories

- 75-Envelope Feeder C8053B
- Automatic Two-Sided Printing Accessory (std on 4101mfp) C8054A
- 500-Sheet Feeder (std on 4101mfp) C8055A
- Replacement 500-Sheet Paper Tray (without feeder) C8056A

### LaserJet font solutions

- These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)
- Barcodes and More DIMM 36596DB C06
  - Tax 1 DIMM 36596DB 00T
  - IPDS Emulation DIMM (4100mfp only) 36594M 4100
  - Scalable Code 39/OCR-B DIMM 36596DT #0W1

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables: 2-Meter C2950A
- 3-Meter C2951A
- Mac Serial Cable 92215S
- Mac Network Cable Kit 92215N

### Memory and mass storage

- SDRAM DIMM (100-pin): 64 MB Q1887A
- 128 MB C9121A
- HP High-Capacity Hard Disk J6054B

### Other

- HP MFP Analog Fax Accessory (std on 4101mfp) Q1314A
- HP AutoStore, Software and One Device License T1943AA

<sup>1</sup> Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 4345mfp, 4345x mfp, 4345xm mfp and 4345xs mfp

Print, copy, color scan-to-email and scan to folder, analog fax (optional on 4345mfp) and document finishing (options vary by model) for maximum workgroup productivity.



HP LaserJet 4345xs mfp

## Product pointers

- Improve the efficiency and productivity of demanding workgroups with print, copy, scan-to-email, scan to folder and analog fax in one device.
- Communicate simply and quickly with scan-to-email, scan to folder and analog faxing (optional on 4345mfp). Multiple paper trays and staple, stack and sort options<sup>1</sup> allow you to complete business documents.
- Easy to use with an intuitive control panel and HP Smart Printing supplies (using genuine HP supplies ensures the availability of all HP printing features), this multifunction device is built with industry-renowned HP LaserJet reliability. Easy to install, this worry-free device works seamlessly in existing network environments.
- With four-in-one convenience, this device is affordable and delivers cost-effective performance. Versatility, adaptability, reliability and optimal placement increase device use and workgroup productivity for a better return on investment.

<sup>1</sup> Stacker/stapler comes standard with 4345xs mfp; 3-bin mailbox comes standard with 4345xm mfp.

## Ordering information

Model Number	4345mfp	4345x mfp	4345xm mfp	4345xs mfp
<b>Commercial</b>	Q3942A (ABA)	Q3943A (ABA)	Q3945A (ABA)	Q3944A (ABA)
<b>Canada</b>	Q3942A (ABA)	Q3943A (ABA)	Q3945A (ABA)	Q3944A (ABA)

## Compatibility

Operating System	4345mfp	4345x mfp	4345xm mfp	4345xs mfp
<b>Standard Desktop</b>				
Windows 98	•	•	•	•
Windows NT 4.0 <sup>1</sup>	•	•	•	•
Windows 2000/XP/Me	•	•	•	•
Windows Server 2003	•	•	•	•
Mac OS 9 and later	•	•	•	•
Mac OS X 10.1 and later	•	•	•	•
<b>Standard Network</b>				
Windows Server 2003	•	•	•	•
Windows XP/XP 64-bit	•	•	•	•
NetWare	•	•	•	•
UNIX (HP-UX, Solaris)	•	•	•	•
Linux (Red Hat, SuSE)	•	•	•	•
<b>Other</b>	IBM AIX 3.2.5 and later, MPE-iX, Citrix MetaFrame, Windows Terminal Services			

<sup>1</sup> Parallel and network connections only.

## In the box

### All models:

- Print cartridge
- Control panel overlays
- Power cord
- Software and documentation on CD-ROM
- Getting started and network guide
- **4345x mfp, 4345xm mfp, 4345xs mfp only:**
  - 500-sheet input tray
  - Analog fax accessory
  - Fax install guide
  - Phone cord
  - Automatic two-sided printing accessory
- **4345xm mfp only:**
  - 3-bin mailbox accessory
- MFP stand
- **4345xs mfp only:**
  - Stapler/stacker
- MFP stand

## Software

- Print drivers and installation CD-ROM (HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, HP LaserJet Utility, HP Toolbox, Macintosh software, PostScript Printer Description)
- 30-day trial HP Digital Sending Software 4.0
- Information and training CD-ROM

## Shipping weight and shipping dimensions

- 4345mfp 136.6 lb 31.58 x 25.52 x 28.15 in
- 4345x mfp 163.6 lb 31.58 x 25.52 x 41.42 in
- 4345xm mfp 376.2 lb 47.25 x 39.38 x 56.7 in
- 4345xs mfp 376.2 lb 47.25 x 39.38 x 56.7 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3265A
- HP Jetdirect wireless:
  - 680n, 802.11b J6058A
- Bluetooth wireless:
  - bt1300, print adapter J6072A
- **Other**
  - HP Jetdirect Connectivity Card (EIO) for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:
  - 3 years H7668E
- 4-Hour Response, Extended Business Hours:
  - 3 years H7686E
- Post Warranty Service, Next Business Day Response:
  - 1 year H7688PE

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-7996ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 203 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

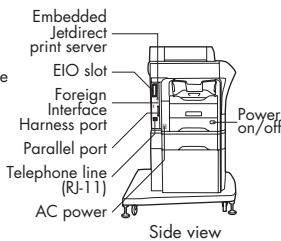
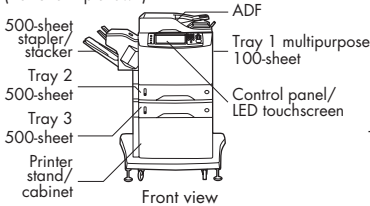
Model Number	4345mfp	4345x mfp	4345xm mfp	4345xs mfp
Product Number	Q3942A	Q3943A	Q3945A	Q3944A
AIO/MFP Functions	Black and white printing, black and white copying, color scan to e-mail, scan to folder; optional digital sending, optional analog faxing	Black and white printing, black and white copying, color scan to e-mail, scan to folder, analog faxing; optional digital sending	Black and white printing, black and white copying, color scan to e-mail, scan to folder, analog faxing, mailboxing; optional digital sending	Black and white printing, black and white copying, color scan to e-mail, scan to folder, analog faxing, stapling/stacking; optional digital sending
<b>PRINTER:</b>				
Speed, Best Quality, Letter	Up to 45 ppm	Up to 45 ppm	Up to 45 ppm	Up to 45 ppm
Print Languages, Std	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF (v 1.3), XHTML-Print v 0.95, PML (Printer Management Language)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF (v 1.3), XHTML-Print v 0.95, PML (Printer Management Language)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF (v 1.3), XHTML-Print v 0.95, PML (Printer Management Language)	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF (v 1.3), XHTML-Print v 0.95, PML (Printer Management Language)
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, fax connection (for optional analog fax accessory), 1 open EIO slot	IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, 1 open EIO slot	IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, 1 open EIO slot	IEEE 1284-compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, 1 open EIO slot
Input Capacity, Std/Max	600 sheets/2,100 sheets	1,100 sheets/2,100 sheets	1,100 sheets/2,100 sheets	1,100 sheets/2,100 sheets
Two-Sided Printing	Automatic (optional)	Automatic (standard)	Automatic (standard)	Automatic (standard)
<b>FAX:</b>				
Speed	Optional	33.6 Kbps <sup>1</sup>	33.6 Kbps <sup>1</sup>	33.6 Kbps <sup>1</sup>
<b>COPIER:</b>				
Speed, Max	Up to 45 cpm (single-sided)	Up to 45 cpm (single-sided)	Up to 45 cpm (single-sided)	Up to 45 cpm (single-sided)
<b>SCANNER:</b>				
Scan Resolution, Enh <sup>2</sup> /Opt	600 × 600 dpi	600 × 600 dpi	600 × 600 dpi	600 × 600 dpi
<b>DIGITAL SENDING:</b>				
Features, Std	Scan to e-mail, scan to folder, LADP Authentication	Scan to e-mail, scan to folder, LADP Authentication	Scan to e-mail, scan to folder, LADP Authentication	Scan to e-mail, scan to folder, LADP Authentication
Features, Opt	Send to folder, authentication, send to LAN fax, send to printer, send to application	Send to folder, authentication, send to LAN fax, send to printer, send to application	Send to folder, authentication, send to LAN fax, send to printer, send to application	Send to folder, authentication, send to LAN fax, send to printer, send to application
<b>GENERAL:</b>				
Memory	256 MB std/512 MB max	256 MB std/512 MB max	256 MB std/512 MB max	256 MB std/512 MB max

<sup>1</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP LaserJet 4345mfp series

(4345xs mfp shown)



## Memory map

4345mfp • 4345x mfp • 4345xm mfp • 4345xs mfp

512 MB Maximum Usable Memory/2 Slots



Note: For 4345mfp, 500-sheet tray 3 is optional. For 4345mfp and 4345x mfp, stapler/stacker and stand/cabinet are optional. For 4345xm mfp, 500-sheet stapler/stacker is optional, comes standard with 3-bin mailbox.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (18,000 standard pages<sup>1</sup>) Q5945A

### Media

- HP LaserJet Paper, letter (500 sheets) HPJ1124
- HP LaserJet Paper, legal (500 sheets) HPJ1424

### HP digital sending software

For license packages, please visit [www.hp.com/go/digitalsending](http://www.hp.com/go/digitalsending)

- HP Digital Sending Software 4.0 T1936AA

### Paper-handling accessories

- 500-Sheet Input Tray Q5968A

- Automatic Two-Sided Printing Accessory Q5969A
- 500-Sheet Stapler/Stacker Q5691A
- 3-Bin Mailbox Q5692A
- 75-Envelope Feeder Q2438B
- Staple Cartridge (stapler/stacker) C8091A

### LaserJet font solutions

- These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)
- Barcodes and More Flash Memory Card 36596FB C06
  - Tax 1 Flash Memory Card 36596FB 00T
  - MICR Flash Memory Card 36596FB 612

- Scalable Code 39/OCR-B Flash Memory Card 36596FT 0W1

### Cables

- IEEE 1284-Compliant Bidirectional Parallel Cables:
  - 2-Meter C2950A
  - 3-Meter C2951A

### Memory and mass storage

- SDRAM DIMM (100-pin):
  - 64 MB Q2625A
  - 128 MB Q2626A
  - 256 MB Q2627A

### Other

- HP MFP Analog Fax Accessory Q3701A
- HP AutoStore, Software and One Device License T1943AA

<sup>1</sup>Average cartridge yield based on standard HP test conditions. Actual yield may vary.

# HP LaserJet 9040mfp and 9050mfp

Simplify your business processes with high-performance printing, copying and color scan to e-mail and folder in one easy to use device.

## Product pointers

- Delivers return on investment through an affordable price and cost-effective operation.
- Experience best-in-class network compatibility and management, easy-to-use features and industry-leading print quality you expect from the HP LaserJet family.
- Streamline communication and save time with scan to e-mail, optional analog faxing (HP MFP Analog Fax Accessory purchase required) and optional digital sending (with software purchase, server required) that scans to printers or network folders. Multiple paper trays and document-finishing options further enable you to simplify and save time.
- Speed up office processes and save costs by bringing multiple functions closer to your workgroup. Multiple walk-up operations with intuitive control panel make it easy to use.

## Ordering information

Model Number	9040mfp <sup>1</sup>	9050mfp <sup>1</sup>
Commercial	Q3726A (ABA)	Q3728A (ABA)
Canada	Q3726A (484)	Q3728A (484)

<sup>1</sup>Product requires one of four output options: 3,000-sheet stapler/stacker (C8085A), 3,000-sheet stacker (C8084A), 8-bin mailbox (Q5693A) or multifunction finisher (C8088B).

## Compatibility

Operating System	9040mfp	9050mfp
<b>Standard Desktop</b>		
Windows 9x	•	•
Windows NT 4.0	•	•
Windows 2000	•	•
Windows XP	•	•
Windows Me	•	•
Other	IBM OS/2 version 3.0 or greater (available from the web), Mac OS 7.5 and later, Linux (available from the web), AutoCAD	IBM OS/2 version 3.0 or greater (available from the web), Mac OS 7.5 and later, Linux (available from the web), AutoCAD
<b>Standard Network</b>		
Windows NT	•	•
Windows Server 2003	•	•
Windows XP/XP 64-bit	•	•
NetWare	•	•
UNIX (HP-UX, Solaris)	•	•
Linux (Red Hat, SuSE)	•	•
Mac OS	•	•
Other	IBM AIX 3.2.5 and later, MPE-iX, Citrix MetaFrame, Windows Terminal Services	IBM AIX 3.2.5 and later, MPE-iX, Citrix MetaFrame, Windows Terminal Services

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-7997ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)



HP LaserJet 9050mfp with multifunction finisher

## In the box

- Print cartridge
- Control panel overlay
- Power cord
- Getting started and network guide
- Printer documentation
- Software CD-ROM

## Software

- Print drivers and installation
- 30-day trial HP Digital Sending Software 4.0
- Information and training CD

## Shipping weight and shipping dimensions

- 9040mfp 399 lb 38.5 x 36 x 57 in
- 9050mfp 399 lb 38.5 x 36 x 57 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jetdirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - 500x, 10/100Base-TX (2-port) J3265A
- HP Jetdirect wireless:
  - 680n, 802.11b J6058A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite
- **HP Care Pack options**
- Next Business Day Response:
  - 3 years or 1.8M pages H7685E
- 4-Hour Response, Extended Business Hours:
  - 3 years or 1.8M pages H7690E
- Installation Service:
  - MFP standard installation U2013E
  - MFP standard installation plus network configuration U2014E
- Post Warranty Service, Next Business Day Response:
  - 1 year or 600K pages H7695PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
  - 1 year or 600K pages H7697PE

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 203 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

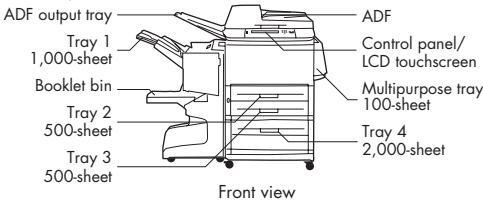
	9040mfp	9050mfp
<b>Product Number</b>	<b>Q3726A</b>	<b>Q3728A</b>
<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, color scan to e-mail; optional black and white faxing, optional digital sending	Black and white printing, black and white copying, color scan to e-mail; optional black and white faxing, optional digital sending
<b>PRINTER:</b>		
<b>Speed, Best Quality, Letter</b>	<b>Up to 40 ppm</b>	<b>Up to 50 ppm</b>
<b>Print Quality, Best</b>	HP FastRes 1200 (1200 dpi quality), 600 × 600 dpi	HP FastRes 1200 (1200 dpi quality), 600 × 600 dpi
<b>Paper Trays, Std</b>	4	4
<b>Connectivity, Std</b>	IEEE 1284-B compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, fax connection (for optional analog fax accessory), 1 open EIO slot	IEEE 1284-B compliant bidirectional parallel, HP Jetdirect Fast Ethernet embedded print server, internal 20 GB hard drive, Foreign Interface Harness port, fax connection (for optional analog fax accessory), 1 open EIO slot
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, Fast Infrared (FIR), Bluetooth wireless	HP Jetdirect internal, external and wireless print servers, Fast Infrared (FIR), Bluetooth wireless
<b>Two-Sided Printing</b>	Yes, automatic	Yes, automatic
<b>FAX:<sup>1</sup></b>		
<b>Speed</b>	Optional [with purchase of MFP analog fax accessory (Q3701A)]	Optional [with purchase of MFP analog fax accessory (Q3701A)]
<b>COPIER:</b>		
<b>Speed, Max</b>	<b>Up to 40 cpm</b>	<b>Up to 50 cpm</b>
<b>Resolution, Black Text And Graphics</b>	600 dpi	600 dpi
<b>Reduce/Enlarge</b>	25–400% (from glass), 25–200% (from ADF)	25–400% (from glass), 25–200% (from ADF)
<b>SCANNER:</b>		
<b>Scan Resolution, Enh<sup>2</sup>/Opt</b>	600 × 600 dpi	600 × 600 dpi
<b>DIGITAL SENDING:</b>		
<b>Features, Std</b>	Scan to e-mail, scan to folder, LADP Authentication	Scan to e-mail, scan to folder, LADP Authentication
<b>Features, Opt</b>	Send to folder, authentication, send to LAN Fax, send to printer, send to application	Send to folder, authentication, send to LAN Fax, send to printer, send to application
<b>File Format</b>	PDF, JPEG, TIFF, MTIFF	PDF, JPEG, TIFF, MTIFF
<b>GENERAL:</b>		
<b>Media Sizes, Custom</b>	3.9 × 7.5 in to 12.3 × 18.5 in, multifunction tray 1; 5.8 × 8.3 in to 11.7 × 17 in, trays 2, 3, 4, ADF	3.9 × 7.5 in to 12.3 × 18.5 in, multifunction tray 1; 5.8 × 8.3 in to 11.7 × 17 in, trays 2, 3, 4, ADF
<b>Duty Cycle, Monthly</b>	Up to 300,000 pages	Up to 300,000 pages
<b>Memory</b>	256 MB std /512 MB max	256 MB std /512 MB max

<sup>1</sup>Fax capability optional with purchase of HP MFP Analog Fax Accessory 300 (Q3701A).

<sup>2</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP LaserJet 9040mfp/9050mfp

(9050mfp shown)



### Memory map

9040mfp • 9050mfp

512 MB Maximum Usable Memory/3 Slots



Note: Multifunction finisher shown. One of four output options required: 3,000-sheet stapler/stacker, 3,000-sheet stacker, 8-bin mailbox or multifunction finisher.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print cartridges

- HP LaserJet Black Print Cartridge with Smart Printing Technology (38,000 standard pages<sup>1</sup>) C8543X

### Media

- HP LaserJet Paper, letter (500 sheets) HPJ1124
- HP LaserJet Paper, legal (500 sheets) HPJ1424

### HP digital sending software

- For license packages, please visit [www.hp.com/go/digitalsending](http://www.hp.com/go/digitalsending)
- HP Digital Sending Software 4.0 T1936AA

### Paper-handling accessories

- 3,000-Sheet Stacker C8084A
- 3,000-Sheet Stapler/Stacker C8085A
- Multifunction Finisher C8088B
- 8-Bin Mailbox Q5693A
- Staple Cartridge (stapler/stacker) C8091A
- Staple Cartridge (multifunction finisher) C8092A

### LaserJet font solutions

- These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)
- Barcodes and More Flash Memory Card 36596FB C06

- Tax 1 Flash Memory Card 36596FB 00T
- MICR Flash Memory Card 36596FB 612
- Scalable Code 39/OCR-B Flash Memory Card 36596FT 0W1

### Memory and mass storage

- DDR DIMM (100-pin):
  - 64 MB Q2625A
  - 128 MB Q2626A
  - 256 MB Q2627A

### Other

- HP MFP Analog Fax Accessory 300 Q3701A
- HP AutoStore, Software and One Device License T1943AA

<sup>1</sup> Technology enhancements in the HP LaserJet 9040mfp and HP LaserJet 9050mfp provide higher cartridge yields with the HP LaserJet C8543X Black Print Cartridge. Approximate cartridge yield: 38,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.

# HP LaserJet 9055mfp and 9065mfp

A high volume, cost-effective printing and copying solution for copy-intensive environments.

## Product pointers

- A business-tailored office solution offering high-quality printing, copying, scanning and finishing options; cost-effective and easily handles a variety of document management needs.
- Improve productivity and save costs by consolidating document production into a versatile device that integrates seamlessly into your network printing and copying environment.
- Simplify your printing and copying environment with reliable HP network printing technologies and management services.

## Ordering information

Model Number	9055mfp <sup>1</sup>	9065mfp <sup>1</sup>
Commercial	Q3631A <sup>2</sup> (484)	Q3632A <sup>2</sup> (484)
Canada	Q3631A <sup>2</sup> (484)	Q3632A <sup>2</sup> (484)

<sup>1</sup>Only available from HP or select authorized resellers.

<sup>2</sup>Product requires one of three output options: 3,000-sheet stapler/stacker (Q3633A), 2,500-sheet multifunction finisher (Q3634A) or 100-sheet output tray (Q3640A); toner (Q3681C) and localization kit (Q3643A#ABA).

## Compatibility

Operating System	9055mfp	9065mfp
Optional		
Desktop/Network	Windows (98, Me, 2000, XP, NT, Server 2003), NetWare, Mac OS (8.6 and later, OS X), IBM AIX (3.2.5 and later, requires software from NOS vendor), MPE-iX, UNIX (HP-UX, Solaris), Linux (Red Hat, SuSE) via HP Jetdirect print servers	Windows (98, Me, 2000, XP, NT, Server 2003), NetWare, Mac OS (8.6 and later, OS X), IBM AIX (3.2.5 and later, requires software from NOS vendor), MPE-iX, UNIX (HP-UX, Solaris), Linux (Red Hat, SuSE) via HP Jetdirect print servers



HP LaserJet 9055mfp with multifunction finisher

## In the box

- User's guide

## Software

- Print drivers included in optional HP Print Kit

## Shipping weight and shipping dimensions

- 9055mfp 542 lb 30 × 37 × 52 in
- 9065mfp 542 lb 30 × 37 × 52 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect (EIO) internal: 620n, Fast Ethernet J7934A
- HP Jetdirect wireless: 680n, 802.11b J6058A
- Bluetooth wireless: bt1300, print adapter J6072A
- Other**
- HP Jetdirect Connectivity Card for USB/Serial/LocalTalk J4135A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 90 day parts only

### HP Care Pack options

- Please contact your HP sales representative or authorized reseller for information on service/support options.

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-1151ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

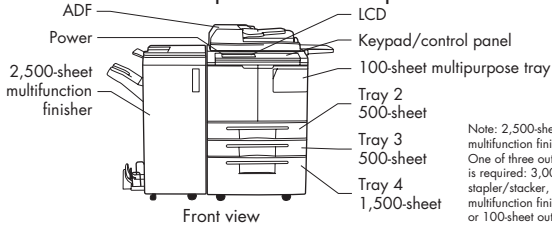
## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 204 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

	9055mfp	9065mfp
<b>Product Number</b>	<b>Q3631A</b>	<b>Q3632A</b>
<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, black and white scanning, advanced finishing, optional send to folder/printer/application	Black and white printing, black and white copying, black and white scanning, advanced finishing, optional send to folder/printer/application
<b>PRINTER:</b>		
<b>Print Cartridges</b>	1 (black)	1 (black)
<b>Print Technology</b>	Laser electrostatic	Laser electrostatic
<b>Speed Black, Normal Quality, Letter</b>	<b>Up to 55 ppm</b>	<b>Up to 65 ppm</b>
<b>Print Languages, Std</b>	HP PCL 6, HP postscript level 3 emulation, direct PDF, automatic language switching	HP PCL 6, HP postscript level 3 emulation, direct PDF, automatic language switching
<b>Input Capacity</b>	2,600 sheets	2,600 sheets
<b>Connectivity, Std</b>	Optional with HP Print Kit (Q3639A)	Optional with HP Print Kit (Q3639A)
<b>Connectivity, Opt</b>	HP Print Kit (includes HP Jetdirect 615n print server, print drivers, 256 MB printer and copier memory, 20 GB hard disk), HP Jetdirect wireless print servers, connectivity card for USB/Serial/LocalTalk	HP Print Kit (includes HP Jetdirect 615n print server, print drivers, 256 MB printer and copier memory, 20 GB hard disk), HP Jetdirect wireless print servers, connectivity card for USB/Serial/LocalTalk
<b>Two-Sided Printing</b>	Automatic (standard)	Automatic (standard)
<b>COPIER:</b>		
<b>Speed, Max</b>	<b>55 cpm</b>	<b>65 cpm</b>
<b>Reduce/Enlarge</b>	25–400%	25–400%
<b>SCANNER:</b>		
<b>Scan Resolution, Enh<sup>1</sup>/Opt</b>	600 × 600 dpi	600 × 600 dpi
<b>DIGITAL SENDING:</b>		
<b>Features, Std</b>	None	None
<b>Features, Opt</b>	Send to folder, send to printer, send to application	Send to folder, send to printer, send to application
<b>GENERAL:</b>		
<b>Media Sizes, Std</b>	Letter, letter wide, letter R, letter R wide, ledger, ledger wide, executive, executive R, statement (half-letter), statement R, statement wide	Letter, letter wide, letter R, letter R wide, ledger, ledger wide, executive, executive R, statement (half-letter), statement R, statement wide
<b>Media Sizes, Custom</b>	5.5 × 8.5 in to 12 × 18 in	5.5 × 8.5 in to 12 × 18 in
<b>ADF Capacity</b>	100 sheets	100 sheets
<b>Duty Cycle, Monthly</b>	300,000 pages	300,000 pages
<b>Memory, Std</b>	64 MB (copier)	64 MB (copier)
<b>Memory, Max</b>	384 MB (printer), 320 MB (copier)	384 MB (printer), 320 MB (copier)

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP LaserJet 9055mfp and 9065mfp series



### Memory map

#### 9055mfp • 9065mfp

#### HP Print Kit (Print Controller)

384 MB Maximum Usable Memory/4 Slots



#### Digital Copier/MFP Engine

320 MB Maximum Usable Memory/1 Slot



Note: Additional 256 MB memory module is available only in the HP Print Kit or from HP Service.

## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Toner bottles

- HP Black Toner (47,500<sup>1</sup>) Q3681C

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Office Paper, 11 × 17-in (500 sheets) HPC1117
- HP All-in-One Printing Paper, letter (500 sheets) HPT1115
- HP Office Paper, letter (500 sheets) HPC8511

### Paper-handling accessories

- 3,000-Sheet Stapler/Stacker Q3633A
- 2,500-Sheet Multifunction Finisher Q3634A
- Cover Sheet Inserter Q3636A
- 3-Hole Punch Kit Q3635A

- 2-Hole Punch Kit Q3689A
- 4,000-Sheet High-Capacity Input: Letter Q3637A, Ledger Q3638A
- Staple Cartridge (qty 3) Q3641A
- 100-Sheet Output Tray Q3640A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More DIMM 36596DB C06
- 4 in 1 Barcode DIMM 36596DT 0104
- Tax 1 DIMM 36596DB 00T
- Scalable Code 39/OCR-B DIMM 36596DT 001

### Memory and mass storage

- 20 GB Copier Hard Disk Drive Q3642A
- SDRAM DIMM (100-pin): 64 MB Q1887A, 128 MB C9121A

### Other

- HP Print Kit (includes HP Jetdirect 615n Print Server, Printer Drivers, 256 MB Printer Memory, 256 MB Copier Memory, 20 GB Hard Disk) Q3639A
- Localization Kit (Manuals, Software, Power Cord, Front Panel Overlays) Q3643A#ABA
- HP AutoStore, Software and One Device License T1943AA

<sup>1</sup> Approximate page yield based on 6% coverage.



# HP 9085mfp

Cost-effective finished document creation for your business  
low-volume production environment.

## Product pointers

- Fast and versatile printing and copying at up to 85 letter-size ppm, with 128 MB memory (expandable to 896 MB).
- Originals can be received and stored as compressed digital data for unlimited set production, scan to e-mail and scan-once, print-many functionality.
- Ideal for high-production jobs with a monthly duty cycle of 750,000 pages.
- Outstanding paper capacity: an optional 4,000-sheet tray increases paper capacity from 2,150 sheets to 6,150 sheets.
- The optional EFI print controller adds powerful network print functions and supports HP Jetadmin to ensure network management compatibility and familiarity.

## Ordering information

<b>Model Number</b>	<b>9085mfp<sup>1</sup></b>
<b>Commercial</b>	Q3218A <sup>2</sup> (484)
<b>Canada</b>	Q3218A <sup>2</sup> (484)

<sup>1</sup>Only available from HP or select authorized resellers.

<sup>2</sup>Product requires one of three output options: 3,000-sheet stapler/stacker (Q3219A), 3,000-sheet multifunction finisher (Q3220A) or 150-sheet output tray (Q5683A); toner (Q5701C) and localization kit (Q7576A).

## Compatibility

<b>Operating System</b>	<b>9085mfp</b>
<b>Optional</b>	
<b>Desktop/Network</b>	Windows (98, NT 4.0, 2000, Me, XP Professional, Server 2003), Mac OS (9.2 or later, OS X) via EFI Fiery X5 Controller



HP 9085mfp with stapler/stacker

## In the box

- User's guide

## Software

- EFI Command WorkStation
- EFI WebTools
- EFI FreeForm

## Shipping weight and shipping dimensions

- 9085mfp 717 lb 38.5 x 56 x 44.1 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 90 day parts only

### HP Care Pack options

- Please contact your HP sales representative or authorized reseller for information on service/support options.

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-1152ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hppsc.com](http://www.hppsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

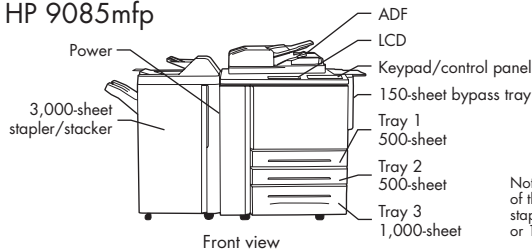
## Model specifications, schematic and memory map

• See page 204 for complete specifications and comparisons to other HP Multifunction and All-in-One products.

9085mfp	
<b>Product Number</b>	<b>Q3218A</b>
<b>AIO/MFP Functions</b>	Black and white printing, black and white copying, black and white scanning, optional advanced finishing and scan to e-mail
<b>PRINTER:</b>	
<b>Print Technology</b>	Laser
<b>Speed Black, Normal Quality, Letter</b>	Up to 85 ppm
<b>Print Quality, Black Best</b>	600 dpi
<b>Print Languages, Std</b>	PCL 6, Adobe PostScript 3 (standard with purchase of EFI print controller kit)
<b>Input Capacity</b>	2,150 sheets
<b>Connectivity, Std</b>	Optional with EFI print controller kit (Q5681A)
<b>Connectivity, Opt</b>	Fast Ethernet 10/100Base-TX
<b>Two-Sided Printing</b>	Automatic (standard)
<b>COPIER:</b>	
<b>Speed, Max</b>	85 cpm
<b>First Copy Out</b>	Approximately 3.3 secs
<b>Resolution, Black Text And Graphics</b>	Selectable 400–600 dpi
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution: Enhanced<sup>1</sup></b>	600 × 600 dpi
<b>Optical</b>	600 × 600 dpi
<b>Grayscale Levels</b>	256
<b>DIGITAL SENDING:</b>	
<b>Features, Std</b>	None
<b>Features, Opt</b>	Scan to e-mail
<b>File Format</b>	PDF, TIFF, JPEG
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, letter wide, letter R, letter R wide, ledger, ledger wide, executive, executive R, statement (half-letter), statement R, statement wide
<b>Media Sizes, Custom</b>	8.3 × 5.5 in to 12.4 × 17.5 in
<b>ADF Capacity</b>	100 sheets
<b>Duty Cycle, Monthly</b>	750,000 pages
<b>Memory, Std</b>	128 MB (copier and printer)
<b>Memory, Max</b>	896 MB

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP 9085mfp



### Memory map

#### 9085mfp

896 MB Maximum Usable Memory/3 Slots



Note: Open slots only support 256 MB DIMMs.

Note: 3,000-sheet stapler/stacker shown. One of three output options is required: 3,000-sheet stapler/stacker, 3,000-sheet multifunction finisher or 150-sheet output tray.

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Toner bottles

- HP Black Toner (60,000<sup>1</sup>) Q5701C

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Office Paper, 11 × 17-in (500 sheets) HPC1117
- HP All-in-One Printing Paper, letter (500 sheets) HPT115
- HP Office Paper, letter (500 sheets) HPC8511

### Paper-handling accessories

- 4,000-Sheet High-Capacity Input: Letter Q3637A, Ledger Q3638A
- 3,000-Sheet Stapler/Stacker Q3219A
- 3,000-Sheet Multifunction Finisher Q3220A
- 150-Sheet Output Tray Q5683A
- Post Insertion Kit (cover inserter) Q3221A
- Hole Punch Unit Q3222A
- Hole Punch Unit with Z-fold Q3223A
- Trimmer (for use with Q3220A) Q3224A

### Memory and mass storage

- SDRAM DIMM (168-pin): 256 MB C9653A
- EFI 128 MB RAM Memory Module C7578A

### Other

- Localization Kit (without toner) Q7576A
- EFI Fiery X5 External Print Controller Q5681A
- EFI Velocity Balance License (2 MFPs) Q5696A
- EFI Velocity Balance License (1 additional MFP) Q5698A
- EFI Velocity Remote Build (3 seats) Q7002A
- EFI Velocity Scan Q5700A
- EFI DocBuilder Pro Q5704A
- EFI Velocity Compose Q6997A
- EFI Data Center Package Q5705A

<sup>1</sup> Approximate page yield based on 4% coverage.

# HP Color LaserJet 2820 and 2840 All-in-One

Ultimate color LaserJet—printing, faxing (2840 only), scanning, copying and photo memory card access (2840 only).



HP Color LaserJet 2840

## Product pointers

- Integrated color printing, copying, faxing and scanning in one machine saves time, money and space with the simplicity and reliability you come to expect from HP LaserJets.
- Greater efficiency with four-in-one functions for all your black and white and color business communications. Convenient walk-up faxing and copying, plus integrated HP networking allows small offices to share the capabilities of printing and scanning.
- An integrated design delivers intuitive operation and effortless multitasking—copy, fax or scan, even while printing. HP PCL 6 and postscript 3 emulation ensures system compatibility, and HP Smart printing technology (using genuine HP supplies ensures availability of all HP printing features) simplifies supplies management.
- Reduce costs by bringing strategic, high-quality color documents in-house allowing you to print or copy only what you need while enjoying greater content flexibility for both more effective and efficient communications.

## Ordering information

Model Number	2820	2840
Commercial	Q3948A (ABA)	Q3950A (ABA)
Canada	Q3948A (A2L)	Q3950A (A2L)

## Compatibility

Operating System	2820	2840
<b>Standard Desktop</b>		
Windows 98 SE	•	•
Windows NT 4.0 (printer driver only)	•	•
Windows 2000	•	•
Windows XP	•	•
Windows Me <sup>1</sup>	•	•
Mac OS 9.2.2 <sup>2</sup>	•	•
Mac OS X 10.2.8 <sup>2</sup> , 10.3.x <sup>1</sup>	•	•
<b>Standard Network</b>		
Windows NT 4.0 (printer driver only)	•	•
Windows 2000	•	•
Windows Me <sup>1</sup>	•	•
Windows XP	•	•

<sup>1</sup>Scan and print drivers only.

<sup>2</sup>Full Mac install required.

## In the box

### All models:

- 5,000-page<sup>1</sup> HP black print cartridge
- HP Imaging Drum
- Getting started guide and support flyer
- Electronic user's guide
- Automatic document feeder (ADF)
- Power cord
- Software CD-ROM
- Control panel faceplate

### 2820 only:

- 2,000-page<sup>1</sup> HP print cartridge (1 each cyan, magenta, yellow)

### 2840 only:

- 4,000-page<sup>1</sup> HP print cartridge (1 each cyan, magenta, yellow)
- 250-sheet input tray
- Fax telecom cable

## Software

- HP PCL 6
- HP postscript level 3 emulation print drivers
- HP Toolbox
- HP LaserJet scan
- TWAIN 1.9 or WIA scanner drivers
- HP LaserJet fax
- Installer/uninstaller
- HP Director
- HP Image Zone
- HP Document Viewer
- Readiris PRO Text Recognition Software
- HP All-in-One Setup Assistant (Mac)

## Shipping weight and shipping dimensions

- 2820 89 lb 27.6 × 31.5 × 25.3 in
- 2840 95 lb 27.6 × 31.5 × 26.9 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware onsite plus telephone support

### HP Care Pack options

- Next Business Day Response: 3 years UA337E
- Installation Service: 1 printer, 1 incident H4513E  
1 network configuration H3110E
- Post Warranty Service, Next Business Day Response: 1 year UA346PE

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5983-0800ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## Model specifications, schematic and memory map

- Shaded rows indicate variations between models.
- See page 205 for complete specifications.

	2820	2840
<b>Product Number</b>	<b>Q3948A</b>	<b>Q3950A</b>
<b>AIO/MFP Functions</b>	Color printing, color copying, color scanning	Color printing, color copying, color scanning, black and white faxing, color direct digital photo printing
<b>PRINTER:</b>		
<b>Speed, Best Quality, Letter:</b>		
Black	Up to 20 ppm	Up to 20 ppm
Color	Up to 4 ppm	Up to 4 ppm
<b>Print Languages, Std</b>	HP PCL 6, HP postscript level 3 emulation, Postscript Printer Description (PPD)	HP PCL 6, HP postscript level 3 emulation, Postscript Printer Description (PPD)
<b>Paper Trays, Std</b>	1	2
<b>Paper Trays, Max</b>	2	2
<b>Input Capacity, Std</b>	125 sheets	375 sheets
<b>Input Capacity, Max</b>	375 sheets	375 sheets
<b>Connectivity, Std</b>	Hi-Speed USB 2.0, Ethernet, RJ-45 port	Hi-Speed USB 2.0, Ethernet, RJ-45 port
<b>Two-Sided Printing</b>	Manual (driver support provided)	Manual (driver support provided)
<b>FAX:<sup>1</sup></b>		
<b>Speed<sup>2</sup></b>	Not applicable	3 secs per page (Slerex page, standard resolution)
<b>Memory<sup>2</sup></b>	Not applicable	Up to 250 pages
<b>COPIER:</b>		
<b>Speed, Max</b>	Up to 20 cpm black, up to 4 cpm color	Up to 20 cpm black, up to 4 cpm color
<b>SCANNER:</b>		
<b>Scan Resolution:</b>		
Enhanced <sup>3</sup>	19200 x 19200 dpi	19200 x 19200 dpi
Optical	1200 dpi	1200 dpi
<b>GENERAL:</b>		
<b>Media Sizes, Std</b>	Multipurpose tray: letter, legal, executive, envelopes (No. 10, Monarch); 250-sheet paper tray: letter, legal, executive, 8.5 x 13 in; ADF: letter, legal, executive	Multipurpose tray: letter, legal, executive, envelopes (No. 10, Monarch); 250-sheet paper tray: letter, legal, executive, 8.5 x 13 in; ADF: letter, legal, executive
<b>ADF Capacity</b>	50 pages	50 pages
<b>Duty Cycle, Monthly</b>	Up to 30,000 pages	Up to 30,000 pages
<b>Memory</b>	96 MB std/224 MB max	96 MB std/224 MB max
<b>Memory Card Compatibility</b>	CompactFlash, Secure Digital, Memory Stick, Memory Stick PRO, SmartMedia, MultiMediaCard, xD-Picture Card	CompactFlash, Secure Digital, Memory Stick, Memory Stick PRO, SmartMedia, MultiMediaCard, xD-Picture Card

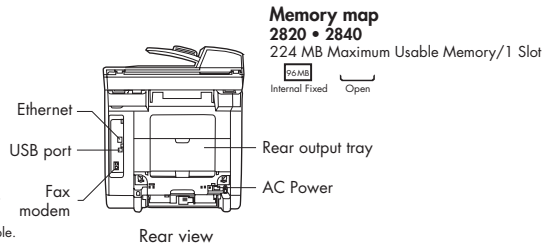
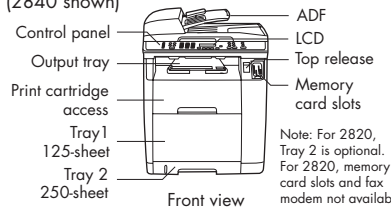
<sup>1</sup> Fax capability standard on HP LaserJet 2840 only, not available on HP LaserJet 2820.

<sup>2</sup> Based on standard ITU-T test image #1 standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>3</sup> Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Color LaserJet 2820/2840

(2840 shown)



## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Print Cartridges

- HP Color LaserJet Black Print Cartridge (5,000 page<sup>1</sup>) Q3960A
- HP Color LaserJet Cyan Print Cartridge (4,000 page<sup>1</sup>) Q3961A
- HP Color LaserJet Yellow Print Cartridge (4,000 page<sup>1</sup>) Q3962A
- HP Color LaserJet Magenta Print Cartridge (4,000 page<sup>1</sup>) Q3963A
- HP Color LaserJet Imaging Drum (20,000 black<sup>1</sup>, 5,000 black<sup>1</sup>) Q3964A
- HP Color LaserJet Cyan Print Cartridge (2,000 page<sup>1</sup>) Q3971A
- HP Color LaserJet Yellow Print Cartridge (2,000 page<sup>1</sup>) Q3972A
- HP Color LaserJet Magenta Print Cartridge (2,000 page<sup>1</sup>) Q3973A

### Media

- HP LaserJet Paper, letter (500 sheets) HPJ1124
- HP LaserJet Paper, legal (500 sheets) HPJ1424

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More DIMM 36596C C06
- Tax 1 DIMM 36596C 00T
- MICR DIMM 36596C 612
- Scalable Barcode 39 DIMM 36596CT 0W1
- 4 in 1 Scalable Barcode DIMM 36596CT 0104

### Paper-handling accessories

- 250-Sheet Input Tray (std on 2840) Q3952A

### Memory and mass storage

- SDRAM DIMM (100-pin):
  - 32 MB C7845A
  - 64 MB Q1887A
  - 128 MB C9121A

### Cables

- CAT5 RJ-45 M/M Ethernet Cable, 25-foot C7537A
- USB Cable, A-B:
  - 2-Meter C6518A
  - 3-Meter C6520A
  - 5-Meter C2392A

<sup>1</sup> Approximate page yield based on 5% coverage.

**New!**

# HP Color LaserJet 4730mfp, 4730x mfp, 4730xs mfp and 4730xm mfp

Advanced color printing, copying, and scanning with fax, digital sending, 700-sheet stapler/stacker and 3-bin mailbox (options vary by model).



HP Color LaserJet 4730mfp

## Product pointers

- Place the HP Color LaserJet 4730mfp series closer to your workgroups. Optimal access increases workgroup productivity, improves user satisfaction and reduces operating costs.
- Avoid spending valuable time learning how to use or maintain this device with a familiar, intuitive control panel—which walks users through embedded digital sending functionality—and HP Smart technology. HP Web Jetadmin simplifies IT management.
- Never let your device hold you back. This model delivers color output, multiple functionality, analog fax, a stapler/stacker (standard on 4730xs mfp), a 3-bin mailbox (standard on 4730xm mfp) and high input. Standard send to e-mail, send to shared network folder, and LDAP authentication along with additional optional digital sending functionality allow you to better enable worker productivity and accommodate future growth.
- Measure your savings over time with this MFP. Get high-performance, multiple functionality at a low purchase price and reduce your operating costs with cost-effective HP supplies, Color Access Controls and built-in HP reliability.

## Ordering information

Model Number	4730mfp	4730x mfp	4730xs mfp	4730xm mfp
<b>Commercial</b>	Q7517A (ABA)	Q7518A (ABA)	Q7519A (ABA)	Q7520A (ABA)
<b>Canada</b>	Q7517A (ABA)	Q7518A (ABA)	Q7519A (ABA)	Q7520A (ABA)

## Compatibility

Operating System	4730mfp	4730x mfp	4730xs mfp	4730xm mfp
<b>Standard Desktop</b>				
Windows 98	•	•	•	•
Windows NT 4.0	•	•	•	•
Windows 2000	•	•	•	•
Windows Me	•	•	•	•
Windows XP	•	•	•	•
Windows Server 2003	•	•	•	•
Mac OS 9 and later	•	•	•	•
Mac OS X 10.1 and later	•	•	•	•
<b>Standard Network</b>				
Windows NT 4.0	•	•	•	•
Windows Server 2003	•	•	•	•
Windows XP/XP 64-bit	•	•	•	•
NetWare	•	•	•	•
UNIX (HP-UX, Solaris)	•	•	•	•
Linux (Red Hat, SuSE)	•	•	•	•
Mac OS	•	•	•	•
Other	IBM AIX 3.2.5 and later, MPE-iX, Citrix MetaFrame, Windows Terminal Services			
<b>Optional Desktop/Network</b>				
	OS/2, UNIX, HP OpenVMS	OS/2, UNIX, HP OpenVMS	OS/2, UNIX, HP OpenVMS	OS/2, UNIX, HP OpenVMS

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 4AA0-0588ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hppsc.com](http://www.hppsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

## In the box

### All models:

- Print cartridge (1 each black, cyan, magenta, yellow)
- Power cord
- Control panel overlay
- Software and documentation on CD-ROM
- Getting started guide
- Information and training CD
- Walk Up Wall Poster
- Telephone Support Flyer
- **4730x mfp, 4730xm mfp, 4730xs mfp only:**
- HP LaserJet MFP Analog Fax Accessory 300
- Phone cord
- Fax Install Guide
- **4730xs mfp only:**
- Stapler/stacker
- **4730xm mfp only:**
- 3-bin mailbox

## Software

- Print drivers and installation software on CD-ROM (HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, HP LaserJet Utility, Macintosh software, PostScript Printer Description)

## Shipping weight and shipping dimensions

- 4730mfp: 339.95 lb 35.43 x 32.09 x 59.76 in
- 4730x mfp: 339.95 lb 35.43 x 32.09 x 59.76 in
- 4730xs mfp: 374.19 lb 35.43 x 32.09 x 69.69 in
- 4730xm mfp: 374.19 lb 35.43 x 32.09 x 69.69 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jetdirect internal:
  - 625n Gigabit Ethernet J7960A
  - 635n IPv6/IPsec J7961A
- HP Jetdirect external:
  - en3700, 10/100Base-TX (3-port) J7942A
- HP Jetdirect wireless:
  - ew2400 802.11g J7951A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:
  - 3 years H3113E
- 4-Hour Response, Extended Business Hours:
  - 3 years HC116E
- Installation Service:
  - 1 network configuration U2010E

## Model specifications, schematic and memory map

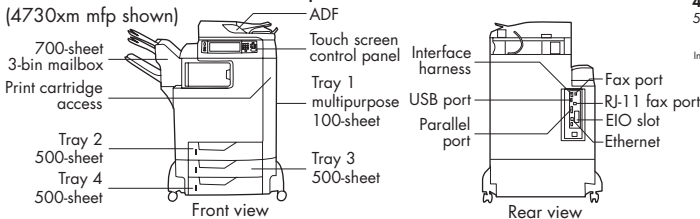
- Shaded rows indicate variations between models.
- See page 206 for complete specifications.

Model Number	4730mfp	4730x mfp	4730xs mfp	4730xm mfp
Product Number	Q7517A	Q7518A	Q7519A	Q7520A
AIO/MFP Functions	Color printing, color copying, color digital sending; optional black-and-white fax	Color printing, color copying, color digital sending, black-and-white fax	Color printing, color copying, color digital sending, black-and-white fax	Color printing, color copying, color digital sending, black-and-white fax
<b>PRINTER:</b>				
Print Speed Black, Best Quality, Letter	Up to 30 ppm	Up to 30 ppm	Up to 30 ppm	Up to 30 ppm
Resolution Technology	HP ImageREt 3600	HP ImageREt 3600	HP ImageREt 3600	HP ImageREt 3600
Print Languages, Std	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing (v 1.4), PML (Printer Management Language)			
Two-Sided Printing	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard)
Paper Trays, Std	4	4	4	4
Input Capacity, Std	1600 sheets	1600 sheets	1600 sheets	1600 sheets
Connectivity, Std	Bidirectional IEEE-1284C parallel port, Hi-Speed USB 2.0 port (compatible with USB 2.0 specifications), HP Jetdirect Fast Ethernet Embedded Print Server, 1 open EIO slot, foreign interface harness, host USB accessory port			
<b>FAX:</b>				
Speed	Up to 33.6 kbps	Up to 33.6 kbps	Up to 33.6 kbps	Up to 33.6 kbps
Resolution, Best	300 × 300 dpi	300 × 300 dpi	300 × 300 dpi	300 × 300 dpi
<b>COPIER:</b>				
Speed, Max	Up to 30 ppm	Up to 30 ppm	Up to 30 ppm	Up to 30 ppm
Resolution, Black Text	600 × 600 dpi	600 × 600 dpi	600 × 600 dpi	600 × 600 dpi
<b>SCANNER:</b>				
Scan Resolution: Enhanced <sup>1</sup>	600 × 600 dpi	600 × 600 dpi	600 × 600 dpi	600 × 600 dpi
Optical	Up to 600 dpi	Up to 600 dpi	Up to 600 dpi	Up to 600 dpi
<b>DIGITAL SENDING:</b>				
Features, Std	Embedded scan to e-mail	Embedded scan to e-mail	Embedded scan to e-mail	Embedded scan to e-mail
File Format	PDF, JPEG, TIFF, MTIFF	PDF, JPEG, TIFF, MTIFF	PDF, JPEG, TIFF, MTIFF	PDF, JPEG, TIFF, MTIFF
<b>GENERAL:</b>				
Media Sizes, Std	Letter, legal, statement, executive, envelopes (No. 10, commercial)	Letter, legal, statement, executive, envelopes (No. 10, commercial)	Letter, legal, statement, executive, envelopes (No. 10, commercial)	Letter, legal, statement, executive, envelopes (No. 10, commercial)
ADF Capacity	Standard, 50 sheets	Standard, 50 sheets	Standard, 50 sheets	Standard, 50 sheets
Duty Cycle, Monthly	Up to 9,000 pages	Up to 9,000 pages	Up to 9,000 pages	Up to 9,000 pages
Memory, Std	320 MB (256 MB RAM and 64 MB fixed memory)	320 MB (256 MB RAM and 64 MB fixed memory)	320 MB (256 MB RAM and 64 MB fixed memory)	320 MB (256 MB RAM and 64 MB fixed memory)

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Color LaserJet 4730mfp series

(4730xm mfp shown)



**Memory map**  
**4730 • 4730x • 4730xs • 4730xm**  
 512 MB Maximum Usable Memory/1 Slot



## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP Color LaserJet Black Print Cartridges with HP ColorSphere Toner (12,000<sup>1</sup>) Q6460A
- HP Color LaserJet Cyan Print Cartridges with HP ColorSphere Toner (12,000<sup>1</sup>) Q6461A
- HP Color LaserJet Yellow Print Cartridges with HP ColorSphere Toner (12,000<sup>1</sup>) Q6462A
- HP Color LaserJet Magenta Print Cartridges with HP ColorSphere Toner (12,000<sup>1</sup>) Q6463A

### Media

- HP Color Laser Presentation Paper, soft gloss, letter (200 sheets) Q6541A

- HP Color Laser Brochure, matte, letter (150 sheets) Q6543A
- HP Color Laser Photo Paper, matte, letter (100 sheets) Q6549A
- HP Color Laser Photo & Imaging Paper, glossy letter (200 sheets) Q6545A

### Paper-handling accessories

- 500-Sheet Stapler/Stacker Q7521A
- 3-Bin Mailbox Q7523A
- Staple Cartridge (Stapler/Stacker) C8091A

### Memory and mass storage

- DDR DIMM (100-pin):  
 128 MB Q2626A  
 256 MB Q2627A  
 512 MB Q2628A  
 32 MB Flash Memory Card Q2635A

### Cables

- USB Cable, A-B, 2 Meter C6518A
- IEEE 1284-Compliant Bidirectional Parallel Cables, A-C:  
 3-meter C2946A  
 10-Meter C2947A

### Other

- HP MFP Analog Fax Accessory Q3701A
- HP MFP Digital Sending Software 4.0 T1936AA
- HP AutoStore T1943AA

<sup>1</sup>Approximate page yield based on 5% coverage.

# HP Color LaserJet 9500mfp

Print, copy, fax and scan to e-mail in color with finishing options for workgroups and departments.

## Product pointers

- Color printing, copying, scanning to e-mail, faxing and document finishing, as well as easy-to-manage HP supplies, in one device.
- Delivers return on investment through affordable price and cost-effective operation. Versatility, reliability and adaptability increase device utilization and workgroup productivity for a better return on investment.
- Experience a new level of flexibility with multiple document-finishing options, 11 × 17-inch media capability, and optional digital sending functionality for making workflow easy and supporting changing business needs.
- Image enhancement technologies deliver high-value documents with superior color. HP Smart printing technology (using genuine HP supplies ensures the availability of all HP printing features) and HP media ensure consistent, accurate color for striking details, sharp text and clear lines.

## Ordering information

<b>Model Number</b>	<b>9500mfp<sup>1</sup></b>
<b>Commercial</b>	C8549A
<b>Canada</b>	C8549A

<sup>1</sup>Product requires 2,000 sheet input tray (Q1891A) and one of four output options: 3,000-sheet stacker (C8084A), 3,000-sheet stapler/stacker (C8085A), 8-bin mailbox (Q5693A) or multifunction finisher (C8088B).

## Compatibility

<b>Operating System</b>	<b>9500mfp</b>
<b>Standard Desktop</b>	
Windows 98	•
Windows NT	•
Windows 2000	•
Windows XP	•
Windows Me	•
Windows Server 2003	•
Mac OS 9 and later	•
Mac OS X 10.1 and later	•
<b>Standard Network</b>	
Windows NT 4.0	•
Windows XP	•
Windows Server 2003	•
NetWare	•
UNIX (HP-UX, Solaris)	•
Linux (Red Hat, SuSE)	•
Mac OS	•
<b>Other</b>	IBM AIX (3.2.5 and later), MPE-iX, Citrix MetaFrame, Windows Terminal Services



HP Color LaserJet 9500mfp with multifunction finisher

## In the box

- Print cartridges (1 each, black, cyan, magenta, yellow)
- 2,000-sheet input tray [must order separately (Q1891A)]
- Choice of one output device [must order separately (3,000-sheet stacker, 3,000-sheet stapler/stapler, multifunction finisher or 8-bin mailbox)]
- Imaging Drums (4)
- Toner collection bottle
- Transfer cleaner
- User documentation
- User reference guide on CD-ROM

## Software

- Print drivers and installation: HP PCL 6, HP postscript level 3 emulation (32-bit drivers only), HP PCL 5c (provided on add printer install)

## Shipping weight and shipping dimensions

- 9500mfp 478.6 lb 47.25 × 40.24 × 58.59 in

## Networking solutions

See pages 284–293 for additional information.

### Print servers/adapters

- HP Jeldirect internal:
  - 620n, Fast Ethernet J7934A
  - 625n, Gigabit Ethernet J7960A
- HP Jeldirect external:
  - 175x, 10/100Base-TX (1-port) J6035D
  - en3700, 10/100Base-TX (1-port) J7942A
  - 300x, 10/100Base-TX (1-port) J3263A
  - 500x, 10/100Base-TX (3-port) J3264A
- HP Jeldirect wireless:
  - 380x, 802.11b J6061A
  - 680n, 802.11b J6058A
  - ew2400, 802.11b/g J7951A
- Bluetooth wireless:
  - bt1300, print adapter J6072A

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year warranty, Next Business Day Onsite

### HP Care Pack options

- Next Business Day Response:
  - 3 years H4597E
- 4-Hour Response, Extended Business Hours:
  - 3 years H4603E
- Installation Service:
  - 1 printer, 1 incident U2013E
  - 1 network configuration U2014E
- Post Warranty Service, Next Business Day Response:
  - 1 year U2039PE
- Post Warranty Service, 4-Hour Response, Extended Business Hours:
  - 1 year U2037PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-7992ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpqsc.com](http://www.hpqsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

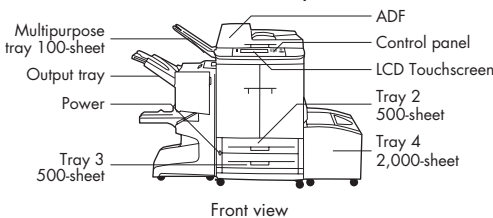
## Model specifications and schematic

• See page 207 for complete specifications and comparisons to other Multifunction and All-in-One products.

<b>9500mfp</b>	
<b>Product Number</b>	<b>C8549A</b>
<b>AIO/MFP Functions</b>	Color printing, color copying, analog black and white faxing, scan to e-mail, document finishing, optional digital sending
<b>PRINTER:</b>	
<b>Speed, Best Quality, Letter</b>	Up to 24 ppm black and color
<b>First Page Out</b>	Approximately 20 secs black and color
<b>Resolution Technology</b>	HP ImageREt 4800
<b>Print Languages, Std</b>	HP PCL 5c, HP PCL 6, HP postscript level 3 emulation
<b>Paper Trays, Std</b>	4
<b>Input Capacity, Std</b>	3,100 sheets [requires ordering 2,000-sheet input tray (Q1891A)]
<b>Output Capacity, Max</b>	3,000 sheets (stacker or stapler/stacker option), 1,000 sheets (multifunction finisher option), 2,000 sheets (8-bin mailbox option)
<b>Connectivity, Std</b>	USB 1.1, IEEE 1284-compliant bidirectional parallel, HP Jetdirect 620n print server, copy connect card (EIO), FIH (foreign interface harness), HP Jetlink, RJ-11 (to the external fax line)
<b>Connectivity, Opt</b>	HP Jetdirect internal, external and wireless print servers, Bluetooth wireless
<b>Two-Sided Printing</b>	Automatic (standard)
<b>FAX:</b>	
<b>Resolution, Best</b>	300 dpi
<b>Speed Dialing, Max</b>	100 numbers
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 24 cpm black and color
<b>Copier Settings</b>	Scalability, contrast, N-up, auto/text/graphic, one pass two-sided scanning, change size, change orientation, crop, move, hide
<b>Reduce/Enlarge</b>	25–200%
<b>SCANNER:</b>	
<b>Scan Resolution, Enh<sup>1</sup>/Opt</b>	600 dpi
<b>DIGITAL SENDING:</b>	
<b>Features, Std</b>	Scan to e-mail
<b>Features, Opt</b>	Scan to printers, FTP sites, network folders, LAN fax and internet fax [requires purchase of HP DSS 4.0 (T1936AA); software is server-based, server required]
<b>File Format</b>	PDF, JPEG, TIFF, MTIFF
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, letter R, legal, tabloid, envelopes (No. 10, Monarch), tray 1; letter, letter R, legal, 8.5 × 13 in, tabloid, trays 2, 3, 4
<b>ADF Capacity</b>	100 sheets
<b>Duty Cycle, Monthly</b>	Up to 200,000 pages
<b>Memory, Std/Max</b>	512 MB

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

## HP Color LaserJet 9500mfp



Note: Multifunction finisher shown. One of four output options required: 3,000-sheet stacker (C8084A), 3,000-sheet stapler/stacker (C8085A), 8-bin mailbox (Q5693A) or multifunction finisher (C8088B).

## Supplies and accessories

See pages 314–317 for additional information on paper-handling solutions. Please see the November 2005 Supplies IRG for complete supplies information (4AAA-0791ENUC).

### Print cartridges

- HP Color LaserJet Black Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8550A
- HP Color LaserJet Cyan Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8551A
- HP Color LaserJet Yellow Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8552A
- HP Color LaserJet Magenta Print Cartridge with Smart Printing Technology (25,000<sup>1</sup>) C8553A

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Office Paper, 11 × 17 in (500 sheets) HPC1117

- HP All-in-One Printing Paper, letter (500 sheets) HPT115
- HP Office Paper, letter (500 sheets) HPC8511

### HP digital sending software

- For license packages, please visit [www.hp.com/go/digitalsending](http://www.hp.com/go/digitalsending)
- HP Digital Sending Software 4.0 T1936AA

### Paper-handling accessories

- 2,000-Sheet Input Tray Q1891A
- 3,000-Sheet Stacker C8084A
- 3,000-Sheet Stapler/Stacker C8085A
- Multifunction Finisher C8088B
- 8-Bin Mailbox Q5693A
- Staple Cartridge (Stapler/Stacker) C8091A

- Staple Cartridge (Multifunction Finisher) C8092A

### LaserJet font solutions

These and many other font products are available only from HP at: 661-257-5571 opt. 1 or [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)

- Barcodes and More Flash Memory Card 36596FB C06
- Tax 1 Flash Memory Card 36596FB 00T
- MICR Flash Memory Card 36596FB 612
- Scalable Code 39/OCR-B Flash Memory Card 36596FT 0W1

### Other

- HP AutoStore, Software and One Device License T1943AA

<sup>1</sup> Approximate page yield based on 5% coverage.

Download from [www.Somanuals.com](http://www.Somanuals.com). All Manuals Search And Download.



# HP Color 9850mfp

A reliable multifunction for color document production environments.

## Product pointers

- Improve productivity with quality, color-document creation at up to 50 ppm and optimize efficiency in production environments with a host of workflow and color management tools, connectivity features and finishing accessories.
- Designed for the demands of the color production environment, backed by the HP reputation for reliability and world-class service, with a 5-million-page product life and a robust 150,000-page maximum monthly duty cycle.
- Integrates into existing production-level environments to provide easy operation, low maintenance and versatile network connectivity for hassle-free creation of professional-quality color and black and white documents.

## Ordering information

<b>Model Number</b>	<b>9850mfp<sup>1,2</sup></b>
<b>Commercial</b>	Q3225A
<b>Canada</b>	Q3225A

<sup>1</sup>Only available from HP or select authorized dealers.

<sup>2</sup>Product requires one of two output options: 3,000-sheet stapler/stacker (Q5686A) or 3,000-sheet multifunction finisher (Q5687A); localization kit (Q7577A).

## Compatibility

<b>Operating System</b>	<b>9850mfp</b>
<b>Optional</b>	
<b>Desktop/Network</b>	Windows (98, Me, NT 4.0, 2000, XP), Novell PServer (4.2 or later supporting Ethernet 802.2, 802.3, Ethernet II and Ethernet SNAP), NetWare (5.1 or later, 6.x supporting Ethernet II), Mac OS (9.2, 10.2.4 or later)



HP Color 9850mfp with stapler/stacker

## In the box

- User's guide

## Software

- EFI Command WorkStation
- EFI WebTools
- EFI FreeForm

## Shipping weight and shipping dimensions

- 9850mfp 796.4 lb      31.3 x 35 x 41.6 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 90 day parts only

### HP Care Pack options

- Please contact your HP sales representative or authorized reseller for information on service/support options.

## Additional information

### Sales

- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5982-3554ENUC

### Service

- Drivers: [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

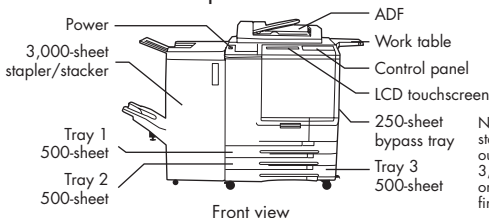
## Model specifications, schematic and memory map

• See page 207 for complete specifications and comparisons to other Multifunction and All-in-One products.

<b>9850mfp</b>	
<b>Product Number</b>	<b>Q3225A</b>
<b>AIO/MFP Functions</b>	Color printing, color copying, color scanning, optional scan to e-mail
<b>PRINTER:</b>	
<b>Print Technology</b>	Laser
<b>Speed, Best Quality, Letter</b>	Up to 50 ppm black and color
<b>First Page Out</b>	Approximately 7.6 secs color, 6 secs black
<b>Print Quality:</b>	
<b>Black Best</b>	600 dpi
<b>Color Best</b>	600 × 600 dpi (600 × 1800 dpi enhanced resolution)
<b>Print Languages, Std</b>	Adobe PostScript 3, HP PCL 5e (with color; standard with purchase of EFI print controller kit)
<b>Input Capacity</b>	1,750 sheets
<b>Connectivity, Std</b>	Optional with EFI external print controller (Q5695A) or EFI internal print controller (Q7433A)
<b>Connectivity, Opt</b>	Fast Ethernet 10/100 Base-TX
<b>COPIER:</b>	
<b>Speed, Max</b>	Up to 50 cpm black and color
<b>Resolution, Black Text And Graphics</b>	600 × 600 dpi
<b>Reduce/Enlarge</b>	25–400%
<b>SCANNER:</b>	
<b>Scan Resolution:</b>	
<b>Enhanced<sup>1</sup></b>	600 × 600 dpi
<b>Optical</b>	600 dpi
<b>Grayscale Levels</b>	256
<b>DIGITAL SENDING:</b>	
<b>Features, Std</b>	None
<b>Features, Opt</b>	Scan to e-mail
<b>File Format</b>	PDF, TIFF, JPEG
<b>GENERAL:</b>	
<b>Media Sizes, Std</b>	Letter, legal, half-letter, ledger
<b>Media Sizes, Custom</b>	5.5 × 8.5 in to 13 × 19 in, trays 1, 2, 3; 3.94 × 5.83 in to 13 × 19 in, bypass tray
<b>ADF Capacity</b>	100 sheets
<b>Duty Cycle, Monthly</b>	150,000 pages
<b>Memory, Std</b>	512 MB (MFP engine and EFI external print controller), 256 MB (EFI internal print controller)
<b>Memory, Max</b>	1.5 GB (MFP engine), 1 GB (EFI external print controller), 512 MB (EFI internal print controller)

<sup>1</sup>Maximum dpi is limited by available computer memory, disk space and other system factors.

### HP Color 9850mfp



Note: 3,000-sheet stapler/stacker shown. One of two output options is required: 3,000-sheet stapler/stacker or 3,000-sheet multifunction finisher.

### Memory map

#### 9850mfp

#### External Print Controller

1 GB Maximum Usable Memory/4 Slots



#### MFP Engine

1.5 GB Maximum Usable Memory/8 Slots



## Supplies and accessories

See pages 314–319 for additional information on paper-handling solutions and printer memory. Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

### Ink

- HP Black Toner (30,000<sup>1</sup>) Q5920C
- HP Cyan Toner (20,000<sup>1</sup>) Q5921C
- HP Yellow Toner (20,000<sup>1</sup>) Q5922C
- HP Magenta Toner (20,000<sup>1</sup>) Q5923C

### Media

- HP Multipurpose Paper, letter (500 sheets) HPM1120
- HP Office Paper, 11 × 17-in (500 sheets) HPC1117

### Paper-handling accessories

- Automatic Document Feeder Q3228A
- 3,000-Sheet Stapler/Stacker Q5686A
- 3,000-Sheet Multifunction Finisher Q5687A
- 2,500-Sheet Input Tray Q5690A
- Post Insertion Kit Q3636A

- 3-Hole Punch Kit Q3635A
- 2-Hole Punch Kit Q3689A
- Staple Cartridge (qty 3) Q3641A
- Trimmer Unit Q5688A
- Trimmer Unit Adapter Kit (required for Q5688A) Q5689A

### Memory and mass storage

- Copy Controller Hard Drive (20 GB) Q5694A
- 1024 MB Copier Memory (256 MB × 4) Q6993A
- Localization Kit Q7577A
- EFI Fiery s300 External Print Controller Q5695A
- EFI Fiery X3e Internal Print Controller Kit Q7433A

- EFI 512 MB S300 External Print Controller Memory Kit Q7428A
- EFI 265 MB X3e Internal Print Controller Memory Kit Q7435A
- EFI Velocity Balance License: 2 MFPs Q5696A  
1 additional MFP Q5698A
- EFI Velocity Remote Build (3 seats) Q7002A
- EFI Velocity Scan Q5700A
- EFI DocBuilder Pro Q5704A
- EFI Velocity Compose Q6997A
- EFI Data Center Package Q6994A
- EFI Graphic Arts Package Q6991A
- EFI Color Profiler Kit Q6992A
- EFI FACI Kit Q7001A
- EFI Graphic Arts Lite Package (only used with Q7433A) Q7436A

<sup>1</sup> Approximate page yield based on 5% coverage.

# HP Fax Product Specifications



**Fax 1040  
Q7270A**



**Fax 1050  
Q7278A**

<b>Paper Type</b>	Plain	Plain
<b>Print Technology</b>	HP Thermal Inkjet	HP Thermal Inkjet
<b>Fax Speed<sup>1</sup></b>	6 secs per page	6 secs per page
<b>Copy Speed, Max:</b>		
<b>Black</b>	Up to 4 cpm	Up to 4 cpm
<b>Color</b>	Not applicable	Not applicable
<b>Memory<sup>1</sup></b>	100 pages	100 pages
<b>Resolution, Best</b>	300 × 300 dpi	300 × 300 dpi
<b>ADF Capacity</b>	10 sheets	10 sheets
<b>Input Capacity</b>	50 sheets	50 sheets
<b>Output Capacity</b>	No output tray	No output tray
<b>Media Sizes, Std</b>	Letter, legal	Letter, legal
<b>Telephone Handset</b>	Yes	Yes
<b>Telephone/Fax Mode</b>	Yes	Yes
<b>Integrated Telephone Answering Machine</b>	Yes	Yes
<b>Speed Dialing, Max Numbers</b>	80	100
<b>Polling</b>	Yes	Yes
<b>Delayed Sending</b>	Yes	Yes
<b>Forwarding</b>	Yes	Yes
<b>Automatic Redialing</b>	Yes	Yes
<b>Broadcasting, Max Stations</b>	15	20
<b>Dimensions (W × D × H)</b>	14.4 × 10.8 × 6.3 in (trays folded), 14.4 × 13.4 × 10.6 in (trays extended)	14.4 × 10.8 × 6.3 in (trays folded), 14.4 × 13.4 × 10.6 in (trays extended)
<b>Weight</b>	7.5 lb	7.7 lb

<sup>1</sup>Based on standard ITU test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.



**Fax 1240  
Q5621A**

<b>Paper Type</b>	Plain
<b>Print Technology</b>	Inkjet
<b>Fax Speed<sup>1</sup></b>	3 secs per page
<b>Copy Speed, Max:</b>	
<b>Black</b>	Up to 17 cpm
<b>Color</b>	Up to 12 cpm
<b>Memory<sup>1</sup></b>	Up to 200 pages
<b>Resolution, Best</b>	300 × 300 dpi
<b>ADF Capacity</b>	20 sheets
<b>Input Capacity</b>	100 sheets
<b>Output Capacity</b>	20 sheets
<b>Media Sizes, Std</b>	Letter, legal
<b>Telephone Handset</b>	Yes
<b>Telephone/Fax Mode</b>	Yes
<b>Integrated Telephone Answering Machine</b>	Yes
<b>Speed Dialing, Max Numbers</b>	100
<b>Polling</b>	Yes
<b>Delayed Sending</b>	Yes (black only)
<b>Forwarding</b>	Yes (black only)
<b>Automatic Redialing</b>	Yes
<b>Broadcasting, Max Stations</b>	50
<b>Dimensions (W × D × H)</b>	16 × 8 × 7 in
<b>Weight</b>	11 lb

<sup>1</sup>Based on standard ITU test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

# HP Fax 1040

Versatile fax with phone, 100-page memory, easy-touch controls and multiple fax queuing.

## Product pointers

- Communicate more efficiently with HP's versatile, high-quality business fax with phone and copy capabilities. Print and copy personal and business communications at up to 300 × 300 dpi (when printing in photo mode) for crisp, clear black and white output on everyday paper.
- Send important faxes quickly and reliably—as fast as 3 seconds per page—with 14.4 Kbps modem. Save time by using HP's 10-sheet auto document feeder to send multiple faxes. And print large-volume faxes more conveniently with 50-sheet paper tray.
- Save time and work more productively with easy fax queuing; use convenient scan-and-fax technology to quickly scan and queue multiple outgoing faxes even while transmitting faxes. Incoming faxes are safely stored in 100-page fax memory.
- Work quickly and easily with HP's intuitive control panel featuring 10 one-touch buttons and 80 speed dials. Convenient controls help save time and effort whether you are sending faxes or making copies.
- Block junk faxes using caller ID (requires caller ID service, must purchase service plan separately) to screen all incoming fax numbers. Once displayed, unwanted numbers can be easily programmed into your fax caller ID memory to automatically screen and block future fax transmissions.
- Easily make up to 75 high-quality black and white copies right at your desk. Conveniently collates multi-page documents in same order as originals at up to 4 copies per minute in draft mode. Plus, reduce or enlarge your copies by 50 to 125 percent.

**Notes:** Toolkit users: These specs vary by derivative. Please check derivative charts for appropriate spec by SKU.

## Ordering information

<b>Model Number</b>	<b>1040</b>
<b>Commercial</b>	Q7270A (ABA)
<b>Retail</b>	Q7270A (ABA)
<b>Canada</b>	Q7271A (ABI)/Q7272A (ABC)



HP Fax 1040

## In the box

- Black print cartridge (14 ml)
- Setup booklet
- User's guide
- Power cord
- Phone cord

## Shipping weight and shipping dimensions

- 1040 10.75 lb 17 × 14.63 × 9.5 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-7343ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

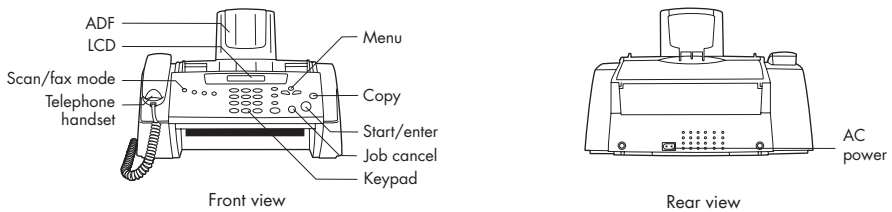
## Model specifications and schematic

- See page 260 for complete specifications and comparisons to other HP Fax products.

1040	
<b>Product Number</b>	<b>Q7270A</b>
<b>Paper Type</b>	Plain
<b>Print Technology</b>	HP Thermal Inkjet
<b>Fax Speed<sup>1</sup></b>	6 secs per page
<b>Copy Speed, Max:</b>	
Black	Up to 4 cpm
Color	Not applicable
<b>Memory<sup>1</sup></b>	100 pages
<b>Resolution, Best</b>	300 × 300 dpi
<b>ADF Capacity</b>	10 sheets
<b>Input Capacity</b>	50 sheets
<b>Output Capacity</b>	No output tray
<b>Media Sizes, Std</b>	Letter, legal
<b>Telephone Handset</b>	Yes
<b>Telephone/Fax Mode</b>	Yes
<b>Integrated Telephone Answering Machine</b>	Yes
<b>Speed Dialing, Max Numbers</b>	80
<b>Polling</b>	Yes
<b>Delayed Sending</b>	Yes
<b>Forwarding</b>	Yes
<b>Automatic Redialing</b>	Yes
<b>Broadcasting, Max Stations</b>	15
<b>Dimensions (W × D × H)</b>	14.4 × 10.8 × 6.3 in (trays folded), 14.4 × 13.4 × 10.6 in (trays extended)
<b>Weight</b>	7.5 lb

<sup>1</sup>Based on standard ITU test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

### HP Fax 1040



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 20 Black Inkjet Print Cartridge

C6614DN

#### Media

- HP Multipurpose Paper:
  - Letter (500 sheets)
  - Legal (500 sheets)
- HP Office Paper:
  - Letter (500 sheets)
  - Legal (500 sheets)

HPM1120  
HPM1420

HPC8511  
HPC8514

# HP Fax 1050

Professional fax with speaker phone, remote-access answering system and 100-page fax memory.

## Product pointers

- Stay connected using this professional fax with speaker phone and remote access to message from digital answering system. Includes 30-second greeting, 15-minute incoming message storage, plus automatic 30-minute memory backup for fax and messages.
- Communicate professionally with HP's versatile, high-quality business fax. Plus, print and copy personal and business communications at up to 300 × 300 dpi (when printing in photo mode) for crisp, clear black and white output on everyday plain paper.
- Send important faxes quickly and reliably—as fast as 3 seconds per page—with 14.4 Kbps modem. Save time by using HP's 10-sheet auto document feeder to send out multiple faxes. And print large-volume faxes more conveniently with 50-sheet paper tray.
- Save time and work more productively with easy fax queuing. Use convenient scan-and-fax technology to quickly scan and queue multiple outgoing faxes even while transmitting faxes. Incoming faxes are safely stored in 100-page fax memory.
- Work quickly and easily with HP's intuitive control panel featuring 10 one-touch buttons and 100 speed dials. Convenient controls help save time and effort whether you are sending faxes or making copies.
- Block junk faxes using caller ID (requires caller ID service, must purchase service plan separately) to screen all incoming fax numbers. Once displayed, unwanted numbers can be easily programmed into your fax caller ID memory to automatically screen and block future fax transmissions.

**Notes:** Toolkit users: These specs vary by derivative. Please check derivative charts for appropriate spec by SKU.

## Ordering information

<b>Model Number</b>	<b>1050</b>
<b>Commercial</b>	Q7278A (ABA)
<b>Retail</b>	Q7278A (ABA)
<b>Canada</b>	Q7279A (ABJ)/Q7280A (ABC)



HP Fax 1050

## In the box

- Black print cartridge (14 ml)
- Setup booklet
- User's guide
- Power cord
- Phone cord

## Shipping weight and shipping dimensions

- 1050 10.75 lb 17 × 14.63 × 9.5 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:
  - 2 years U8225A/E
  - 3 years U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-7344ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>

### Supplies and accessories

- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

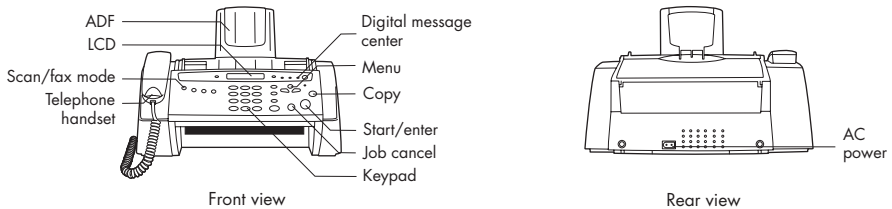
## Model specifications and schematic

- See page 260 for complete specifications and comparisons to other HP Fax products.

1050	
Product Number	Q7278A
Paper Type	Plain
Print Technology	HP Thermal Inkjet
Fax Speed <sup>1</sup>	6 secs per page
Copy Speed, Max:	
Black	Up to 4 cpm
Color	Not applicable
Memory <sup>1</sup>	100 pages
Resolution, Best	300 × 300 dpi
ADF Capacity	10 sheets
Input Capacity	50 sheets
Output Capacity	No output tray
Media Sizes, Std	Letter, legal
Telephone Handset	Yes
Telephone/Fax Mode	Yes
Integrated Telephone Answering Machine	Yes
Speed Dialing, Max Numbers	100
Polling	Yes
Delayed Sending	Yes
Forwarding	Yes
Automatic Redialing	Yes
Broadcasting, Max Stations	20
Dimensions (W × D × H)	14.4 × 10.8 × 6.3 in (trays folded), 14.4 × 13.4 × 10.6 in (trays extended)
Weight	7.7 lb

<sup>1</sup>Based on standard ITU test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

### HP Fax 1050



### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 20 Black Inkjet Print Cartridge

C6614DN

#### Media

- HP Multipurpose Paper:
  - Letter (500 sheets) HPM1120
  - Legal (500 sheets) HPM1420
- HP Office Paper:
  - Letter (500 sheets) HPC8511
  - Legal (500 sheets) HPC8514



# HP Fax 1240

Get high-performance, plain-paper faxing in black or color from a single HP machine.

## Product pointers

- Get fast, plain-paper faxing up to three seconds per page with 33.6 Kbps modem, plus built-in phone and color copier in one powerful, ultra-compact HP machine. Print faxes and copies in black or color at speeds up to 17 ppm black, up to 12 ppm color.
- Work more productively with the powerful advantages of 100 programmable speed dials and a 20-page input tray for multi-fax transmissions. And with memory that stores up to 200 incoming pages, never miss a fax even if you run out of paper or ink.
- Maximize any work area—receive faxes even when the top fold-up trays are closed. Or close all fold-up trays for convenient storage and protection from dust.
- Get professional quality results. Print crisp, clear black or color faxes and copies—images, graphics and text—at up to 1200 dpi color and up to 600 dpi black.
- HP's convenient desktop copying makes it easy to make up to 99 professional-quality copies fast. Copy at speeds up to 17 cpm black and up to 12 cpm color. Plus, easily enlarge or reduce documents to fit sizing needs.

## Ordering information

<b>Model Number</b>	<b>1240</b>
<b>Commercial</b>	Q5621A
<b>Retail</b>	Q5621A
<b>Canada</b>	Q5621A (A2L)



HP Fax 1240

## In the box

- Black ink cartridge (10 ml)
- Tri-color ink cartridge (8 ml)
- Setup poster
- Reference guide
- Power cord
- Phone cord
- Handset cord

## Shipping weight and shipping dimensions

- 1240      12 lb      18.8 x 9.5 x 10.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus telephone support

### HP Care Pack options

- Next Day Exchange:  
2 years      U8225A/E  
3 years      U4790A/E

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-3482ENUC

### Service

- [www.hp.com/support](http://www.hp.com/support)
- **Third-party solutions**
- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

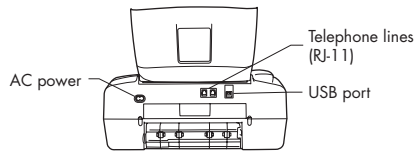
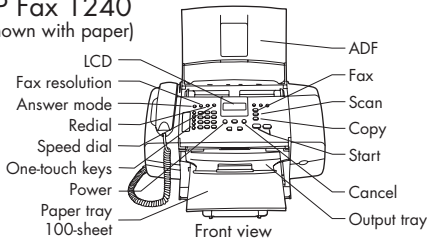
## Model specifications and schematic

- See page 261 for complete specifications.

1240	
<b>Product Number</b>	Q5621A
<b>Paper Type</b>	Plain
<b>Print Technology</b>	Inkjet
<b>Fax Speed<sup>1</sup></b>	3 secs per page
<b>Copy Speed, Max:</b>	
Black	Up to 17 cpm
Color	Up to 12 cpm
<b>Memory<sup>1</sup></b>	Up to 200 pages
<b>Resolution, Best</b>	300 × 300 dpi
<b>ADF Capacity</b>	20 sheets
<b>Input Capacity</b>	100 sheets
<b>Output Capacity</b>	20 sheets
<b>Media Sizes, Std</b>	Letter, legal
<b>Telephone Handset</b>	Yes
<b>Telephone/Fax Mode</b>	Yes
<b>Integrated Telephone Answering Machine</b>	Yes
<b>Speed Dialing, Max Numbers</b>	100
<b>Polling</b>	Yes
<b>Delayed Sending</b>	Yes (black only)
<b>Forwarding</b>	Yes (black only)
<b>Automatic Redialing</b>	Yes
<b>Broadcasting, Max Stations</b>	50
<b>Dimensions (W × D × H)</b>	16 × 8 × 7 in
<b>Weight</b>	11 lb

<sup>1</sup>Based on standard ITU test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

### HP Fax 1240 (Shown with paper)



Rear view

### Supplies and accessories

Please see the November 2005 Supplies IRG for complete supplies information (4AA0-0791ENUC).

#### Ink

- HP 27 Black Inkjet Print Cartridge
- HP 28 Tri-Color Inkjet Print Cartridge
- HP 56 Black Inkjet Print Cartridge

C8727AN  
C8728AN  
C6656AN

#### Media

- HP Multipurpose Paper:
  - Letter (500 sheets) HPM1120
  - Legal (500 sheets) HPM1420
- HP Office Paper:
  - Letter (500 sheets) HPC8511
  - Legal (500 sheets) HPC8514

# HP Digital Projector Specifications



**mp2210**  
**L1799A**

<b>ANSI (Max) Lumens</b>	1500
<b>Resolution</b>	1024 x 768 Native XGA
<b>Contrast</b>	2000:1 (full on/off)
<b>Lamp Life</b>	48+ months (usage typical)
<b>Projected Image Size</b>	Adjustable from 31 in to 246 in
<b>Display Technology</b>	DLP
<b>Projection Lens</b>	2.7 (wide), ~ 2.88 (tele)
<b>Keystone Correction</b>	±1.6° (automatic vertical)
<b>Connectivity</b>	PC video connector, S-video, composite, component (HDTV up to 1080i)
<b>Lamp Type</b>	150-watt compact P-VIP
<b>Computer Compatibility</b>	XGA, SVGA, VGA, Mac, SXGA, SXGA+, WSXGA+, UXGA
<b>Resizing Of Images To Full Screen</b>	Automatic
<b>Detection Of Computer Signal Input</b>	Automatic
<b>Image Synchronization</b>	Automatic
<b>Remote Control</b>	Page up/down, mouse, menu, sync, source, hide, video/graphics mode
<b>Power Supply</b>	Universal AC 100-240V, 50/60 Hz
<b>Warranty, Std</b>	1 year limited hardware plus next-day express exchange
<b>Dimensions (W x D x H)</b>	7.9 x 6.5 x 2.4 in
<b>Weight</b>	2.4 lb

# HP Digital Projector Specifications



mp3135  
L1797A



mp3220  
L1675A

<b>ANSI (Max) Lumens</b>	1800	2000
<b>Resolution</b>	1024 × 768 True XGA	XGA (1024 × 768)
<b>Contrast</b>	2000:1 (full on/off)	2000:1 (full on/off)
<b>Lamp Life</b>	2,000 hours standard (half-life); 4,000 hours economy (half-life)	2,000 hours (standard); 3,000 hours (economy)
<b>Projected Image Size</b>	Adjustable from 25 in to 295 in (diagonal)	Adjustable from 24.4 in to 292.5 in (diagonal)
<b>Display Technology</b>	DLP	DLP
<b>Projection Lens</b>	Non-telecentric, 1.2x manual zoom and focus	f/2.4-2.65; manual zoom; manual focus; digital and optical zoom
<b>Keystone Correction</b>	±30° (vertical), ±12° (horizontal)	±16° (32° total)
<b>Lamp Type</b>	180-watt compact P-VIP	200-watt compact P-VIP
<b>Resizing Of Images To Full Screen</b>	Automatic	Automatic
<b>Detection Of Computer Signal Input</b>	Automatic	Automatic
<b>Image Synchronization</b>	Automatic	Automatic
<b>Remote Control</b>	Wireless, USB mouse function, laser pointer	IR wireless, USB mouse function
<b>Power Supply</b>	Universal: 100–240V AC, 50/60 Hz with PFC input	Universal: 100–240V AC, 50/60 Hz
<b>Connectivity</b>	PC video connector, S-video, composite, component (HDTV up to 1800 dpi)	PC video connector, S-video, composite, component (HDTV up to 1800 dpi)
<b>Computer Compatibility</b>	XGA, SVGA, VGA, SXGA, SXGA+, Mac	VGA-SXGA+, Mac
<b>Warranty, Std</b>	1 year limited hardware plus next-day express exchange	2 year limited hardware (express exchange available)
<b>Dimensions (W × D × H)</b>	2.9 × 9 × 7.8 in	2.8 × 9.9 × 8.3 in
<b>Weight</b>	3.8 lb	3.8 lb



vp6310 • vp6310b • vp6310c • vp6320 • vp6320b • vp6320c  
L1686A • L2314A • L2315A • L1687A • L2317A • L2318A



xp8020  
L1576A

<b>ANSI (Max) Lumens</b>	vp6310/vp6310b/vp6310c: 1600; vp6320/vp6320b/vp6320c: 2000	3100
<b>Resolution</b>	vp6310/vp6310b/vp6310c: SVGA (800 × 600); vp6320/vp6320b/vp6320c: XGA (1024 × 768)	XGA (1024 × 768)
<b>Contrast</b>	vp6310/vp6310b/vp6310c: 2000:1 (JBMMA full on/off); vp6320/vp6320b/vp6320c: 2500:1 (JBMMA full on/off)	1000:1 (full on/off)
<b>Lamp Life</b>	4,000 hours (standard mode)	2,000 hours (standard), 3,000 hours (economy)
<b>Projected Image Size</b>	Adjustable from 37 in to 110 in	Approximately 31 to 347 in
<b>Display Technology</b>	Texas Instruments DLP	Texas Instruments DLP
<b>Projection Lens</b>	f/2.4 max optical zoom; manual focus	f/2.0 ~ 2.4; f=28.6 ~ 34.3 mm; 1.2× manual zoom; optional f/1.67 ~ 2.0 and f/2.4 ~ 2.88
<b>Keystone Correction</b>	±20° (vertical)	Horizontal: ±17° (34° total), vertical: ±40° (80° total)
<b>Connectivity</b>	vp6310/vp6310b/vp6310c: PC video connector, S-video, composite, component (HDTV up to 1080i); vp6320/vp6320b/vp6320c: PC video connector, S-video, composite, component (HDTV up to 1080i), DVI-D (with HDCP)	Dual PC video connectors, PC video out, S-video, composite, component (HDTV up to 1080i), BNC plugs (R-G-B-H-V), M1-AD connection, each with their respective dedicated audio inputs
<b>Lamp Type</b>	210-watt UHP	300-watt P-VIP
<b>Computer Compatibility</b>	SXGA+, SXGA, XGA, SVGA, VGA, Mac	VGA-UXGA, Mac
<b>Resizing Of Images To Full Screen</b>	Automatic	Automatic
<b>Detection Of Computer Signal Input</b>	Automatic	Automatic
<b>Image Synchronization</b>	Automatic	Automatic
<b>Remote Control</b>	Wireless, USB mouse function	IR wireless, USB mouse function, laser pointer
<b>Power Supply</b>	Input voltage: 115-240V AC (50/60Hz)	Input voltage: 100-240V (±10%), 50/60 Hz (±3 Hz)
<b>Warranty, Std</b>	vp6310/vp6320: 1 year limited hardware and lamp; vp6310b/vp6320b: 2 year limited hardware and lamp; vp6310c/vp6320c: 3 year limited hardware and lamp	3 year Express Exchange
<b>Dimensions (W × D × H)</b>	11.6 × 10.7 × 4.4 in	17 × 12 × 5.5 in
<b>Weight</b>	7.7 lb	13.4 lb

# HP Digital Projector mp2210

No training required. An intuitively designed mobile projector with best in class image quality.

## Product pointers

- Simple to set up, use and shut down, this lightweight, versatile projector is a perfect companion for mobile professionals who demand quick and easy operation. It comes with a sleek protective sleeve and fits easily into a purse or briefcase.
- Grab audience attention with this professional projector. HP delivers consistent high-quality specs—up to 1500 ANSI (max) lumens, native XGA resolution and a 2000:1 contrast ratio—to create a balance that achieves best-in-class image quality.
- Accepting input from virtually any source—PC, notebook, handheld, DVD, camcorder, VCR or HDTV—this projector enables multiple presentation options. Plus, use it anywhere—a customer's office, a conference room or a family room.
- Get a projector with a smooth, high-tech design that wows the audience from the start. Its sleek design is consistent with the family look of other HP projectors and notebook PCs. It's sure to create a positive impression.

## Ordering information

<b>Model Number</b>	<b>mp2210</b>
<b>Commercial</b>	L1799A
<b>Canada</b>	L1799A (ABA)



HP Digital Projector mp2210

## In the box

- Power cord
- VGA and USB cables
- Carry case and cable bag
- Documentation kit including quick setup card
- Remote control with battery
- User's guide on CD-ROM
- Warranty, support and safety booklets
- Program license agreement

## Shipping weight and shipping dimensions

- mp2210 5.74 lb 15.1 × 6.7 × 10.3 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus next-day express exchange

### HP Care Pack options

- Next Day Exchange: U4802A/E  
3 years

## Additional information

### Sales

- [www.hp.com/go/projector](http://www.hp.com/go/projector)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

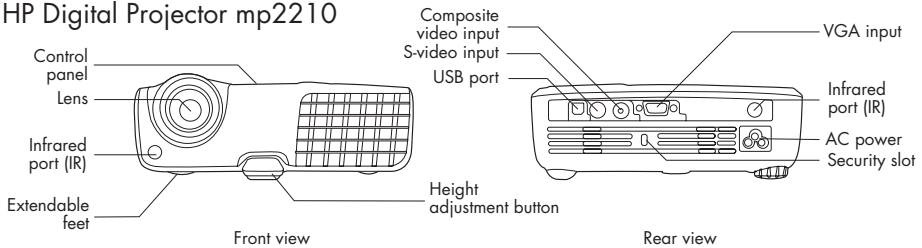
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)

## Model specifications and schematic

- See page 269 for complete specifications.

mp2210	
<b>Product Number</b>	L1799A
<b>ANSI (Max) Lumens</b>	1500
<b>Resolution</b>	1024 x 768 Native XGA
<b>Contrast</b>	2000:1 (full on/off)
<b>Lamp Life</b>	48+ months (usage typical)
<b>Projected Image Size</b>	Adjustable from 31 to 246 in
<b>Display Technology</b>	DLP
<b>Projection Lens</b>	2.7 (wide), ~ 2.88 (tele)
<b>Keystone Correction</b>	±16° (automatic vertical)
<b>Lamp Type</b>	150-watt compact P-VIP
<b>Resizing Of Images To Full Screen</b>	Automatic
<b>Detection Of Computer Signal Input</b>	Automatic
<b>Image Synchronization</b>	Automatic
<b>Remote Control</b>	Page up/down, Mouse, Menu, Sync, Source, Hide, Video/Graphics mode
<b>Power Supply</b>	Universal 100 to 240 VAC, 50/60 Hz
<b>Dimensions (W x D x H)</b>	7.9 x 6.5 x 2.4 in
<b>Connectivity</b>	PC video connector, S-video, composite, component (HDTV up to 1080i)
<b>Computer Compatibility</b>	XGA, SVGA, VGA, Mac, SXGA, SXGA+, WSXGA+, UXGA
<b>Weight</b>	2.4 lb

### HP Digital Projector mp2210



### Supplies and accessories

#### Cables

- RCA to RCA Composite 1.8-Meter L1527A
- S-Video Cable, 1.8-Meter L1635A
- S-Video Cable, 20-ft L1715A

#### Other

- Smart Wireless Remote Control L1586A
- Premium Remote Control with USB Cable L1631A
- SCART to Composite S-Video Adapter L1717A
- Projector Sleeve L1768A
- Accessories Pouch L1767A
- Replacement Lamp Module L1809A
- Deluxe Carry Case L1622A
- 60-inch Mobile Screen L1633A
- 50-inch Presenter Screen L1671A
- Leather Carrying Case L1769A



# HP Digital Projector mp3135

Executive wireless projector with award-winning tower design and PC-free (present from memory) functionality.



HP Digital Projector mp3135

## Product pointers

- Expect outstanding image quality from HP's brightest mobile projector. Industry-leading color science projects ideas clearly with 1800 ANSI (max) lumens and a razor-sharp contrast ratio of 2000:1. XGA resolution (scalable from VGA to SXGA+) creates crisp and sharp detail.
- At just 3.8 lb, the mp3135 is lightweight yet very durable. Armored with a superior magnesium casing, additional protection comes from the high-quality, form-fitting, and heavily-padded carrying case. HP backs it up with 24 x 7 service and support.
- Vertical form factor saves space and rises above table clutter, ensuring a stress-free set up. The optional Smart Attachment Module enables wireless or PC-free presentations.

## Ordering information

Model Number	mp3135	mp3135w <sup>1</sup>
Commercial	L1797A	L1805A
Canada	L1797A (ABA)	L1805A (ABA)

<sup>1</sup>Wireless bundle (L1805A) includes: Digital Projector mp3135 (L1797A), Smart Attachment Module (L1619A) and CompactFlash 802.11b Wireless Card (L1640A).

## In the box

- Lens cap
- 10-ft power cable
- M1-DA/USB cable
- S-video cable
- Component cable
- Audio cable
- Carry case
- Documentation kit including quick setup card
- Remote control with battery
- User's guide on CD-ROM
- Warranty, support and safety booklets
- Program license agreement

## Shipping weight and shipping dimensions

- mp3135 14 lb 17.1 x 17 x 7.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year limited hardware plus next-day express exchange

### HP Care Pack options

- Next Day Exchange:  
3 years

U4802A/E

## Additional information

### Sales

- [www.hp.com/go/projector](http://www.hp.com/go/projector)
- Data Sheet 5983-0763ENUC

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

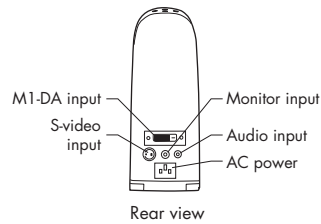
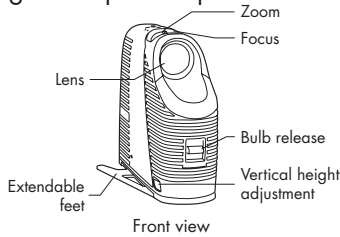
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)

## Model specifications and schematic

• See page 270 for complete specifications and comparisons to other HP Digital Projectors.

mp3135	
<b>Product Number</b>	L1797A
<b>ANSI (Max) Lumens</b>	1800
<b>Resolution</b>	1024 x 768 True XGA
<b>Contrast</b>	2000:1 (full on/off)
<b>Lamp Life</b>	2,000 hours standard (half-life); 4,000 hours economy (half-life)
<b>Projected Image Size</b>	Adjustable from 25 in to 295 in (diagonal)
<b>Display Technology</b>	DLP
<b>Projection Lens</b>	Non-telecentric, 1.2x manual zoom and focus
<b>Keystone Correction</b>	±30° (vertical), ±12° (horizontal)
<b>Lamp Type</b>	180-watt compact P-VIP
<b>Resizing Of Images To Full Screen</b>	Automatic
<b>Detection Of Computer Signal Input</b>	Automatic
<b>Image Synchronization</b>	Automatic
<b>Remote Control</b>	Wireless, USB mouse function, laser pointer
<b>Power Supply</b>	Universal: 100-240V AC, 50/60 Hz with PFC input
<b>Connectivity</b>	PC video connector, S-video, composite, component (HDTV up to 1080i)
<b>Computer Compatibility</b>	XGA, SVGA, VGA, SXGA, SXGA+, Mac
<b>Weight</b>	3.8 lb

### HP Digital Projector mp3130



### Supplies and accessories

#### Cables

- VGA/USB to M1-DA, 1.8-Meter L1514A
- Component/USB to M1-DA, 1.8-Meter L1523A
- DVI/USB to M1-DA, 1.8-Meter L1529A
- M1-DA to SCART, 6-ft L1588A
- Audio Cable, 1.8-Meter, RCA connectors on both ends L1626A

#### Other

- HP Smart Attachment Module L1619A
- Ceiling Mount Connector L1620A
- 180-Watt Compact P-VIP Lamp Module L1621A
- Deluxe Carry Case L1622A
- 60-inch Mobile Screen L1633A
- 802.11b CompactFlash Wireless Card L1640A
- Presenter Screen, 50-inch L1671A

# HP Digital Projector mp3220

The easy to use HP Digital Projector with high mobility and affordability.

## Product pointers

- Easy to transport, set up and operate, this is the mobile solution to rely on. A full array of audio and video inputs allows use of the projector with virtually any source, from a laptop to a PDA or DVD player.
- The ideal mobile projector, combining bright, high-quality images with smooth, easy operation—all at an excellent price.
- Wow clients with 2000 ANSI (max) lumens, true XGA resolution and a contrast ratio of 2000 to 1. Project the brightest, sharpest, clearest image for high-quality presentations in any setting.

## Ordering information

<b>Model Number</b>	<b>mp3220</b>
<b>Commercial</b>	L1675A
<b>Retail</b>	L1675A (ABA)



HP Digital Projector mp3220

## In the box

- Carry case
- Power cord
- Quick setup card
- Remote control with battery
- USB cable
- User's guide on CD-ROM
- VGA cable

## Shipping weight and shipping dimensions

- mp3220 14 lb 17.1 x 17 x 7.7 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 2 year limited hardware (express exchange available)

### HP Care Pack options

- Next Day Exchange:  
3 years

U4802A/E

## Additional information

### Sales

- [www.hp.com/go/projector](http://www.hp.com/go/projector)
- Data Sheet 5982-7387ENUC

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

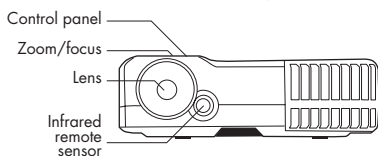
- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)

## Model specifications and schematic

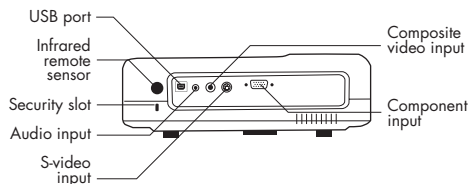
• See page 270 for complete specifications and comparisons to other HP Digital Projectors.

mp3220	
<b>Product Number</b>	<b>L1675A</b>
<b>ANSI (Max) Lumens</b>	2000
<b>Resolution</b>	XGA (1024 × 768)
<b>Contrast</b>	2000:1 (full on/off)
<b>Lamp Life</b>	2,000 hours (standard), 3,000 hours (economy)
<b>Projected Image Size</b>	Adjustable from 24.4 in to 292.5 in (diagonal)
<b>Display Technology</b>	DLP
<b>Projection Lens</b>	f/2.4~2.65; manual zoom; manual focus; digital and optical zoom
<b>Keystone Correction</b>	±16° (32° total)
<b>Connectivity</b>	PC video connector, S-video, composite, component (HDTV up to 1080i)
<b>Lamp Type</b>	200-watt compact P-VIP
<b>Resizing Of Images To Full Screen</b>	Automatic
<b>Detection Of Computer Signal Input</b>	Automatic
<b>Image Synchronization</b>	Automatic
<b>Remote Control</b>	IR wireless, mouse function
<b>Computer Compatibility</b>	VGA-SXGA+, Mac
<b>Power Supply</b>	Universal AC 100–240V, 50/60 Hz
<b>Dimensions (W × D × H)</b>	2.8 × 9.9 × 8.3 in
<b>Weight</b>	3.8 lb

## HP Digital Projector mp3220



Front view



Rear view

## Supplies and accessories

### Cables

- USB Cable, 16-foot L1706A
- S-Video Cable L1635A
- Component (HDTV) VGA Cable, 6-foot L1713A
- Audio Cable, Two-Headed L1532A

### Other

- Deluxe Travel Case L1622A
- Screens:
  - 50-inch Presenter L1671A
  - 60-inch Mobile L1633A
- Ceiling Mount L1703A
- Lamp Module L1720A
- Remote, Smart Wireless (IR) L1586A

# HP Digital Projector vp6310, vp6310b, vp6310c, vp6320, vp6320b and vp6320c

Simple, cost-effective projector with best in class warranties for the classroom or conference room.

## Product pointers

- This affordable, reliable series delivers incredible value to the classroom or conference room. With an attractive purchase price and ultra-low total cost of ownership, this series offers cost-effective replacement lamps and superior lamp warranties.
- Get performance that lasts longer than most projectors. Best in class standard hardware and lamp warranties up to 3 years and 4,000-hour lamp life give you a product that won't blindsides you with hidden replacement costs.
- Whether presenting every day or a few times a month, this series is easy to use and operate in any location. And it can easily connect to anything from a computer to a PDA, DVD, TV or VCR.
- Use this series to impress the audience. Up to 2000 ANSI (max) lumens (vp6320 model) ensure bright images, even in a well-lit room. Up to 2500:1 contrast ratio produces sharp detail. Choose XGA (1024 × 768) or SVGA (800 × 600) resolution to meet specific needs.
- Make sure audiences can hear the presentation clearly without the operating noise of the projector interfering. With operating noise as low as 34 dB(A) in lamp-saving mode, viewers in any size office or room can enjoy presentations without straining to hear them.

## Ordering information

Model Number	vp6310	vp6310b* vp6310c	vp6320	vp6320b* vp6320c
Commercial	L1686A	L2314A/ L2315A	L1687A	L2317A/ L2318A
Retail	L1686A	L2314A/ L2315A	L1687A	L2317A/ L2318A
Canada	L1686A (ABA)	L2314A (ABA)/ L2315A (ABA)	L1687A (ABA)	L2317A (ABA)/ L2318A (ABA)

**Note:** Standard warranty differs across models; please go to the warranty and support section, standard warranty listing for complete information.



HP Digital Projector vp6310/vp6320

## In the box

- Power cable
- VGA cable
- Wireless remote control
- User's guide on CD-ROM
- Quick start card
- Warranty card

## Shipping weight and shipping dimensions

- vp6310/vp6310b/vp6310c:  
12.3 lb 18 × 10.7 × 17.9 in
- vp6320/vp6320b/vp6320c:  
12.3 lb 18 × 10.7 × 17.9 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- vp6310/vp6320: 1 year limited hardware and lamp; vp6310b/vp6320b: 2 year limited hardware and lamp; vp6310c/vp6320c: 3 year limited hardware and lamp

### HP Care Pack options

- Next Day Exchange:  
3 years

U4802A/E

## Additional information

### Sales

- [www.hp.com/go/projector](http://www.hp.com/go/projector)
- Data Sheet 5983-0697ENUC

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)
- Reseller
- <http://hp.com/partners/us>

### Service

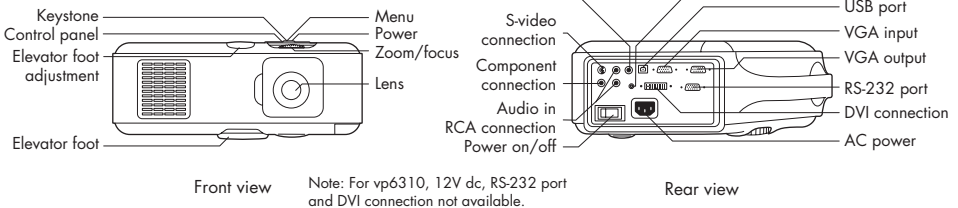
- [www.hp.com/support.digitalprojectors](http://www.hp.com/support.digitalprojectors)

## Model specifications and schematic

- Shaded rows indicate variations between models.
- See page 271 for complete specifications and comparisons to other HP Digital Projectors.

	vp6310 • vp6310b • vp6310c	vp6320 • vp6320b • vp6320c
Product Number	L1686A • L2314A • L2315A	L1687A • L2317A • L2318A
Warranty, Std	vp6310: 1 year limited hardware and lamp; vp6310b: 2 year limited hardware and lamp; vp6310c: 3 year limited hardware and lamp	vp6320: 1 year limited hardware and lamp; vp6320b: 2 year limited hardware and lamp; vp6320c: 3 year limited hardware and lamp
ANSI (Max) Lumens	1600	2000
Resolution	SVGA (800 × 600)	XGA (1024 × 768)
Contrast	2000:1 (JBMMMA full on/off)	2500:1 (JBMMMA full on/off)
Lamp Life	4,000 hours (standard mode)	4,000 hours (standard mode)
Projected Image Size	Adjustable from 37 in to 110 in	Adjustable from 37 in to 110 in
Display Technology	Texas Instruments DLP	Texas Instruments DLP
Projection Lens	f/2.4 max optical zoom, manual focus	f/2.4 max optical zoom, manual focus
Keystone Correction	±20° (vertical)	±20° (vertical)
Lamp Type	210-watt UHP	210-watt UHP
Resizing Of Images To Full Screen	Automatic	Automatic
Detection Of Computer Signal Input	Automatic	Automatic
Image Synchronization	Automatic	Automatic
Remote Control	Wireless, USB mouse function	Wireless, USB mouse function
Power Supply	Input voltage 115-240V AC (50/60Hz)	Input voltage 115-240V AC (50/60Hz)
Dimensions (W × D × H)	11.6 × 10.7 × 4.4 in	11.6 × 10.7 × 4.4 in
Connectivity	PC video connector, S-video, composite, component (HDTV up to 1080i)	PC video connector, S-video, composite, component (HDTV up to 1080i), DVI-D (with HDCP)
Computer Compatibility	SXGA+, SXGA, XGA, SVGA,VGA, Mac	SXGA+, SXGA, XGA, SVGA,VGA, Mac
Weight	7.7 lb	7.7 lb

### HP Digital Projector vp6310/vp6320 (vp6320 shown)



## Supplies and accessories

### Cables

- 1.8-Meter RCA to RCA Composite Cable L1527A
- Audio Cable, Two-Headed L1532A
- 1.8-Meter VGA Cable L1625A
- 1.8-Meter S-Video Cable L1635A
- 1.8-Meter USB A/B Cable L1661A

### Other

- Carrying Case L1696A
- Screens:
  - 50-inch Presenter L1671A
  - 60-inch Mobile L1633A
- Ceiling Mount L1703A
- Lamp Module L1695A
- SCART to Composite S-Video Adapter L1717A
- Remote, Smart Wireless (IR) L1586A

# HP Digital Projector xp8020

Easy to use, high-quality HP projectors, perfect for the conference room.

## Product pointers

- Dual color wheel and advanced color algorithms deliver color fidelity. Optical zoom on a variety of lenses enables the projector to fit in a variety of room sizes. Up to 3100 lumens ensure bright, colorful projections. Nearly silent operation means no one struggles to hear or be heard, especially with the stereo 5-watt speakers.
- Standard network connection and embedded web server provide remote projector management from any PC on the network.
- The Advanced Connectivity Module provides effortless wireless connections and presentations from wired network connections, as well as present from memory device options that make PC-less presentations possible.

## Ordering information

<b>Model Number</b>	<b>xp8020</b>
<b>Commercial</b>	<b>L1576A</b>



HP Digital Projector xp8020

## In the box

- Two batteries
- Hanging lens cap
- User's guide on CD-ROM
- Quick start card
- VGA cable
- Power cord
- Wireless remote control
- Warranty card

## Shipping weight and shipping dimensions

- xp8020 20.5 lb 23 x 18 x 17 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 3 year Express Exchange

### HP Care Pack options

- Next Day Exchange: 3 years U4802A/E

## Additional information

### Sales

- [www.hp.com/go/projector](http://www.hp.com/go/projector)
- Data Sheet 5982-1149ENUC
- Advanced Connectivity Module Data Sheet 5982-7425ENUC

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)
- Reseller
- <http://hp.com/partners/us>

### Service

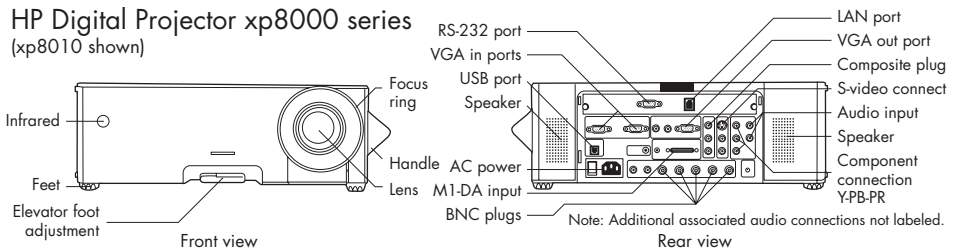
- [www.hp.com/support.digitalprojectors](http://www.hp.com/support.digitalprojectors)

## Model specifications and schematic

- See page 271 for complete specifications and comparisons to other HP Digital Projectors.

xp8020	
<b>Product Number</b>	L1576A
<b>ANSI (Max) Lumens</b>	3100
<b>Resolution</b>	XGA (1024 × 768)
<b>Contrast</b>	1000:1 (full on/off)
<b>Lamp Life</b>	2,000 hours (standard), 3,000 hours (economy)
<b>Projected Image Size</b>	Approximately 31 to 347 in
<b>Display Technology</b>	Texas Instruments DLP
<b>Projection Lens</b>	f/2.0 ~ 2.4; f=28.6 ~ 34.3 mm; 1.2× manual zoom; optional f/1.67 ~ 2.0 and f/2.4 ~ 2.88
<b>Keystone Correction</b>	Horizontal: ±17° (34° total), vertical: ±40° (80° total)
<b>Connectivity</b>	Dual PC video connectors, PC video out, S-video composite, component (HDTV up to 1080i), BNC plugs (R-G-B+V), M1-AD connection, each with their respective dedicated audio inputs
<b>Lamp Type</b>	300-watt P-VIP
<b>Computer Compatibility</b>	VGA-UXGA, Mac
<b>Resizing Of Images To Full Screen</b>	Automatic
<b>Detection Of Computer Signal Input</b>	Automatic
<b>Image Synchronization</b>	Automatic
<b>Remote Control</b>	IR wireless, USB mouse function, laser pointer
<b>Power Supply</b>	Input voltage 100–240V (±10%), 50/60 Hz (±3 Hz)
<b>Dimensions (W × D × H)</b>	17 × 12 × 5.5 in
<b>Weight</b>	13.4 lb

### HP Digital Projector xp8000 series (xp8010 shown)



## Supplies and accessories

### Cables

- VGA/USB to M1-DA, 6-ft L1514A
- M1-DA to DVI/USB, 6-ft L1529A
- M1-DA to SCART, 6-ft L1588A
- M1-DA to BNC, 6-ft L1589A

### Other

- Lens Ultra Wide Angle 1.67:1 to 2.0:1 L1578A
- Lens Long Throw 2.4:1 to 2.88:1 L1580A
- Advanced Connectivity Module L1581A
- Compact P-VIP Lamp Module: 300-Watt L1583A
- Soft Carry Case L1584A
- Hard Carry Case L1585A
- Ceiling Mount L1590A
- 802.11b CompactFlash Wireless Card (Requires L1581A) L1640A
- Cable Extended IR Receiver L1642A
- Gyration Ultra Pro Suite L1645A
- Gyration RF Remote Control L1646A



# HP Digital Sender 9200c

Share, archive and integrate paper documents into electronic workflows with a dedicated digital sending device.

## Product pointers

- Improve processing time and efficiency and reduce costs by easily integrating important paper documents into business workflows with scan to e-mail, printer, folder and scan to LAN fax functionality.
- Route documents to multiple predefined locations with the simple-to-use custom menu keys on the intuitive control panel. Optical Character Recognition (OCR) software converts files to a multitude of common file types.
- Transfer information from the HP 9200c Digital Sender to a secure folder using the secure send key. Authentication verifies the sender's identity, encryption protects files from outside access and a final safeguard erases the device hard drive.
- The administration module easily allows you to maintain one or multiple digital senders from a centralized server.

## Ordering information

<b>Model Number</b>	<b>9200c</b>
<b>Commercial</b>	Q5916A
<b>Canada</b>	Q5916A (ABC)

## Compatibility

<b>Operating System</b>	<b>9200c</b>
<b>Standard Desktop</b>	
Windows 9x	•
Windows NT	•
Windows 2000	•
Windows XP	•
<b>Standard Network</b>	
Windows NT	•
NetWare	•
Other	OS/2



HP Digital Sender 9200c

## In the box

- Power cord

## Software

- HP DSS 4.0

## Shipping weight and shipping dimensions

- 9200c 60 lb 23 x 20 x 28 in

## Warranty and support

See pages 308–313 for complete information.

### Standard warranty

- 1 year onsite

### HP Care Pack options

- Next Business Day Response: 3 years H4659E
- Post Warranty Service, Next Business Day Response: 1 year H4660PE

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-7990ENUC

### Service

- Firmware upgrades: [www.hp.com](http://www.hp.com)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Supplies and accessories

- [www.hp.com](http://www.hp.com)

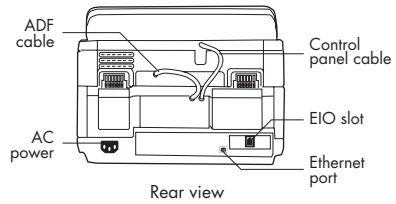
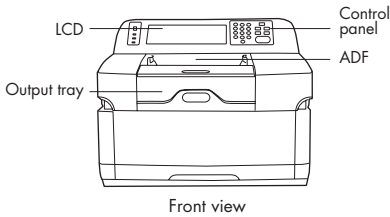
### Reseller

- <http://hp.com/partners/us>

## Model specifications and schematic

	<b>9200c</b>
<b>Product Number</b>	<b>Q5916A</b>
<b>Duty Cycle, Monthly</b>	60,000 pages per month
<b>Connectivity, Std</b>	1 Ethernet 10/100Base-TX, 1 open EIO slot
<b>Connectivity, Opt</b>	None
<b>Scan Speed</b>	Up to 47 ppm black, up to 30 ppm color
<b>ADF Capacity</b>	50 pages
<b>File Formats</b>	PDF, RTF, HTM, TXT, XML
<b>File Settings</b>	PDF, RTF, HTM, TXT, XML
<b>Document Sizes Accepted</b>	Executive, letter, legal
<b>Supported Network Fax Servers</b>	Any Way, AccPac, Biscom, Captaris, Castelle, Cycos-mrs, Esker, FAXSys, Intercope, Fenestrae, GFI, Gold Fax, Imecom, Interstar, Omtool, RedRock, RTEFax, Tobit, Topcall, Zetafax, NET SatisfAXtion
<b>Supported Internet Fax Providers</b>	Any Way, AccPac, Biscom, Captaris, Castelle, Cycos-mrs, Esker, FAXSys, Intercope, Fenestrae, GFI, Gold Fax, Imecom, Interstar, Omtool, RedRock, RTEFax, Tobit, Topcall, Zetafax, NET SatisfAXtion
<b>Configuration Requirements, Min</b>	TCP/IP network with SMTP e-mail server
<b>Client Operating System Requirements</b>	Pentium processor, VGA or SVGA monitor, Windows (98, NT, 2000, XP)
<b>Administrator System Requirements</b>	Pentium processor, VGA or SVGA monitor, Windows (98, NT, 2000, XP)
<b>Control Panel: Keyboard</b>	Virtual QWERTY keyboard plus graphical symbols
<b>Dimensions (W x D x H)</b>	18 x 23 x 13 in
<b>Weight</b>	50 lb

### HP Digital Sender 9200c



### Supplies and accessories

#### HP digital sending software

- HP Digital Sending Software 4.0 T1936AA

#### Other

- HP AutoStore, Software and One Device License T1934AA

# HP Jetdirect Solutions

# HP Jetdirect Connectivity Card

HP's simple solution for USB, serial and LocalTalk connectivity in non-networked environments.

## Product pointers

- Simple solution for USB, serial and LocalTalk connectivity in non-networked environments.
- Allows multiple PC connections to one printer quickly and easily, without any loss in performance.
- Delivers an inexpensive, non-networked connectivity alternative for HP EIO-based printers.
- HP offers print job buffering, which allows multiple printer connections without loss in performance.

## Ordering information

Model Number	Connectivity Card
Commercial	J4135A

## Printer compatibility

Product Number	Connectivity Card
Product Number	J4135A
<b>HP LaserJet Printers:<sup>1</sup></b>	
2300 Series <sup>2</sup> •4100mfp• 4101mfp•4200 Series <sup>2</sup> • 4250 Series•4300 Series <sup>2</sup> • 4345mfp Series•4350 Series• 5100 Series•8150 Series• 9000 Series <sup>2</sup> •9050 Series• 9055mfp•9065mfp• Color 3700 Series• Color 4600 Series <sup>2</sup> • Color 5500 Series <sup>2</sup> • Color 5550 Series• Color 9500 Series	•
<b>HP Business Inkjet Printers:</b>	
2300 Series	•

<sup>1</sup>Firmware version must be greater than A.00.11 for all supported printers.

<sup>2</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

## Model specifications

Product Number	Connectivity Card		
Product Number	J4135A		
Ports	1 USB, 1 serial, 1 LocalTalk		
Print Job Buffering	Yes		
EIO Compatible	Yes		
NOS Supported:	USB	Serial	LocalTalk
Windows 95	—	•	—
Windows 98	•	•	—
Windows 2000	•	•	—
Windows NT	—	•	—
Macintosh System 7.51 Or Later	—	—	•
Mac OS 9.22, 10.2 Or Later	•	—	—
Other Serial Connections, UNIX, Or HP 3000 Systems	—	•	—

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Technical Data Sheet  
5968-6488EUC

### Service

- [www.hp.com](http://www.hp.com)
- HP Support Services:  
[www.outputmanagement.hp.com](http://www.outputmanagement.hp.com)
- HP Training: [www.hp.com/education](http://www.hp.com/education)

### Reseller

- <http://hp.com/partners/us>



HP Jetdirect Connectivity Card

## In the box

- User's guide

## Software

- Installation (supports USB connection)

## Shipping weight and shipping dimensions

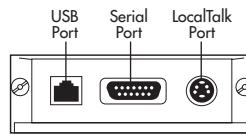
- Connectivity Card 13.4 oz 8.75 x 6 x 2.5 in

## Supplies and accessories

### Cables

- USB cable, 2-meter C6518A
- LocalTalk cable, 2-meter 92215N

## Port configurations



HP Jetdirect connectivity card

# HP Jetdirect Wireless Print Servers

An easy and cost-effective way to wirelessly share a printer for home users or businesses.



HP Jetdirect ew2400

## Product pointers

- Enables flexible office layouts, for an ideal solution in dynamic environments. Reduces the time and expense of installing network cabling.
- Easy installation, configuration and management of HP peripherals for simple wireless connectivity.
- Compatible with most office environments and Wi-Fi certified to work reliably with 802.11b/g wireless LAN products from other leading vendors.
- Industry-leading wireless security with support for authentication and dynamic encryption keys.

## Ordering information

Model Number	ew2400	280m	380x
Commercial	J7951A	J6044A	J6061A

## Printer compatibility

	ew2400	280m	380x
<b>Product Number</b>	J7951A	J6044A	J6061A
<b>HP Deskjet Printers:</b>			
5150 <sup>1</sup> •5650•6122•9650 <sup>1</sup>	•	—	•
6127•6540 Series•995ck <sup>1</sup> •9300 <sup>1</sup> •9600 Series <sup>1</sup>	—	—	•
<b>HP Business Inkjet Printers:</b>			
cp1700 Series <sup>1</sup> •1100 Series <sup>1</sup>	•	•	•
1000•1200 Series	•	—	•
2300/2600 <sup>1,2</sup> /2800/3000 Series	•	—	•
<b>HP LaserJet Printers:</b>			
1150 <sup>1</sup> •1160•1220 <sup>1</sup> •1022/1320 Series•3030•Color 2550/3500/3550 Series	•	—	•
1300 Series <sup>1</sup>	•	•	•
2800 Series	•	—	—
3015•3020•3380	—	—	•
4100mfp•4101mfp•4200 <sup>1</sup> /4300 <sup>1</sup> /4345mfp/5100/8150/9000 <sup>1</sup> /9050 Series•9040mfp•9050mfp•9055mfp•9065mfp•Color 5500 <sup>1</sup> /9500 Series•Color 8550mfp	—	—	—
2300 <sup>1</sup> /2400 <sup>1</sup> /4250/4350 Series•Color 3700/4650 Series•Color 9500mfp	•	—	•
Color 5550 Series	•	—	—
<b>HP Designjet Printers:</b>			
500/800/4000/5500 Series•1050c Plus •1055cm Plus	—	—	—
70•90/110plus Series	—	—	•
100plus <sup>1</sup> •30/130 Series	—	—	•
<b>HP Officejet Products:<sup>3</sup></b>			
6110 <sup>1</sup>	—	—	•
7110 <sup>1</sup> •7130 <sup>1</sup> •7140xi <sup>1</sup>	—	• <sup>4</sup>	•
9110•9120•9130	—	—	•
<b>HP Photosmart Products:</b>			
7660 <sup>1</sup> •7760•7960 <sup>1</sup> •8450•8750	•	—	•

<sup>1</sup>This product is included from a previous edition of the IRG.

<sup>2</sup>Windows-only networking.

<sup>3</sup>Printing only.

<sup>4</sup>Does not support NetWare.

## In the box

### All models:

- Setup documentation
- Installation software on CD-ROM
- ew2400 only:**
- LAN/Ethernet cable
- ew2400, 380x only:**
- Power supply
- USB cable

## Software

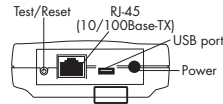
### All models:

- HP Install Network Printer Wizard (installation)
- HP Web Jetadmin (installation and management)
- HP Jetdirect Wireless Setup Wizard (installation)
- ew2400 only:**
- HP Wireless Jetdirect Assistant for Mac OS

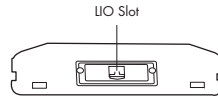
## Shipping weight and shipping dimensions

• ew2400	2.2 lb	9.8 x 5.1 x 3 in
• 280m	0.91 lb	8.8 x 6 x 2.25 in
• 380x	1.5 lb	9.8 x 5.2 x 3 in

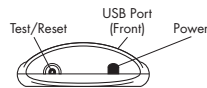
## Port configurations



HP Jetdirect ew2400



HP Jetdirect 280m



HP Jetdirect 380x

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet
- ew2400: 5982-7289ENUC;
- 280m: 5981-1008ENUC;
- 380x: 5980-9021ENUC;
- 680n: 5980-9022ENUC

### Service

- [www.hp.com](http://www.hp.com)
- HP Support Services: [www.outputmanagement.hp.com](http://www.outputmanagement.hp.com)

### Reseller

- <http://hp.com/partners/us>

## Model specifications

	ew2400	280m • 380x
<b>Product Number</b>	J7951A	J6044A • J6061A
<b>Network Types</b>	802.11g/802.11b wireless Ethernet and Fast Ethernet	Wireless, 802.11b
<b>Printer Server Type</b>	External	J6044A: Internal; J6061A: external
<b>Printer Support</b>	RJ-45 port, 1 USB	J6044A: HP LIO-based; J6061A: 1 USB
<b>MFP Support</b>	Yes	Yes
<b>Embedded Web Server</b>	Yes	Yes
<b>Upgradeable</b>	No	Yes
<b>Security</b>	Good	Best
<b>IPP Support</b>	No	Yes
<b>Warranty</b>	1 year limited hardware, 90-day (software) on HP Jetdirect CD-ROM	J6044A: 1 year limited; J6061A: 3 year return to HP
<b>Compatible Network Operating Systems and Protocols</b>		
<b>TCP/IP</b>		
<b>IP Direct Mode</b>	Windows 98, Me, NT 4.0 <sup>2</sup> , 2000, XP, XP 64-Bit, Server 2003; Mac OS 8.6 and later; Citrix MetaFrame; Windows Terminal Services	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NDPS; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later <sup>3</sup> ; MPE-iX
<b>LPD (Line Printer Daemon)<sup>4</sup></b>	Windows 98, Me, NT 4.0 <sup>2</sup> , 2000, XP, XP 64-Bit, Server 2003; Mac OS 8.6 and later; Citrix MetaFrame; Windows Terminal Services	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6; Apple Mac OS 8.6 and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8; SunOS 4.1.x; IBM AIX 3.2.5 and later; SCO UnixWare 7.x, OpenServer 5.x; SGI IRIX 6.x; Digital UNIX 4.x; IBM OS/2 Warp 4.x; any RFC1179-compliant system
<b>FTP Printing<sup>4</sup></b>	—	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Mac OS 8.6 and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8; SunOS 4.1.x; IBM AIX 3.2.5 and later; SCO UnixWare 7.x, OpenServer 5.x; SGI IRIX 6.x; Digital UNIX 4.x; IBM OS/2 Warp 4.x
<b>IPP</b>	—	Windows NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6
<b>IPX/SPX</b>		
	Windows 98, Me, NT 4.0 <sup>2</sup> , 2000, XP, XP 64-Bit, Server 2003; Mac OS 8.6 and later; Citrix MetaFrame; Windows Terminal Services	Novell NetWare 3.2, 4.2, 5.x, 6, NDPS; Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003
<b>DLC/LLC</b>		
	—	Windows NT 4.0 <sup>3</sup>
<b>AppleTalk</b>		
	Mac OS 8.6 and later	Mac OS 8.6 and later
<b>Advanced Security</b>		
	Wireless security: WPA-Personal (WPA-PSK), WEP encryption keys (40/64 and 128 bit); management security: SSL, administrator password	Management security: SNMP v3, SSL/TLS (HTTPS); Wireless network security: WEP encryption (40/64- and 128-bit); 802.1x authentication (EAP-PEAP, LEAP, EAP-TTLS, EAP-TLS, EAP-MD5) with RADIUS servers; EAP-PSK, WPA (WiFi Protected Access)
<b>Other Network Protocols Supported</b>		
	Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP, Auto-IP, Apple Rendezvous compatible (Mac OS X 10.2.6 and later)	NDS, Bindery, NCP, Telnet, SLP, IGMP, NDPS, iPrint; BOOTP/DHCP, WINS, SNMP v1 & v2c, HTTP; MDNS (Apple Rendezvous support, Mac OS 10.2.6 and higher), AutoIP

<sup>1</sup>Once installed in the printer, assumes the same warranty as the printer.

<sup>2</sup>Wireless configuration from Windows NT 4.0 not supported.

<sup>3</sup>Requires software from the NOS vendor.

<sup>4</sup>May require software from the NOS vendor or third-party vendor.

New!

# HP Jetdirect Internal Print Servers

Network and Internet connectivity for all EIO-based HP peripherals to Gigabit Ethernet (625n), Fast Ethernet and Ethernet environments for optimum productivity and maximum user access.



HP Jetdirect 635n

## Product pointers

- Industry-leading throughput up to 6.5 MBps (625n model).
- Compatible with HP printers with an EIO slot.
- HP's solution for Internet Printing Protocol (IPP), enabling quality printing over the Internet or an intranet.
- Embedded web server for status and configuration using a web browser.
- HP Web Jetadmin network peripheral management software and simple device installation via HP Install Network Printer Wizard.
- Multiprotocol support for any network.
- Share printing over your network with one of the first gigabit EIO print servers to support IPv6, IPv4 and IPsec. Rely on advanced authentication and encryption, with data transmission at gigabit speeds up to 1,000 Mb/sec (635n).

## In the box

- Setup documentation
- Installation software on CD-ROM

## Software

- HP Install Network Printer Wizard (installation)
- HP Web Jetadmin (installation and management)

## Shipping weight and shipping dimensions

• 620n	0.43 lb	8.8 × 6 × 2.3 in
• 625n	0.43 lb	8.8 × 6 × 2.3 in
• 635n	0.43 lb	8.8 × 6 × 2.3 in

## Ordering information

Model Number	620n	625n	635n
Commercial	J7934A	J7960A	J7961A

## Printer compatibility

	620n	625n	635n
<b>Product Number</b>	J7934A	J7960A	J7961A
<b>HP LaserJet Printers and All-in-Ones:</b>			
2300 Series <sup>1</sup> •2400 Series• 4100mfp•4101mfp• 4200 Series <sup>1</sup> •4250 Series• 4345mfp Series•4300 Series <sup>1</sup> • 4350 Series•5100 Series• 8150 Series•9000 Series <sup>1</sup> • 9040mfp•9050mfp• 9050 Series•9055mfp• 9065mfp	•	•	•
<b>HP Color LaserJet Printers:</b>			
3700 Series•4650 Series• 5500 Series <sup>1</sup> •5550 Series 8550mfp <sup>1</sup> •9500 Series• 9500mfp	•	•	•
<b>HP Business Inkjet Printers:</b>			
2300 Series•2600 Series <sup>1</sup> • 2800 Series•3000 Series	•	•	•
<b>HP DesignJet Printers:</b>			
30 Series•500 Series• 800 Series•1050c Plus• 1055cm Plus•5500 Series• 815mfp	•	•	•
70•90 Series• 100plus <sup>1</sup> • 110plus Series•130 Series• 4000 Series	•	—	—
<b>HP Officejet Products:</b>			
9100 Series	•	•	•
<b>HP Digital Sender Products:</b>			
9200c	•	•	•
<b>Other HP Printers:</b>	For information visit <a href="http://www.hp.com">www.hp.com</a>	For information visit <a href="http://www.hp.com">www.hp.com</a>	For information visit <a href="http://www.hp.com">www.hp.com</a>

<sup>1</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Technical Data Sheet  
620n: 5982-3555ENUC;  
625n: 5982-8340ENUC

### Service

- [www.hp.com](http://www.hp.com)
- HP Support Services:  
[www.outputmanagement.hp.com](http://www.outputmanagement.hp.com)
- HP Training: [www.hp.com/education](http://www.hp.com/education)

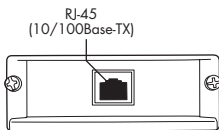
### Reseller

- <http://hp.com/partners/us>

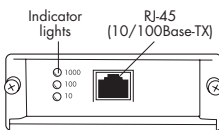
## Model specifications

	620n	625n	635n
<b>Product Number</b>	<b>J7934A</b>	<b>J7960A</b>	<b>J7961A</b>
<b>Network Types</b>	Fast Ethernet, Ethernet 802.3	Gigabit Ethernet, Fast Ethernet, Ethernet 802.3	Gigabit Ethernet, Fast Ethernet, Ethernet 802.3
<b>Ports</b>	RJ-45 (10/100Base-TX)	RJ-45 (10/100Base-TX)	RJ-45 (10/100Base-TX)
<b>Printer Support</b>	HP EIO-based	HP EIO-based	HP EIO-based
<b>Throughput Speed</b>	Up to 6 MBps	Up to 6.5 MBps	Up to 1,000 MBps
<b>Embedded Web Server</b>	Yes	Yes	Yes
<b>Upgradeable</b>	Yes	Yes	Yes
<b>Security</b>	Best	Best	Best
<b>Performance</b>	Best	Best	Best
<b>IPP Support</b>	Yes	Yes	Yes
<b>Warranty</b>	1 year limited return to HP	1 year limited return to HP	1 year limited return to HP
<b>COMPATIBLE NETWORK OPERATING SYSTEMS AND PROTOCOLS</b>			
<b>TCP/IP</b>			
<b>IP Direct Mode</b>	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 3.2, 4.2, 5.x, 6.x (NDPS); Apple Mac OS 8.6 and later; Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX; Citrix Metaframe; Windows Terminal Services		
<b>LPD (Line Printer Daemon)</b>	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6.x (NDPS); Mac OS 8.6 and later; Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX; Citrix Metaframe; Windows Terminal Services		
<b>FTP Printing</b>	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6.x (NDPS); Mac OS 8.6 and later; Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX; Citrix Metaframe; Windows Terminal Services		
<b>IPP</b>	Windows NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6.x		
<b>IPX/SPX</b>	Windows NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6.x		
<b>DLC/LLC</b>	Windows NT 4.0	Windows NT 4.0	Windows NT 4.0
<b>AppleTalk</b>	Mac OS 8.6 and later	Mac OS 8.6 and later	Mac OS 8.6 and later
<b>Advanced Security</b>	Secure configuration and management based on industry standards including SNMP v3, SSL/TLS (HTTPS), and 802.1x authentication		
<b>Other Network Protocols Supported</b>	Auto-IP, Apple Rendezvous compatible, NDS, Bindery, NCP, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP v 1 and v 2c, HTTP		

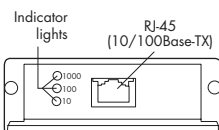
## Port configurations



HP Jetdirect 620n (EIO) (J7934A)



HP Jetdirect 625n (EIO) (J7960A)



HP Jetdirect 635n IPv6/IP sec internal print server (J7961A)



# HP Jetdirect External Print Servers

Network and Internet connectivity for up to 3 network-capable printers to Fast Ethernet and Ethernet environments for simple, reliable network printing.

## Product pointers

- A variety of print servers to connect network-capable peripherals with USB and parallel ports.
- HP Web Jetadmin network peripheral management software and available security features.
- Embedded web server for browser status and configuration.
- Supports Internet Printing Protocol (IPP) for printing over the Internet or an intranet (except 175x, 170x).
- Network scanning for selected HP all-in-one peripherals (except GDI or host-based printers).

## Ordering information

Model Number	175x	en3700	300x	500x	170x
Commercial	J6035D	J7942A	J3263A J4101B <sup>1</sup> J3296A <sup>2</sup>	J3265A	J3258C J4102C <sup>1</sup>

<sup>1</sup>HP Jetdirect OfficeConnect model, designed to integrate into 3Com's OfficeConnect family of small-business networking products.

<sup>2</sup>3-pack. Not for sale in the Province of Quebec, Canada.

## Printer compatibility

Product Number	175x	en3700	300x	500x	170x
<b>HP Deskjet Printers:</b>					
995c <sup>1</sup> •5150 <sup>1</sup> •5650•6122• 9300 <sup>1</sup> •9600 <sup>1</sup> /9800 Series	•	•	•	•	•
6540 Series	•	•	—	—	—
<b>HP Business Inkjet Printers:</b>					
1000	•	•	—	—	—
1100 Series <sup>1</sup> •1200 Series• cp1700 Series <sup>1</sup> •2300/2600 <sup>1</sup> / 2800/3000 Series	•	•	•	•	•
<b>HP LaserJet Printers:</b>					
1022/3500/3550/4200 <sup>1</sup> / 4300 <sup>1</sup> /5500 <sup>1</sup> Series	•	•	—	—	—
2800 Series	—	•	—	—	—
4100mp/4345mp/5100/8150/ 9000 <sup>1</sup> /9040mp/9050mp/ 9500mp/9500 Series	—	—	•	•	•
1150 <sup>1</sup> •1160•1220 <sup>1</sup> •1300 <sup>1</sup> •1320/ 2300 <sup>1</sup> /2400 <sup>1</sup> /2550/3700/4250/ 4350/4650/5550/9050 Series• 3015• 3020•3030•3380	•	•	•	•	•
<b>HP Designjet Printers:</b>					
70	•	•	—	—	—
430/5500 Series	—	—	•	•	•
1050c Plus•1055cm Plus	—	—	•	•	•
110plus/30 <sup>2</sup> /130/500/ 800 Series <sup>2</sup>	•	•	•	•	•
<b>HP Officejet and PSC Products:</b>					
PSC 2410 <sup>1,3</sup>	•	—	•	•	•
6110 <sup>1,3</sup> •7110 <sup>1</sup> •7130 <sup>1</sup> •7140xa <sup>1</sup>	•	•	•	•	•
9100 Series	•	•	•	•	•
<b>HP Photosmart Products:</b>					
7660 <sup>1</sup> •7960 <sup>1</sup> •8450•8750	•	•	•	•	•
7760	•	•	—	—	—

<sup>1</sup>This product is included from a previous edition of the IRG.

<sup>2</sup>Supports PML only with internal jetdirect cards.

<sup>3</sup>Printing support only.

## Additional information

### Sales

- www.hp.com
- Technical Data Sheet  
175x: 5980-4714ENUC;  
en3700: 5982-2280ENUC;  
300x: 5968-8237EUC

500x: 5968-8236EUC;  
170x: 5968-6486EUC

### Service

- www.hp.com
- HP Support Services:  
www.outputmanagement.hp.com
- HP Training: www.hp.com/education



HP Jetdirect en3700

## In the box

- Setup documentation
- Installation software on CD-ROM
- Power module
- USB cable (175x and en3700 only)

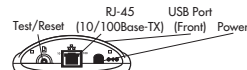
## Software

- HP Install Network Printer Wizard (installation)
- HP Web Jetadmin (installation and management)

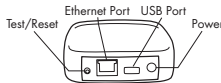
## Shipping weight and shipping dimensions

- |          |         |                       |
|----------|---------|-----------------------|
| • 175x   | 1.4 lb  | 9 × 3 × 5 in          |
| • en3700 | 2.18 lb | 9.8 × 5.04 × 2.95 in  |
| • 300x   | 2.75 lb | 11.25 × 6.25 × 4.5 in |
| • 500x   | 3.5 lb  | 16.15 × 6.6 × 3.3 in  |
| • 170x   | 2.75 lb | 11.25 × 6.25 × 4.5 in |

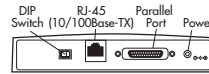
## Port configurations



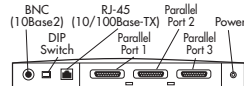
HP Jetdirect 175x (J6035D)



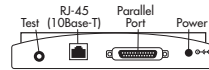
HP Jetdirect en3700 (J7942A)



HP Jetdirect 300x (J3263A)



HP Jetdirect 500x (J3265A)



HP Jetdirect 170x (J3258C)

## Model specifications

	175x	en3700	300x	500x	170x
<b>Product Number</b>	<b>J6035D</b>	<b>J7942A</b>	<b>J3263A</b>	<b>J3265A</b>	<b>J3258C</b>
<b>Network Types</b>	Fast Ethernet, Ethernet 802.3	Fast Ethernet, Ethernet 802.3	Fast Ethernet, Ethernet 802.3	Fast Ethernet, Ethernet 802.3	Ethernet 802.3
<b>Ports</b>	RJ-45 (10/100Base-TX)	RJ-45 (10/100Base-TX)	RJ-45 (10/100Base-TX)	RJ-45 (10/100Base-TX), BNC (10Base-2)	RJ-45 (10Base-T)
<b>Printer Support</b>	1 USB	1 USB	1 parallel	3 parallel	1 parallel
<b>Embedded Web Server</b>	Yes	Yes	Yes	Yes	Yes
<b>Upgradeable</b>	No	Yes	Yes	Yes	No
<b>Security</b>	Good	Best	Good	Good	Good
<b>IPP Support</b>	No	Yes	Yes	Yes	No
<b>Warranty</b>	1 year return to HP	3 year return to HP	3 year return to HP	3 year return to HP	1 year return to HP
<b>Compatible Network Operating Systems and Protocols:</b>					
<b>TCP/IP</b>					
<b>IP Direct Mode</b>	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NDPS; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later <sup>1</sup> ; MPE-iX			Windows 98, Me, NT 4.0, 2000, Server 2003; Novell NDPS
<b>LPD (Line Printer Daemon)<sup>2</sup></b>	—	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6; Mac OS 8.6 and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8; SunOS 4.1.x; IBM AIX 3.2.5 and later; SCO UnixWare 7.x, OpenServer 5.x; SGI IRIX 6.x; Digital UNIX 4.x; IBM OS/2 Warp 4.x; any RFC1179-compliant system			—
<b>FTP Printing<sup>2</sup></b>	—	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Mac OS 8.6 and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8; SunOS 4.1.x; IBM AIX 3.2.5 and later; SCO UnixWare 7.x, OpenServer 5.x; SGI IRIX 6.x; Digital UNIX 4.x; IBM OS/2 Warp 4.x			Windows 98, Me, NT 4.0, 2000
<b>IPP</b>	—	Windows NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6			—
<b>IPX/SPX</b>					
	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003	Novell NetWare 3.2, 4.2, 5.x, 6, NDPS; Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003			Novell NetWare 3.20, 4.x, 5.x, NDPS; Windows 98, Me, NT 4.0, 2000
<b>DLC/LLC</b>					
	—	Windows NT 4.0 <sup>1</sup>	Windows NT 4.0 <sup>1</sup>	Windows NT 4.0 <sup>1</sup>	Windows NT 4.0 <sup>1</sup>
<b>AppleTalk<sup>3</sup></b>					
	Mac OS 8.6 and later	Mac OS 8.6 and later	Mac OS 8.6 and later	Mac OS 8.6 and later	—
<b>Advanced Security</b>					
	Management security: SNMP v3, SSL/TLS	Management security: SNMP v3, SSL/TLS (HTTPS)			
<b>Other Network Protocols Supported</b>					
	Telnet, BOOTP/DHCP, WINS, SNMP v1 and v2c, HTTP, SLP, IGMP, MDNS (Apple Rendezvous support, Mac OS 10.2.6 and higher), AutolP	NDS, Bindery, NCP, Telnet, SLP, IGMP, NDPS, iPrint; BOOTP/DHCP, WINS, SNMP v1 and v2c, HTTP			NDS, Bindery, NCP, NDPS Telnet, SLP, IGMP; BOOTP/DHCP, WINS, SNMP v1 and v2c, HTTP

<sup>1</sup>Requires software from the NOS vendor.

<sup>2</sup>May require software from the NOS vendor or third-party vendor.

<sup>3</sup>AppleTalk not supported in Token Ring print servers.

# HP Jetdirect 200m and 250m Print Servers

Designed to help small businesses share HP printers with an LIO connectivity slot on a network.



HP Jetdirect 250m

## Product pointers

- Helps maximize technology investment through the affordable sharing of HP color inkjet printers with an LIO connectivity slot.
- Enables easy printer status updates and management over the Internet through HP Web Jetadmin and the embedded web server.
- Enables users to place a shared printer anywhere in the office, no need to have the printer directly connected to a powered-on PC for sharing.

## Ordering information

	200m	250m
Model Number	200m	250m
Commercial	J6039C	J6042B

## Printer compatibility

	200m	250m
Product Number	J6039C	J6042B
HP Color Inkjet Printers:		
cp1700 Series <sup>1</sup> • 1100 Series <sup>1</sup>	•	•
HP LaserJet Printers:		
1300 Series <sup>1</sup>	•	•
HP Officejet Products:		
7110 <sup>1</sup> • 7130 <sup>1</sup> • 7140xi <sup>1</sup>	• <sup>2</sup>	• <sup>2</sup>

<sup>1</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

<sup>2</sup>Not supported in NetWare environment.

## In the box

- Setup documentation
- Help tools
- Software CD-ROM

## Software

- HP Install Network Printer Wizard (installation)
- HP Web Jetadmin (installation and management)

## Shipping weight and shipping dimensions

- 200m/250m 7.2 oz 8.8 × 6.1 × 2.3 in

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5980-6147ENUC

### Service

- [www.hp.com](http://www.hp.com)
- HP Support Services:  
[www.outputmanagement.hp.com](http://www.outputmanagement.hp.com)

### Reseller

- <http://hp.com/partners/us>

## Model specifications

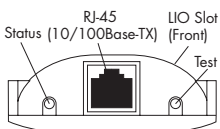
	200m	250m
<b>Product Number</b>	J6039C	J6042B
<b>Network Types</b>	Fast Ethernet, Ethernet 802.3	Fast Ethernet, Ethernet 802.3
<b>Ports</b>	RJ-45 (10/100Base-TX)	RJ-45 (10/100Base-TX)
<b>Embedded Web Server</b>	Yes	Yes
<b>Upgradeable</b>	No	Yes
<b>Security</b>	Good	Best
<b>IPP Support</b>	No	Yes
<b>Printer Support</b>	HP LIO-based	HP LIO-based
<b>Warranty</b>	1 year replacement <sup>1</sup>	1 year replacement <sup>1</sup>
<b>Compatible Network Operating Systems and Protocols</b>		
<b>TCP/IP</b>		
<b>IP Direct Mode</b>	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NDPS; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later; <sup>2</sup> MPE-iX
<b>LPD (Line Printer Daemon)<sup>3</sup></b>	—	Windows 95, 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6; Mac OS 8.6 and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8; SunOS 4.1.x; IBM AIX 3.2.5 and later; SCO UnixWare 7.x, OpenServer 5.x; SGI IRIX 6.x; Digital UNIX 4.x; IBM OS/2 Warp 4.x; any RFC1179-compliant system
<b>FTP Printing<sup>3</sup></b>	—	Windows 95, 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Mac OS 8.6 and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8; SunOS 4.1.x; IBM AIX 3.2.5 and later; SCO UnixWare 7.x, OpenServer 5.x; SGI IRIX 6.x; Digital UNIX 4.x; IBM OS/2 Warp 4.x
<b>IPP</b>	—	Windows NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell NetWare 4.2, 5.x, 6
<b>IPX/SPX</b>		
<b>IPX/SPX Direct Mode</b>	Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003	Novell NetWare 3.2, 4.2, 5.x, 6, NDPS (Direct Mode only, no Novell server support); Windows 95, 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003
<b>DLC/LLC</b>		
	—	Windows NT 4.0 <sup>2</sup>
<b>AppleTalk</b>		
	Mac OS 8.6 and later	Mac OS 8.6 and later
<b>Advanced Security</b>		
	—	Management security: SNMP v3, SSL/TLS (HTTPS)
<b>Other Network Protocols</b>		
	Telnet, BOOTP/DHCP, WINS, SNMP v1 and v2, HTTP, SLP, IGMP, MDNS (Apple Rendezvous support, Mac OS 10.2.6 and higher), AutoIP	NDS, Bindery, NCP, Telnet, SLP, IGMP, NDPS, iPrint; BOOTP/DHCP, WINS, SNMP v1 and v2c, HTTP; MDNS (Apple Rendezvous support, Mac OS 10.2.6 and higher), AutoIP

<sup>1</sup> Once installed in the printer, assumes the same warranty as the printer.

<sup>2</sup> Requires software from the NOS vendor.

<sup>3</sup> May require software from the NOS vendor or third-party vendor.

## Port configurations



HP Jetdirect 200m/250m

# HP bt1300 Wireless Print Adapter

An easy and cost-effective way to wirelessly share a printer for home users or businesses.

## Product pointers

- Helps home users or businesses conveniently share a broad range of HP peripherals on a wireless network.
- Enables flexible office layouts and easy moves for an ideal solution in dynamic environments. Reduces the time and expense of installing network cabling.
- Easy installation, configuration and management of HP peripherals for simple wireless connectivity.
- Compatible with most office environments to work reliably with Bluetooth products from other leading vendors.
- Industry-leading wireless security with support for authentication and dynamic encryption keys.

## Ordering information

<b>Model Number</b>	bt1300
<b>Commercial</b>	J6072A

## Compatibility

<b>Operating System</b>	bt1300
<b>HP Deskjet Printers:</b>	
5150 <sup>1</sup> •5650•5850 <sup>1</sup> •6122•6127•995ck <sup>1</sup>	•
<b>HP Business Inkjet Printers:</b>	
cp1700 Series <sup>1</sup> •3000 Series <sup>2</sup>	•
<b>HP LaserJet Printers and MFPs:</b>	
1022 Series•1320 Series•2300 Series <sup>1</sup> •2400 Series <sup>1</sup> •3015 <sup>2</sup> •3020 <sup>2</sup> •3030 <sup>2</sup> •3380 <sup>2</sup> •4100mfp <sup>3</sup> •4101mfp <sup>3</sup> •4200 Series <sup>1</sup> •4250 Series•4300 Series <sup>1</sup> •4350 Series•4345mfp Series•5100 Series•8150 Series•9000 Series <sup>1</sup> •9050 Series•9040mfp•9050mfp•9055mfp•9065mfp•Color 4650 Series•Color 5500 Series <sup>1</sup> •Color 5550 Series•Color 9500 Series•Color 9500mfp	•
<b>HP Officejet and PSC Printers:</b>	
PSC 2510 <sup>1,4</sup> •7110 <sup>1</sup> •7130 <sup>1</sup> •7140xi <sup>1</sup>	•
<b>HP Photosmart Printers:</b>	
7260 <sup>1</sup> •7450•7660 <sup>1</sup> •7760•7960 <sup>1</sup>	•

<sup>1</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

<sup>2</sup>Printing only.

<sup>3</sup>Support for PC/laptop and PDA printing using HCRP and SPP Bluetooth profiles.

<sup>4</sup>Support for PC/laptop, PDA, phone and camera printing using HCRP, SPP, OPP, BPP and BIP Bluetooth profiles.



HP bt1300

## In the box

- Quick start guide
- Power module
- USB cable

## Shipping weight and shipping dimensions

• bt1300 1.38 lb 9.8 x 5.2 x 3 in

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Data Sheet 5982-1920ENUC

### Service

- [www.hp.com](http://www.hp.com)
- HP Support Services: [www.outputmanagement.hp.com](http://www.outputmanagement.hp.com)

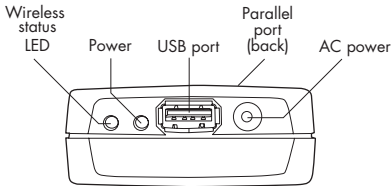
### Reseller

- <http://hp.com/partners/us>

## Model specifications

	<b>bt1300</b>
<b>Product Number</b>	<b>J6072A</b>
<b>Network Types</b>	Bluetooth
<b>Printer Support</b>	1 USB, 1 parallel
<b>MFP Support</b>	No
<b>Embedded Web Server</b>	No
<b>Upgradeable</b>	Yes
<b>Security</b>	Best
<b>IPP Support</b>	No
<b>Warranty</b>	1 year limited
<b>Compatible Network Operating Systems And Protocols</b>	
<b>Advanced Security</b>	Bluetooth v1.1 security
<b>Other Network Protocols Supported</b>	Bluetooth profiles: OPP, SPP, HCRP, BIP, BPP

### HP bt1300 Wireless Print Adapter



# HP Print Server Appliance 4250

Affordably streamline printing and print management with the HP Print Server Appliance 4250. This scalable, state of the art device manages print spooling, drivers, queues and network traffic to reduce the workload on your general-purpose server.



HP Print Server Appliance 4250

## Product pointers

- Simplified management: localize print traffic so server downtime doesn't mean printer downtime, mirror data image within PSA for data disaster recovery, single point of diagnosing and troubleshooting printing problems.
- Compatible with all PPD-enabled network printers, fleet management via HP Web Jetadmin, update the drivers on the print server appliances which automatically updates the drivers on all shared PCs.
- Improve printing functionality and reliability, gain more control over print traffic and reduce support.
- Robust server for all office printers, connect up to 50 printers and 350 clients to a single PSA that supports both HP brand printers and non-HP brand printers.
- Upgraded 20 GB hard disk, with 10/100Base-TX standard Ethernet interface.
- PSAs are less expensive than general purpose servers; PSAs reduce overall IT costs and require no license fees.
- Keep employee productivity up—even when the general-purpose server is down, all printing is routed through the PSA.

## In the box

- Quick start poster
- Documentation CD-ROM
- Rack-mounting hardware
- Power cord

## Shipping weight and shipping dimensions

- 4250 14 lb 24 x 16.3 x 7.5 in

## Warranty and support

See pages 308–313 for complete information.

### HP Care Pack options

- Next Day Exchange: 3 years H4614E
- Post Warranty Service, Next Day Exchange: 1 year U6404PE

## Ordering information

Model Number	4250
Commercial	J7941A

## Printer compatibility

4250							
Product Number	J7941A						
Operating System	Windows 98	Windows Me	Windows NT 4.0	Windows 2000	Windows XP	UNIX	
<b>HP Business Inkjet Printers:</b>							
2600 Series <sup>1</sup> •3000 Series	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>	•	•	•	
<b>HP LaserJet Printers and All-in-Ones:</b>							
1220 <sup>1</sup> •2300 Series <sup>1</sup> •4100mfp•4101mfp•8150 Series•9000 Series	•	•	•	•	•	•	
<b>HP DesignJet Printers:</b>							
430•500 Series•800 Series•1050c Plus•1055cm Plus	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>	•	•	•	
Other HP, Third-party Networked, LPD-enabled Printers:	•	•	•	•	•	•	

<sup>1</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

<sup>2</sup>Supports these products, but Point and Print (Automatic Driver Download) may not function correctly.

## Additional information

### Sales

- www.hp.com
- Data Sheet 5981-6564ENUC

### Service

- Service Training Kit: www.hp.com
- HP Support Services: www.outputmanagement.hp.com
- HP Training: www.hp.com/education

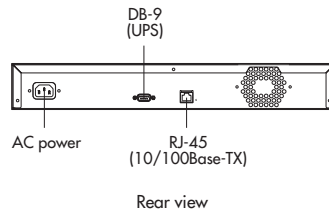
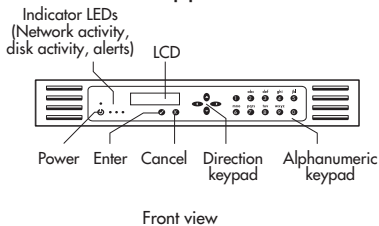
### Third-party solutions

- www.hpgsc.com
- Reseller
- http://hp.com/partners/us

## Model specifications

	<b>4250</b>
<b>Product Number</b>	<b>J7941A</b>
<b>Ports</b>	RJ-45 (10/100Base-TX), DB9 (UPS support)
<b>Connectivity, Std</b>	DB9 port for UPS support
<b>Protocols Supported</b>	TCP/IP
<b>NOS Supported</b>	Windows (98, Me, NT 4.0, 2000, XP), UNIX (HP-UX, Solaris, AIX, Linux), supports mainframe systems (LPD compatible)
<b>Client OS Supported</b>	Windows (98, Me, NT 4.0, 2000, XP), UNIX (HP-UX, Solaris, AIX, Linux), supports mainframe systems (LPD compatible), printing from Macintosh systems is not supported
<b>Browsers Supported</b>	Microsoft Internet Explorer (5.5, 6.0 or later), Netscape (6.2 or later)
<b>Hosted Clients, Std/Max</b>	250/350
<b>Hosted Print Queues</b>	Up to 50
<b>Embedded Web Server</b>	Yes
<b>Memory, Std</b>	128 MB
<b>Hard Disk</b>	20 GB
<b>Fleet Management</b>	Yes
<b>Spool Capacity</b>	Up to 17 GB
<b>Dimensions (W x D x H)</b>	17 x 13 x 2.4 in
<b>Weight</b>	10 lb
<b>Warranty</b>	1 year HP Next Day Exchange

## HP Print Server Appliance 4250



## Supplies and accessories

### Other

- Power Cord 8120-6805



# HP AutoStore

Document Capture software for the HP LaserJet MFPs, HP Digital Senders and HP Scanjets that provides the ability to capture, process and route digitized document data to a content or document management application, to network folder, to database, LAN Fax system as well as many other options.

## Product pointers

- Advanced processing and routing capabilities to automate and customize document workflows and integrate with existing document management systems.
- Server-based software enabling select HP MFP and digital sending devices to process and route documents directly to network folders, e-mail, LAN Fax and document management applications at the touch of a button.
- HP AutoStore's Process Designer (APD) allows administrators to graphically connect the desired AutoStore components together to create personalized workflows using an intuitive drag and drop interface. HP AutoStore makes it easy to set up custom workflows to automate critical business processes.
- Allows user to input indexing data for a scanned document directly at the scanning device (either through pre-defined options or individual input) then sends this metadata file with each electronic document (text searchable HPS index file—not available on 9055mfp/9065mfp).
- Includes numerous processing options to meet the needs of your unique workflow. Processing options include ICR/OCR (ABBYY FineReader 6.0 Professional OCR), forms recognition, image processing and enhancement, barcode recognition, file conversion (to PDF, RTF, XLS, etc.) as well as encryption and security options.
- Integrates easily with most major document management applications; comes standard with send-to Microsoft SharePoint Portal Server, Microsoft Exchange and Lotus Notes. Additional routing options include Documentum (4.x, 5.x), Documentum ApplicationXtender (5.x), Hummingbird, iManage, IXOS, OpenText, Domino.doc, TRIM Captura & Context.

## Ordering information

Model Number	HP AutoStore Software
Commercial	T1943AA <sup>1</sup>

<sup>1</sup>Available options include B92 (server license), 725 (one device license for HP 9200c/4345mfp/9500mfp), 720 (one device license for HP 4100mfp/9000mfp), 715 (one device license for HP 9055mfp/9065mfp), 710 (one device license for HP 9100c). Go to [www.hp.com/go/autostore](http://www.hp.com/go/autostore) for additional license and module options.

## Additional information

### Sales

- [www.hp.com/go/documentmanagement](http://www.hp.com/go/documentmanagement)
- [www.hp.com/go/autostore](http://www.hp.com/go/autostore)
- [www.hp.com/go/mfp](http://www.hp.com/go/mfp)
- Data Sheet 5981-7154ENUC

## Model specifications

<b>HP AutoStore</b>	
<b>Product Number</b>	<b>T1943AA</b>
<b>Networking</b>	TCP/IP required
<b>Hardware Compatibility</b>	HP LaserJet 4100/4101mfp, 9000mfp, 9055/9065mfp, 9040/9050mfp, 4345mfp series, Color LaserJet 9500mfp, Digital Sender 9100c/9200c
<b>Workflow Features</b>	Send to multiple network folders, send to ftp, send to printer, send to back-end applications and repositories (MS SharePoint Portal Server, MS Exchange Folder, Lotus Notes), send to PC; Notification; Create/send metadata custom keys (via smtp only on LJ 9055/9065mfps); Basic OCR (ABBYY FineReader 6.0)
<b>Support Options</b>	Support for HP AutoStore server license UA332E, support for HP AutoStore device license UA333E, support for HP AutoStore server module UA3334E
<b>FAX:</b>	
<b>Send-to-Fax</b>	LAN Fax, Internet Fax, Windows 2000/XP Fax
<b>Third-Party Solution Support</b>	RightFAX, Biscam, Castelle, Castelle Object-Fax, Omtool, Com-EM-Tex, DPD International, Faxport, FaxPress, FACSys, Fenestrae, Ferrari, GoldFax, Hexar, Imecom, LANSource, Lotus Fax for Domino, Merkur, PP-Com, RedRock, SCH Technologies, Tobit, TOPCALL and others
<b>SYSTEM REQUIREMENTS:</b>	
<b>Hardware</b>	Intel Pentium-based PC, Pentium III or greater, 650 MHz or greater; minimum 500 MB RAM; minimum 500 MB free hard disk space
<b>Software</b>	Microsoft Windows NT, 2000 Server or 2003 Server with updated service pack
<b>OPTIONAL COMPONENTS:</b>	
<b>Capture</b>	Poll Directory, POP3 Email, Batch Importer, ABM Exporter
<b>Process</b>	Desktop Prod Pkg, VB/Jscript (Process/Route), Watermarks, Professional Image Mgt., Professional Barcode, PDF 417 Barcode, Basic Image Mgt., OMNI Page OCR, ABBY FormReader (6.0)
<b>Route</b>	Documentum (4.x/5.x), Documentum ApplicationXtender, iManage/Interwoven (6.x), Hummingbird (5.x), FileNet, IBM Lotus Domino Document Manager (formerly Domino.doc), IXOS, OpenText, ABM Importer, Send to Database (route/process/bulk), etc.

# HP Digital Sending Software 4.0

*Optional software that enables paper documents to be digitized for easy, cost-effective sharing and storage.*

## Product pointers

- Allows paper documents to be integrated quickly into existing business workflows, enabling content to be available sooner and processes to be initiated faster.
- Saves money by reducing the costs of physical storage, manual processes such as retyping and centralized scanning and hardcopy distribution such as analog faxing, postage and courier services. Streamlined processes improve efficiency and productivity.
- Easy to install, and HP digital sending configuration manager lets you quickly manage the sending functions for multiple HP MFPs and digital senders. Access all your devices with sending functionalities from one central location no matter where they are.
- Transfer data from a compatible HP device to a secure, supported folder with a secure send key. Authentication verifies the sender's identity, encryption protects files from outside access and a final safeguard erases the device's hard drive.

## Printer compatibility

DSS 4.0	
<b>HP LaserJet MFP Printers:</b>	
4100mfp•4101mfp•9000Lmfp <sup>1</sup> •9000mfp <sup>1</sup>	• <sup>2</sup>
9055mfp•9065mfp	—
9500mfp•9040mfp•9050mfp•4345mfp	•
<b>HP Digital Sender Products:</b>	
9200c	•

<sup>1</sup> This product is included from a previous edition of the IRG and does not appear in the current guide.

<sup>2</sup> Authentication and LAN/Internet fax support only.

## In the box

- Admin and user's guides

## Warranty and support

- See pages 308–313 for complete information.
- 90 day limited, with unlimited phone support

## Additional information

### Sales

- [www.hp.com/go/digitalsending](http://www.hp.com/go/digitalsending)
- Data Sheet: DSS and AutoStore  
598 1-3692ENUC;  
DSS 4.0 5982-7993ENUC

## Model specifications

	<b>DSS 4.0</b>
<b>Product Number</b>	<b>T1936AA<sup>1</sup></b>
<b>Option Number</b>	UA0 (1 license) OAD (5-device license pack) OA9 (10-device license pack) OAA (50-device license pack) UD6 (250-device license pack)
<b>Networking</b>	10/100Base-T, 10Base-2, 10/100Base-TX
<b>FILE FORMATS SUPPORTED:</b>	
<b>Processing</b>	PDF, TIFF, PCL, MTIF (additional with OCR)
<b>OCR Input</b>	JPEG, TIFF, MTIFF, PDF
<b>OCR Output</b>	RTF, TXT, PDF (searchable), HTML, XML
<b>Authentication</b>	Win NT, Novell, Kerberos, LDAP
<b>FAX:</b>	
<b>Send-To-Fax</b>	LAN fax, Internet fax, Windows 2000/XP fax
<b>Third-Party Solution Support</b>	Supports most leading third-party fax solutions
<b>Workflow</b>	Send to network folder, send to ftp, send to printer, create/send metadata, custom menu keys on the device, Basic OCR [ISIS]

<sup>1</sup>Must include an option number with product number when ordering.

# HP International Printing Solution

Buy and ship printing devices globally and print the world's languages without expensive hardware or software adjustments.

## Product pointers

- Get a reliable international printing solution from HP, the leader in printing technology. Simplify procurement with one trusted vendor for all SAP printing needs. Co-developed and co-tested with SAP, get integrated support and quick downloads from [www.hp.com](http://www.hp.com).
- Implement the most robust international printing solution with HP LaserJet and select MFP support. Co-developed and co-tested with SAP, this nimble solution streamlines procurement, letting you buy and ship devices globally without altering hardware or software.
- The HP International Printing Solution supports a wide range of HP LaserJets and MFPs with file system capability, helping SAP customers capitalize on existing device investments without purchasing expensive DIMMs or making software adjustments.

## Ordering information

Model Number	HP International Printing Solution <sup>1</sup>
Commercial	BA396AA <sup>2</sup> (CD) BA392AA <sup>2</sup> (CD-HP Direct only) BA441AA <sup>3</sup> (flash memory card)

<sup>1</sup>Go to <http://software.hp.com> for more information.

<sup>2</sup>Includes Japanese, Korean, traditional and simplified Chinese.

<sup>3</sup>Choose an option with order. Available options are ABJ (includes Japanese character preferences), AB1 (includes Korean character preferences), ABO (includes traditional Chinese character preferences) or AB2 (includes simplified Chinese character preferences).

## Printer compatibility

HP International Printing Solution <sup>1</sup>	
CD version (hard disk required)	All new HP LaserJet printers and MFPs with file system capability as of November 2004 including HP LaserJet 4200 Series, 4250 Series, 4300 Series, 4350 Series, 9000 Series, 9050 Series; HP Color LaserJet 4600 Series, 4650 Series, 5500 Series, 5550 Series, 9500 Series; HP LaserJet 4100mfp, 4345mfp, 9000mfp, 9040mfp, 9050mfp, 9055mfp, 9065mfp; HP Color LaserJet 9500mfp
Flash memory card version	All HP printing devices with a flash memory slot

<sup>1</sup>A firmware upgrade may be necessary for devices released prior to November, 2004.

## Additional information

### Sales

- [www.hp.com/go/sap/drivers](http://www.hp.com/go/sap/drivers)
- Data Sheet 5982-7994ENUC

### Service

- <http://software.hp.com>

### Reseller

- <http://hp.com/partners/us>

# Capella Technologies MegaTrack Job Accounting

Monitor, track and report all printer- and copier-related actions and costs with Capella Technologies MegaTrack Job Accounting.

## Product pointers

- Assume greater control over your printing and imaging environment and optimize spending. Track device usage, document name and printing costs to determine proper device placement and usage and help recover and allocate costs.
- Get an end-to-end solution from initial sale to ongoing support and maintenance. This software helps you optimize device usage and associated costs with a quality solution backed by the world-renowned HP brand.
- See productivity rise as less IT resources are required to manage your printing and imaging systems. Capella Technologies MegaTrack Job Accounting helps determine optimal asset utilization and deployment, effectively reducing IT training, support and driver management time.
- Use of Distributed Architecture Technology prevents reductions in printing speed and LAN bandwidth, while automatic scheduled e-mail reporting improves productivity.
- Network-wide printer resource administration with real-time display and status.
- Optimized for use with HP LaserJet printers, includes tracking function completely transparent to users.

## Ordering information

<b>Model Number</b>	Capella Technologies MegaTrack Job Accounting
<b>Commercial</b>	Contact your HP sales representative for ordering information

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)

### Service

- [www.hp.com](http://www.hp.com)

### Reseller

- <http://hp.com/partners/us>

# HP Mobile Printing Solutions

HP's mobile printing solutions provide a simple, secure and affordable way for users to print freely from different devices to more printers in more locations—wired or wireless, at home, work or on the go—so they can be as productive as they need to be.

## Product pointers

### HP Mobile Print Driver for Windows:

- Reduce support costs for IT administrators. The driver features simple, one-click installation as well as advanced installation options, such as support for the Add Printer Wizard feature via an .INF file.
- Simplify mobile and business printing. The driver is easy to set up and use, enabling effortless mobile printing from a conference room, a satellite office or remotely from a home office. In addition, IT administrators can deploy the driver for basic printing and reduce the complexity of managing multiple print drivers.
- Get easy access to advanced printer options. Enjoy enhanced features such as print task quick sets for frequently-printed jobs, N-up printing to increase the number of pages printed per sheet and watermark printing.
- Take advantage of improved discovery capabilities. Access networked printers via an IP address, UNC, or network path for fast, simple mobile printing. Using HP Web Jetadmin, administrators can quickly and easily display IP addresses on all HP printers or MFPs with a front panel display.

### HP Mobile Printing for Pocket PC:

- Enables instant printing of business-critical documents from a handheld PC with Microsoft's familiar tap-and-hold feature.
- Allows quick, convenient printing from Pocket PC applications such as Pocket Word, Pocket Excel, and File Explorer, and supports a variety of printers, including network, Bluetooth-enabled, and infrared.
- Makes on-the-move printing simple and dependable. It is a free download that is easy to install and is included with select HP iPAQ Pocket PCs.

### HP Mobile Printing SDK for Pocket PC:

- Develop mobile printing solutions for custom applications designed for the Pocket PC operating system. Enable walk-up printing of Pocket PC content for HP and select non-HP printers.
- Increases the value and usability of handheld devices across entire printing architectures. It is designed to optimize HP and select non-HP printers, and prints borderless 4 × 6 photos and HTML documents.
- Operating in the latest Visual Studio .NET or C++ environments, the HP Mobile Printing SDK for Pocket PCs enables custom mobile printing solutions. Allow users to transcend desktop restrictions, yet keep their intuitive desktop printing experience.

## Ordering information

Model Number	HP Mobile Print Driver for Windows 2.0	HP Mobile Printing for Pocket PC	HP Mobile Printing SDK for Pocket PC 4.0
Commercial	J7963AA <sup>1</sup> (Postscript)/ J7964AA <sup>1</sup> (PCL)	J7931AA <sup>2</sup>	Not applicable <sup>3</sup> (join developer program)

<sup>1</sup>Download from [www.hp.com/go/mpd4w](http://www.hp.com/go/mpd4w)

<sup>2</sup>Download from [www.hp.com/go/pocketpcprint](http://www.hp.com/go/pocketpcprint)

<sup>3</sup>Download from [www.hpdevelopersolutions.com/mobile](http://www.hpdevelopersolutions.com/mobile)

## Model specifications

	HP Mobile Print Driver for Windows 2.0	HP Mobile Printing for Pocket PC	HP Mobile Printing SDK for Pocket PC 4.0
Product Number	J7963AA/J7964AA	J7931AA	Not applicable
Program Size	12 MB	2.8 MB	1.6 MB
OS Compatibility	Windows 2000 and XP	Pocket PC 2003, and 2003 SE	Pocket PC 2003, and 2003 SE
Hardware Compatibility	HP LaserJet printers, MFPs, and digital copiers from the LaserJet 4000 forward (both Postscript and PCL supported)	Most HP iPAQ Pocket PC 2003 and 2003 SE handheld devices; HP LaserJet and Color LaserJet printers; most HP Deskjet, Officejet, and Photosmart printers; select non-HP printers	Most HP iPAQ Pocket PC 2003 and 2003 SE handheld devices; HP LaserJet and Color LaserJet printers; most HP Deskjet, Officejet, and Photosmart printers; select non-HP printers

## Additional information

### Sales

- [www.hp.com/support/mpd4w](http://www.hp.com/support/mpd4w)
- [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting)
- [www.hp.com/support/pocketpcprint](http://www.hp.com/support/pocketpcprint)

- Data Sheets: Mobile Print Driver for Windows 5982-6591ENUC; Mobile Printing for Pocket PC 5982-8338ENUC; Mobile Printing SDK for Pocket PC 5982-8339ENUC

### Reseller

- <http://hp.com/partners/us>

# HP Output Server

Ensure business process continuity with the HP Output Server, the HP output management software solution which provides reliable document delivery to multiple destinations across the enterprise.

## Product pointers

- Velocity—expedite document delivery and reliably deliver documents across the enterprise.
- Enjoy increased performance and scalability.
- Easily capture documents from a wide variety of applications including SAP, Oracle, Windows desktops and command line utilities, and deliver them to the destination of choice.
- Get the information you need, when you need it. Add the HP Output Distributor option for automated report delivery with advanced bursting and bundling capabilities.
- End-to-end tracking—control all of your output by receiving notification of job interruptions and automatically resolving problems.
- Simplify management with centralized control and operation that easily integrates with management software applications such as HP OpenView and Tivoli.
- Keep information secure with advanced firewall traversal support.
- Benefit from HP's award-winning service and support. HP services offer all of the necessary support and technical services to make HP Output Server implementation smooth and successful.

## Ordering information

<b>Model Number</b>	<b>HP Output Server</b>
<b>Commercial</b>	T2358AA

## Model specifications

<b>HP Output Server 3.4.1</b>	
<b>Product Number</b>	<b>T2358AA</b>
<b>Supported Server Platforms</b>	AIX 5.1 and 5.2, HP-UX 11.0 and 11.11, Solaris 8 and 9, Windows 2000 Server AS and Windows Server 2003 EE
<b>Supported Client Interfaces</b>	Microsoft Windows 2000 Pro and Windows Server 2003 SE (command line interface), Red Hat Enterprise Linux 3.0 WS (Kernel 2.4) (command line interface), LPR from MVS™, NetWare™, VMS, VPS™ and other UNIX platforms (AIX 5.1 and 5.2, HP-UX 11.0 and 11.11, Solaris 8 and 9)
<b>Supported Destination Types</b>	Printers (PS, PCL, ASCII text, AFP, LPD), fax, e-mail, web, FTP, pager
<b>Warranty</b>	1 year limited

## Supplies and accessories

### Other

- Add-on modules:
  - HP Output Distributor (provides automatic report delivery with advanced bursting and bundling) T2361AA
  - HP Web Delivery (enables document delivery to the Web) T2362AA
  - HP Output Envoy (enables document delivery from a Windows desktop to HP Output Server) T2364AA
  - HP Output Explorer (unified control and management of enterprise output resources) T2363AA
- Integrations:
  - HP Output Manager for SAP (integrates SAP with HP Output Server) C8043AA
  - HP Output Manager for Oracle (integrates Oracle with HP Output Server) Q1308AA
  - HP Output Manager for OpenView (integrates HP OpenView with HP Output Server) C8040AA
  - HP Output Manager for Tivoli (integrates Tivoli with HP Output Server) C8041AA

## Additional information

### Sales

- [www.hp.com/go/outputmanagement](http://www.hp.com/go/outputmanagement)
- (800) 407-9701 in U.S.
- Data Sheet 5982-6279ENUC

### Reseller

- <http://hp.com/partners/us>



**New!**

# HP Web Jetadmin Peripheral Management Software 8.0



*Get the most from your printing and imaging environment. Make it modern, streamlined. HP Web Jetadmin 8.0 provides the monitoring and management capabilities you need to create a first-rate printing infrastructure that promotes productivity and cuts waste.*

HP Business Management Solutions

## Product pointers

- Security enhancements with snmpv3 device support and encrypted credential storage, which protects user and system passwords from unauthorized access or changes.
- Report usage data at the device or user level with the Report Generation Plug-in 3.0.
- Complete asset management with the new PC Printer Discovery Plug-in, which provides asset inventory, usage, and supplies data for PC-connected printers, offering network administrators a more complete picture of their printing and imaging environment.
- Color access control through the HP Driver Preconfiguration Plug-in, device access configuration, and reporting for organizations needing color management.
- Pre-defined basic profiles provide simplified user-interfaces that eliminate seldom-used tasks and fields for those users performing minimal tasks.
- Supplies management—through alerts and customizable reports, HP Web Jetadmin can consolidate and assist in supplies reordering, ensuring that supplies are available when you need them.
- Enhanced multi-vendor device support. HP Web Jetadmin has improved support for standard printer MIB devices including several new device alerts, diagnostics, and configuration options.
- Link directly to HP Instant Support for issue-specific resolution, reference, troubleshooting, and diagnostics. Communicate online with a support specialist if needed device management for projectors.

## Ordering information

<b>Model Number</b>	<b>Web Jetadmin 8.0</b>
<b>Commercial</b>	J6052AA <sup>1</sup>

<sup>1</sup> Easy download: [www.hp.com/go/webjetadmin](http://www.hp.com/go/webjetadmin).

## Model specifications

	<b>Web Jetadmin 8.0</b>
<b>NOS Support</b>	Windows (NT 4.0, 2000, XP, Server 2003), SuSE Linux 9.1, Fedora Core 2
<b>Supported Web Browsers</b>	Microsoft Internet Explorer 6.0 (Windows only), Mozilla 1.6 (Linux only)
<b>Peripherals Supported</b>	All HP and non-HP printers connected via HP Jetdirect print servers and standard printer, standard MIB-compliant third-party network-connected printers
<b>Protocols Supported</b>	TCP/IP, IPX/SPX
<b>Shared Print Queue Creation Supported</b>	Windows (2000, XP, 2003, NT 4.0); SuSE Linux® 9.1, Fedora Core 2; HP-UX 11.0; Solaris 7 and 8; Novell NetWare 5.1 and 6.0 (IPX only) using NetWare Client 4.9—supported only on Microsoft platform

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Technical Data Sheet 5981-1009ENUC

### Service

- [www.hp.com](http://www.hp.com)
- HP Support Services: [www.outputmanagement.hp.com](http://www.outputmanagement.hp.com)
- HP Training: [www.hp.com/education](http://www.hp.com/education)

### Reseller

- <http://hp.com/partners/us>

**New!**

# HP Web Jetadmin Report Generation Plug-in 3.0



Learn everything you can about your printing and imaging environment—then improve on it.

## Product pointers

- Job tracking/reporting by user and application which enables more precise balanced deployment, color usage reporting, and policy management.
- Consolidated, assisted supplies reordering—predictive supplies management provides a pre-populated list of supplies needed for approval and routing to your preferred vendor.
- Generate reports on page details, including number of pages printed, scanned, or copied, with information on color or black and white usage, single- or double-sided documents, and document sizes.
- Schedule automatic e-mails of trend analysis reports across any designated time period—from a single day to when you first began collecting data.
- Automatically receive periodic reports on tracked devices that detail which supplies are needed and in what quantities.
- To order supplies, simply click to submit the pre-populated online form to HP SureSupply or a choice of vendors, and the supplies you need will be on their way.

## Ordering information

<b>Web Jetadmin Report Generation Plug-in 3.0</b>	
<b>Model Number</b>	<b>Web Jetadmin Report Generation Plug-in 3.0</b>
<b>Commercial</b>	J7946BE
*Free download: <a href="http://www.hp.com/go/wja_reports">www.hp.com/go/wja_reports</a>	

## Model specifications

<b>Web Jetadmin Report Generation Plug-in 3.0</b>	
<b>NOS Support</b>	Microsoft Windows 2000, XP, 2003
<b>Supported Web Browsers</b>	Microsoft Internet Explorer 6.0
<b>Peripherals Supported</b>	All HP and non-HP printers connected through HP Jetdirect servers and standard print servers; MIB-compliant third-party network connected printers
<b>Protocols Supported</b>	TCP/IP
<b>System Requirements</b>	HP Web Jetadmin 8.0, PC with 1 GHz processor, 512 MB RAM, 1 GB available disk space

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)
- Technical Data Sheet 5981-9654ENUC

### Service

- [www.hp.com](http://www.hp.com)
- HP Support Services: [www.outputmanagement.hp.com](http://www.outputmanagement.hp.com)
- HP Training: [www.hp.com/education](http://www.hp.com/education)

### Reseller

- <http://hp.com/partners/us>

# HP Care Pack Services

HP Care Packs extend or upgrade HP's standard warranties and are part of HP's award-winning Customer Care offering of services and support.

## Product pointers

- HP Care Pack services give your customers the easiest way to maximize the uptime of HP products. Extremely simple to buy and deploy, our support services provide everything for end-to-end coverage, global consistency and high service quality. HP Care Pack services include 20+ simplified offerings, all backed by the world's largest customer support organization. This broad spectrum of services includes installation and startup services, hardware and software support, proactive mission-critical services and integrated services for an entire IT infrastructure. Care Pack services is the brand name for what you knew before as HP Supportpack, HP CarePak™ Services and System Support Products. No matter what the support need, your customers will appreciate the results—increased employee productivity and a reduction in costly downtime.
- For up-to-date information for all HP Care Pack services, please visit the Online IRG at:
  - <http://hp.com/partners/us>
  - Click “Enter site”
  - Enter user name and password
  - Click “Products”
  - See “General product info”
  - Click “Instant Reference Guides (IRG) web site link”
  - Click “Printing & Digital Imaging IRG link”
- HP Care Pack Post Warranty Service (those with a “PA” or “PE” suffix) provides four service level options for customers with select products having an expired standard warranty or expired HP Care Pack service.
- Makes it easy to sell a total HP-branded solution, including both products and services.
- Point-of-sale solution increases customers' likelihood of purchasing additional hardware support.
- Provides cost-effective extensions and upgrades to HP product warranties to address business needs not met by standard warranty terms.
- Ensures customers fast, convenient access to HP authorized and trained service technicians in HP's Customer Care Service Network.
- Complements resellers' portfolio of services and support and extends their geographic coverage.
- Provides resellers with an easy-to-sell, profitable and complementary way to offer HP services and support in volume to their customers.
- Offers resellers a choice of physical HP Care Packs sold from inventory (those with an “A” suffix) or HP Care Packs purchased electronically (those with an “E” suffix).
- To learn more about selling electronic HP Care Packs, visit <http://hp.com/partners/us>. If you are already registered to use the tool, visit [www.eci.hp.com](http://www.eci.hp.com).
- Electronic HP Care Packs offer more variety and save on costs of physical inventory and time for your customers.
- As a member of Direct Access Support for Hardware, your direct link with HP Technical Support will be through a specialized toll-free phone number (1-888-HPCARES). When combined with your personal PIN, your call will be answered by the HP Priority Support Team, a group of second-level agents and engineers who have been specially trained and are very experienced in supporting IT professionals and multi-tiered, centralized help desks. The agents and engineers in this group know you are highly skilled and represent a valuable Direct Access Support for Hardware account and will respond accordingly to your technical requirements. Direct Access Support for Hardware offers IT professionals quick, convenient access to HP's highest level of technical support for HP printing and imaging and Microsoft Windows on Intel® platform computing products. This customer-focused program makes it easy to maintain HP products by helping to reduce overall downtime in times of technical difficulties, which can help decrease total cost of ownership. This program is available in the United States and Canada (English only in Canada).
- HP Care Pack Look-Up Tool provides fast access to information on Care Packs. Searches are available by hardware product number, hardware product group or HP Care Pack product number. Visit <http://hp.com/go/lookuptool>.
- HP Education Services offers new easy to sell, easy to purchase HP Care Pack services for education:
  - Technology—specific services which are pre-defined technology and level-specific packages designed to meet a customer's particular training need.
  - Total Education—replaces the Integrated Learning Pak (H7104E); provides a simple, economical way for customers to access any of our more than 200 different instructor-led scheduled courses, more than 3,000 online courses and a means to purchase rental of the HP Virtual Classroom.
  - PC Personal Development—our greatest value, includes unlimited access to 314 business application and business skill courses to 10 people for one full year; that's more than 900 hours of training for only \$100 per person. Purchase price: \$1,000. Visit the “Services” section of the Partnership Website for more details.

## Compatibility

See chart on the following pages.

### Additional information

#### Sales

- <http://hp.com/partners/us>
- HP Care Pack information for your customers can be found at: <http://hp.com/go/lookuptool>

#### Service

- <http://hp.com/partners/us>

#### Reseller

- <http://hp.com/partners/us> (online access to HP pricing; requires eligible HP outlet, ID number, user name and password)

## HP Care Pack hardware service levels for peripherals

<b>Next Day Exchange</b>	<p><b>Products:</b> Photosmart Digital Cameras; Photosmart, Deskjet, Business Inkjet, LaserJet, Color LaserJet and Designjet Printers; Scanjet Scanners; All-in-One and Fax Products; Digital Projectors; Print Server Appliances</p> <p><b>Available:</b> 8 a.m.–6 p.m. local time, Monday through Friday</p> <p><b>Location:</b> Most areas within the continental United States; add 1 to 2 days for service in Hawaii and Alaska</p> <p><b>Action:</b> Permanent replacement product sent, freight prepaid with next business day delivery (for calls received before 2 p.m. PST); customer returns defective unit to HP within 10 business days of receiving replacement</p>
<b>Next Day Exchange, 1-Time</b>	<p><b>Products:</b> LaserJet Printers; All-in-One Products</p> <p><b>Available:</b> 8 a.m.–6 p.m. local time, Monday through Friday</p> <p><b>Location:</b> Most areas within the continental United States; add 1 to 2 days for service in Hawaii and Alaska</p> <p><b>Action:</b> One occurrence: Permanent replacement product sent, freight prepaid with next business day delivery (for calls received before 2 p.m. PST); customer returns defective unit to HP within 10 business days of receiving replacement</p>
<b>Next Day Exchange with Accidental Damage Protection</b>	<p><b>Products:</b> Photosmart Digital Cameras</p> <p><b>Available:</b> 8 a.m.–11 p.m. PST, Monday through Friday and 8 a.m.–3 p.m. PST Saturdays</p> <p><b>Location:</b> Major U.S. metropolitan areas</p> <p><b>Action:</b> HP ships permanent replacement unit, freight prepaid with next business day delivery; customer returns defective unit to HP within 3 working days of receipt of replacement unit</p>
<b>Return to Depot</b>	<p><b>Products:</b> LaserJet and Color LaserJet Printers</p> <p><b>Available:</b> HP standard business hours, Monday through Friday</p> <p><b>Location:</b> Customer brings or ships failed product to designated HP Repair Center</p> <p><b>Action:</b> Unit is repaired or replaced at HP's option in 3 business days</p>
<b>Next Business Day Response</b>	<p><b>Products:</b> Business Inkjet, LaserJet, Color LaserJet and Designjet Printers; Scanjet Scanners; Multifunction, All-in-One and Digital Sender Products</p> <p><b>Available:</b> 8 a.m.–5 p.m. local time, Monday through Friday</p> <p><b>Location:</b> Sites within 100 miles of a primary HP Support Office listed in the HP Support Office Guide</p> <p><b>Action:</b> Next business day onsite response</p>
<b>4-Hour Response, Extended Business Hours</b>	<p><b>Products:</b> LaserJet, Color LaserJet and Designjet Printers; Multifunction Products</p> <p><b>Available:</b> 8 a.m.–9 p.m., Monday through Friday</p> <p><b>Location:</b> Sites within 100 miles of a primary HP Support Office listed in the HP Support Office Guide</p> <p><b>Action:</b> 4-hour onsite service (for calls received by 5 p.m. local time)</p>
<b>4-Hour Response, Standard Business Hours</b>	<p><b>Products:</b> Designjet Printers</p> <p><b>Available:</b> 8 a.m.–5 p.m., Monday through Friday</p> <p><b>Location:</b> Sites within 100 miles of a primary HP Support Office listed in the HP Support Office Guide</p> <p><b>Action:</b> 4-hour onsite service (for calls received by 1 p.m. local time)</p>
<b>Remote Color Profiling</b>	<p><b>Products:</b> Designjet Printers</p> <p><b>Available:</b> 8 a.m.–5 p.m., Monday through Friday</p> <p><b>Location:</b> Service will be provided using remote diagnosis and support. Customer is responsible for mailing test target to HP, implementing and/or installing profile upon receipt</p> <p><b>Action:</b> HP will provide an ICC-compliant color profile for supported PostScript model printers and non-PostScript models with 3rd party RIPs</p>
<b>Installation Service</b>	<p><b>Products:</b> Business Inkjet, LaserJet, Color LaserJet and Designjet Printers; Multifunction and All-in-One Products</p> <p><b>Available:</b> HP standard business hours, Monday through Friday</p> <p><b>Location:</b> Sites within 100 miles of a primary HP Support Office listed in the HP Support Office Guide</p> <p><b>Action:</b> Standard hardware installation or networked hardware installation and configuration</p>
<b>Post Warranty Service, Next Day Exchange</b>	<p><b>Products:</b> Deskjet, Business Inkjet, LaserJet, Color LaserJet and Designjet Printers; All-in-One Products; Print Server Appliances</p> <p><b>Available:</b> 8 a.m.–6 p.m. local time, Monday through Friday,</p> <p><b>Location:</b> Most areas within the continental United States; add 1 to 2 days for service in Hawaii and Alaska</p> <p><b>Action:</b> Permanent replacement product sent, freight prepaid with next-business-day delivery (for calls received before 2 p.m. PST); customer returns defective unit to HP within 10 business days of receiving replacement; for customers with either expired standard HP warranty or expired HP Care Pack service</p>
<b>Post Warranty Service, Next Business Day Response</b>	<p><b>Products:</b> Business Inkjet, LaserJet, Color LaserJet and Designjet Printers; Multifunction, All-in-One and Digital Sender Products</p> <p><b>Available:</b> HP standard business hours, Monday through Friday</p> <p><b>Location:</b> Sites within 100 miles of a primary HP Support Office listed in the HP Support Office Guide</p> <p><b>Action:</b> Next business day onsite response for customers with either expired standard HP warranty or expired HP Care Pack service</p>
<b>Post Warranty Service, 4-Hour Response, Extended Business Hours</b>	<p><b>Products:</b> LaserJet, Color LaserJet and Designjet Printers; Multifunction Products</p> <p><b>Available:</b> 8 a.m.–9 p.m., Monday through Friday</p> <p><b>Location:</b> Sites within 100 miles of a primary HP Support Office listed in the HP Support Office Guide</p> <p><b>Action:</b> 4-hour onsite service (for calls received by 5 p.m.) for customers with either expired standard HP warranty or expired HP Care Pack service</p>
<b>Maintenance Kit Replacement Service</b>	<p><b>Products:</b> Designjet Printers</p> <p><b>Available:</b> HP standard business hours, Monday through Friday</p> <p><b>Location:</b> Sites within 100 miles of a primary HP Support Office listed in the HP Support Office Guide</p> <p><b>Action:</b> After you schedule the service with HP, an HP-trained technician will replace the kit, clean the printer and provide you with a checklist of performed actions designed to maintain the print quality</p>
<b>Hardware Phone Support</b>	<p><b>Products:</b> All Products</p> <p><b>Available:</b> 8 a.m.–5 p.m., Monday through Friday</p> <p><b>Action:</b> Priority Support Team of second-level agents and engineers who are specially trained to support IT professionals and multi-tiered, centralized help desks are made available to you</p>

# HP Care Pack Compatibility and Ordering Information

- This chart contains HP Care Pack service contracts compatible with products in this guide. HP Care Packs with an "A" suffix are physical Care Packs that qualified resellers purchase and sell from inventory. HP Care Packs with an "E" suffix are those that qualified resellers purchase electronically from HP. HP Care Packs with a "PA" or "PE" suffix are post warranty service. To learn more about them, visit <http://hp.com/partners/us>.
- HP Care Pack product numbers may be updated on a monthly basis. For a complete list of the most current information on product numbers, visit <http://hp.com/partners/us> and select "site map" to find product numbers.

## Compatibility and Ordering Information

- **"A" suffix = physical Care Pack.**
- **"E" suffix = electronic Care Pack.**
- **"PA" or "PE" suffix = post warranty service.**

Hardware Product	Product Number
Contract Type: Term	
<b>HP Photosmart Digital Cameras:</b>	
<b>M22 • M417 • M517 • R717 • R817</b>	
Next Day Exchange: 2 years	U8226A/E
Next Day Exchange: 3 years	U4794A/E
Next Day Exchange with Accidental Damage Protection:	
2 years	U8236A/E
3 years	U8237A/E
<b>HP Photosmart Photo Printers:</b>	
<b>8050 • 8250 • 8750 • 335 • 385 • 425 • 475</b>	
Next Day Exchange: 2 years	U8227A/E
Next Day Exchange: 3 years	U4798A/E
<b>HP Deskjet Printers:</b>	
<b>450ci • 450cbi • 450wbt • 9800 • 9800d</b>	
Next Day Exchange: 3 years	H3683E
Post Warranty Service:	
Next Day Exchange: 1 year	U3520PE
<b>460c • 460cb • 460wf • 460wbt</b>	
Next Day Exchange: 2 years	HC235A/E
Next Day Exchange: 3 years	HC236A/E
<b>3930 • 3940 • 5440 • 5650 • 5940 • 6122 • 6540 • 6540dt • 6840 • 6840dt</b>	
Next Day Exchange: 2 years	U8224A/E
Next Day Exchange: 3 years	U4778A/E
<b>HP Officejet Pro and Business Inkjet Printers:</b>	
<b>Business Inkjet 1000 • 1200d • 1200dn • 1200dm • 1200dtn • 1200dtnw</b>	
Next Day Exchange: 3 years	U6491E
Post Warranty Service:	
Next Day Exchange: 1 year	U8015PE
<b>Business Inkjet 2300 • 2300n • 2300dn • 2800 • 2800dt • 2800dm</b>	
Next Day Exchange: 3 years	H7674E
Next Business Day Response: 3 years	H7672E
Installation Service	H4513E (1 printer)
Post Warranty Service:	
Next Day Exchange: 1 year	H5776PE
Next Business Day Response: 1 year	H5777PE
<b>Officejet Pro K550 Series • K850 Series</b>	
Next Day Exchange: 2 years	HC235A/E
Next Day Exchange: 3 years	HC236A/E
<b>HP LaserJet Printers:</b>	
<b>1020 • 1022 Series</b>	
Next Day Exchange: 3 years	U6490E
Next Day Exchange 1-time: 2 years	UC745E
Post Warranty Service:	
Next Day Exchange: 1 year	U8014PE
<b>1160 • 1320 Series</b>	
Next Day Exchange: 3 years	H5465E
Next Business Day Response: 3 years	H5473E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service:	
Next Day Exchange: 1 year	H5738PE
Next Business Day Response: 1 year	H2639PE

Hardware Product	Product Number
Contract Type: Term	
<b>HP LaserJet Printers (cont):</b>	
<b>2400 Series</b>	
Next Day Exchange: 3 years	U3790E
Return to Depot: 3 years	U3789E
Next Business Day Response: 3 years	U3791E
Installation Service	UC741E (1 printer), UC742E (1 network)
Post Warranty Service:	
Next Day Exchange: 1 year	U3793PE
Next Business Day Response: 1 year	U3792PE
<b>4240n • 4250 Series</b>	
Next Day Exchange: 3 years	U2889E
Return to Depot: 3 years	H2657E
Next Business Day Response: 3 years	H5479E
Installation Service	UC741E (1 printer), UC742E (1 network)
Post Warranty Service:	
Next Day Exchange: 1 year	U6403PE
Next Business Day Response: 1 year	H2664PE
<b>4350 Series • 5100 Series</b>	
Next Business Day Response: 3 years	U3469E
4-Hour Response, Extended Business Hours: 3 years	U3470E
Installation Service	UC741E (1 printer), UC742E (1 network)
Post Warranty Service:	
Next Business Day Response: 1 year	U3472PE
4-Hour Response, Extended Business Hours: 1 year	U3511PE
<b>8150 Series</b>	
Next Business Day Response: 3 years	H5491E
4-Hour Response, Extended Business Hours: 3 years	H5492E
Installation Service	H7617E (1 printer), H7621E (1 network)
Post Warranty Service:	
Next Business Day Response: 1 year	H3182PE
4-Hour Response, Extended Business Hours: 1 year	U2033PE
<b>9050 Series</b>	
Next Business Day Response: 3 years or 1.8M pages	H7599E
4-Hour Response, Extended Business Hours: 3 years or 1.8M pages	H7603E
Installation Service	H7617E (1 printer), H7621E (1 network)
Post Warranty Service:	
Next Business Day Response: 1 year or 600K pages	H7629PE
4-Hour Response, Extended Business Hours: 1 year or 600K pages	H7633PE
<b>HP Color LaserJet Printers:</b>	
<b>2550n</b>	
Next Day Exchange: 3 years	U4929E
Next Business Day Response: 3 years	U2893E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service:	
Next Day Exchange: 1 year	U4930PE
Next Business Day Response: 1 year	U2895PE

## Compatibility and Ordering Information

- **"A" suffix = physical Care Pack.**
- **"E" suffix = electronic Care Pack.**
- **"PA" or "PE" suffix = post warranty service.**

Hardware Product Contract Type: Term	Product Number
<b>HP Color LaserJet Printers (cont):</b>	
<b>2600n</b>	
Next Day Exchange: 3 years	UC733E
Return to Depot: 3 years	HC123E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service: Next Day Exchange: 1 year Return to Depot: 1 year	UC739PE HC124PE
<b>3000 Series • 3600 Series</b>	
Next Business Day Response: 3 years	U8037E
4-Hour Response, Extended Business Hours: 3 years	U8038E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year:	U8039PE U8040PE
<b>3800 Series</b>	
Next Business Day Response: 3 years	U8037E
4-Hour Response, Extended Business Hours: 3 years	U8038E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year:	U8039PE U8075PE
<b>4700 Series</b>	
Next Business Day Response: 3 years	H3113E
4-Hour Response, Extended Business Hours: 3 years	U3795E
Installation Service	H2872E (1 network)
<b>5550 Series</b>	
Next Business Day Response: 3 years	H5549E
4-Hour Response, Extended Business Hours: 3 years	H2691E
Installation Service	H4515E (1 printer), H2872E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year	H3184PE U2035PE
<b>9500n • 9500hdn</b>	
Next Business Day Response: 3 years	U6487E
4-Hour Response, Extended Business Hours: 3 years	U6488E
Installation Service	H4513E (1 printer), H2872E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year	U6493PE U6494PE
<b>HP Designjet Printers:</b>	
<b>30 • 30n</b>	
Next Day Exchange: 3 years	H7708E
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Post Warranty Service: Next Day Exchange: 1 year	U3531PE
<b>70 • 110plus • 110plus nr</b>	
Next Day Exchange: 3 years	U3423E
Installation Service	UC743E (1 printer), UC744E (1 network)
Post Warranty Service: Next Day Exchange: 1 year	U3530PE

Hardware Product Contract Type: Term	Product Number
<b>HP Designjet Printers (cont):</b>	
<b>90 • 90r • 90gp</b>	
Next Day Exchange: 3 years	U3423E
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Installation Service	UC743E (1 printer), UC744E (1 network)
Post Warranty Service: Next Day Exchange: 1 year	U3530PE
<b>130 • 130nr • 130gp</b>	
Next Day Exchange: 3 years	U3423E
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Post Warranty Service: Next Day Exchange: 1 year	U3530PE
<b>500</b>	
Next Business Day Response: 3 years	H5652E
Next Business Day Response: 4 years	H3642E
Next Business Day Response: 5 years	H3643E
Installation Service	H7604E (1 printer), H4518E (1 network)
Post Warranty Service: Next Business Day Response: 1 year	H4610PE
<b>800 • 800ps</b>	
Next Business Day Response: 3 years	H5729E
Next Business Day Response: 4 years	H3639E
Next Business Day Response: 5 years	H3640E
4-Hour Response, Extended Business Hours: 3 years	H4701E
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Installation Service	H7604E (1 printer), H4518E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year	H4609PE H5741PE
<b>1050c Plus • 1055cm Plus</b>	
Next Business Day Response: 3 years	H5655E
Next Business Day Response: 4 years	H3628E
Next Business Day Response: 5 years	H3629E
4-Hour Response, Standard Business Hours: 3 years	H2815E
4-Hour Response, Extended Business Hours: 3 years 4 years 5 years	H2816E H3636E H3637E
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Installation Service	H7604E (1 printer), H4518E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year	H4608PE H5730PE
<b>4000 • 4000ps</b>	
Next Business Day Response: 3 years	H5655E
4-Hour Response, Standard Business Hours: 3 years	H2815E
4-Hour Response, Extended Business Hours: 3 years	H2816E
Installation Service	H7604E (1 printer), H4518E (1 network)
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year	H4608PE H5730PE
Maintenance Kit Replacement (per event)	UA308E

# HP Care Pack Compatibility and Ordering Information

## Compatibility and Ordering Information

- **"A" suffix = physical Care Pack.**
- **"E" suffix = electronic Care Pack.**
- **"PA" or "PE" suffix = post warranty service.**

Hardware Product Contract Type: Term	Product Number
<b>HP DesignJet Printers (cont.):</b>	
<b>5500 Series (42-inch models)</b>	
Next Business Day Response: 3 years	H5504E
Next Business Day Response: 4 years	H3615E
Next Business Day Response: 5 years	H3616E
4-Hour Response, Standard Business Hours: 3 years	H3619E
4-Hour Response, Extended Business Hours: 4 years	H3625E
5 years	H3626E
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Installation Service	H4518E (1 network)
Post Warranty Service: Next Business Day Response: 1 year	H4607PE
<b>5500 Series (60-inch models)</b>	
Next Business Day Response: 3 years	H5505E
Next Business Day Response: 4 years	H3601E
Next Business Day Response: 5 years	H3602E
4-Hour Response, Standard Business Hours: 3 years	H3605E
Remote Color Profiling	UC217E (1 profile), UC218E (3 profiles)
Installation Service	H7604E (1 printer), H4518E (1 network)
Post Warranty Service: Next Business Day Response: 1 year	H4606PE
<b>815mfp</b>	
Next Business Day Response: 3 years	U2006E
Installation Service	H7604E (1 printer), H4518E (1 network)
Post Warranty Service: Next Business Day Response: 1 year	U3535PE
<b>4200</b>	
Next Business Day Response: 3 years	U3799E
Installation Service	H7604E (1 printer), H4518E (1 network)
Post Warranty Service: Next Business Day Response: 1 year	U8048PE
<b>HP ScanJet Scanners:</b>	
<b>4370 • 4850 • 4890 • 5590 • 7650</b>	
Next Day Exchange: 2 years	U8223A/E
Next Day Exchange: 3 years	U4784A/E
<b>8200 • 8250</b>	
Next Day Exchange: 3 years	U4939E
<b>8290</b>	
Next Day Exchange: 3 years	U4937E
Next Business Day Response: 3 years	U4938E
<b>HP Multifunction and All-in-One Products:</b>	
<b>Officejet 4215 • 5510 • 6210 • 7210 • 7310 • 7410 •</b>	
<b>PSC 1410 • 1510 • 1610</b>	
Next Day Exchange: 2 years	U8225A/E
Next Day Exchange: 3 years	U4790A/E
<b>Officejet 9110 • 9120 • 9130</b>	
Next Day Exchange: 3 years	U9815E
Next Business Day Response: 3 years	U9816E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service: Next Day Exchange: 1 year Next Business Day Response: 1 year	U9819PE U9820PE

Hardware Product Contract Type: Term	Product Number
<b>HP Multifunction and All-in-One Products (cont.):</b>	
<b>Officejet 5610</b>	
Next Day Exchange: 3 years	U4790E
<b>Photosmart 2575 • 3210 • 3310</b>	
Next Day Exchange: 2 years	U8227A/E
Next Day Exchange: 3 years	U4798A/E
<b>LaserJet 3015 • 3020 • 3030</b>	
Next Day Exchange: 3 years	U9810E
Return to Depot: 3 years	U9809E
Next Business Day Response: 3 years	U9811E
Installation Service	H4513E (1 printer)
Post Warranty Service: Next Day Exchange: 1 year Next Business Day Response: 1 year	U9812PE U9813PE
<b>LaserJet 3380</b>	
Next Day Exchange: 3 years	H5471E
Next Day Exchange 1-time	UA349E
Next Business Day Response: 3 years	H5478E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service: Next Day Exchange: 1 year Next Business Day Response: 1 year	H5739PE H2649PE
<b>LaserJet 4100mfp • 4101mfp • 4345mfp Series</b>	
Next Business Day Response: 3 years	H7668E
4-Hour Response, Extended Business Hours: 3 years	H7686E
Installation Service	U2009E (1 printer), U2010E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year	H7688PE H7689PE
<b>LaserJet 9040mfp • 9050mfp</b>	
Next Business Day Response: 3 years or 1.8M pages	H7685E
4-Hour Response, Extended Business Hours: 3 years or 1.8M pages	H7690E
Installation Service	U2013E (1 printer), U2014E (1 network)
Post Warranty Service: Next Business Day Response: 1 year or 600K pages 4-Hour Response, Extended Business Hours: 1 year or 600K pages	H7695PE H7697PE
<b>LaserJet 9055mfp • 9065mfp</b>	
Please contact your HP sales representative or authorized reseller for information on HP service/support options.	
<b>9085mfp • Color 9850mfp</b>	
Please contact your HP sales representative or authorized reseller for information on HP service/support options.	
<b>Color LaserJet 2820 • 2840</b>	
Next Business Day Response: 3 years	UA337E
Installation Service	H4513E (1 printer), H3110E (1 network)
Post Warranty Service: Next Business Day Response: 1 year	UA346PE
<b>Color LaserJet 4730mfp Series</b>	
Next Business Day Response: 3 years	HC113E
4-Hour Response, Extended Business Hours: 3 years	HC116E
Installation Service	U2010E (1 network)

## Compatibility and Ordering Information

- **"A" suffix = physical Care Pack.**
- **"E" suffix = electronic Care Pack.**
- **"PA" or "PE" suffix = post warranty service.**

<b>Hardware Product</b>	<b>Product Number</b>
Contract Type: Term	

### HP Multifunction and All-in-One Products (cont):

#### Color LaserJet 9500mf

Next Business Day Response: 3 years	H4597E
4-Hour Response, Extended Business Hours: 3 years	H4603E
Installation Service	U2013E (1 printer), U2014E (1 network)
Post Warranty Service: Next Business Day Response: 1 year 4-Hour Response, Extended Business Hours: 1 year	U2039PE  U2037PE

### HP Fax Products:

#### 1040 • 1050 • 1240

Next Day Exchange: 2 years	U8225A/E
Next Day Exchange: 3 years	U4790A/E

### HP Digital Projectors:

#### mp2210 • mp3135 • mp3220 • vp6300 Series • xp8020

Next Day Exchange: 3 years	U4802A/E
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### Digital Sending Software:

#### 9200c

Next Business Day Response: 3 years	H4659E
Post Warranty Service: Next Business Day Response: 1 year	H4660PE

### HP Print Server Appliances:

#### 4250

Next Day Exchange: 3 years	H4614E
Post Warranty Service: Next Day Exchange: 1 year	U6404PE



# HP Paper-Handling Solutions

# HP Paper-Handling Solutions

Help your customers save time and money and print their way to big productivity gains by including HP's broad range of paper-handling solutions with their purchase of HP printing products.

## Product pointers

The choice of HP paper-handling accessories is wide and caters to virtually every need. Don't overlook the opportunity to enhance the performance, capacity and capability of HP printers, scanners and multifunction products with the following solutions:

### Output devices

- Flexible output devices make it easier to accommodate multiple users, high-volume printing and special document-finishing features.
- Assign mailboxes to individuals or workgroups for easy job separation and retrieval.
- Increase total output capacity for high-volume and unattended printing.
- Several devices include multi-position stapling for the creation of a wide range of documents, ready for distribution in just one step.

### Input trays

- Improve productivity by increasing total paper capacity, reducing paper refills and reducing media size and type changes.
- Allows printing on multiple paper types and sizes from different trays.
- Provides greater printer flexibility for large print jobs, unattended printing and highly demanding work environments.

### Automatic two-sided printing accessories

- For customers who want to print on both sides of the paper.
- Provides cost savings, optimizes paper usage and reduces storage space requirements.
- Essential for booklet printing and the creation of documents such as brochures, newspapers and manuals.

### Envelope feeders

- Increases flexibility by providing additional input capacity of up to 100 envelopes.
- Reduces printer interaction by eliminating manual envelope loading.

### Automatic document feeders

- Copy and scan multipage documents in one easy step.
- Save valuable time by feeding up to 100-page documents.
- Some devices handle two-sided originals.

HP 3,000-sheet stacker



HP 8-bin mailbox



HP 250-sheet input tray for Inkjet products



HP 1,000-sheet side input tray



HP 2,000-sheet input tray



HP automatic two-sided printing accessory for Inkjet products



HP 100-envelope feeder



## Additional information

### Sales

- [www.hp.com](http://www.hp.com)

### Service

- [www.hp.com/cposupport](http://www.hp.com/cposupport)
- **Third-party solutions**
- [www.hp.com](http://www.hp.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AAA0-0791ENUC

# HP Paper-Handling Solutions Compatibility and Ordering Information

## Compatibility and ordering information

- These accessories are available as options unless otherwise noted.
- Those that ship standard with the product are indicated in **bold**.

	Part No.	Compatibility
<b>Output Devices:</b>		
8-Bin Mailbox <sup>1</sup>	C4785A	HP LaserJet 8150, 8150n, 8150dn
8-Bin Mailbox <sup>2</sup>	Q5693A	HP LaserJet 9040mfp, 9050, 9050n, 9050dn, 9050mfp; HP Color LaserJet 9500mfp
7-Bin Mailbox	C4783A	HP LaserJet 8150, 8150n, 8150dn
5-Bin Mailbox With Stapler <sup>1</sup>	C4787A	HP LaserJet 8150, 8150n, 8150dn
3-Bin Mailbox	Q5692A	HP LaserJet 4345mfp, 4345x mfp, 4345xs mfp, 4345xm mfp
500-Sheet Stacker	Q2442A	HP LaserJet 4200 <sup>2,3</sup> , 4200n <sup>3</sup> , 4200m <sup>3</sup> , 4200dn <sup>3</sup> , <b>4200dms<sup>3</sup></b> , 4200dmsl <sup>3</sup> , 4300 <sup>3</sup> , 4300n <sup>3</sup> , 4300m <sup>3</sup> , 4300dn <sup>3</sup> , <b>4300dms<sup>3</sup></b> , 4300dmsl <sup>3</sup>
500-Sheet Stacker	Q2442B	HP LaserJet 4250, 4250n, 4250m, 4250dn, 4250dmsl, 4350n, 4350m, 4350dn, 4350dmsl
500-Sheet Stapler/Stacker	Q2443A	HP LaserJet 4200 <sup>2,3</sup> , 4200n <sup>3</sup> , 4200m <sup>3</sup> , 4200dn <sup>3</sup> , 4200dms <sup>3</sup> , <b>4200dmsl<sup>3</sup></b> , 4300 <sup>3</sup> , 4300n <sup>3</sup> , 4300m <sup>3</sup> , 4300dn <sup>3</sup> , 4300dms <sup>3</sup> , <b>4300dmsl<sup>3</sup></b>
500-Sheet Stapler/Stacker	Q2443B	HP LaserJet 4250, 4250n, 4250m, 4250dn, <b>4250dmsl</b> , 4350n, 4350m, 4350dn, <b>4350dmsl</b>
500-Sheet Stapler/Stacker	Q5691A	HP LaserJet 4345mfp, 4345x mfp, 4345xs mfp, 4345xm mfp
3,000-Sheet Stacker <sup>1</sup>	C4779A	HP LaserJet 8150, 8150n, 8150dn, <b>8150hn</b>
3,000-Sheet Stacker	C8084A	HP LaserJet 9000 <sup>2,3</sup> , 9000n <sup>2,3</sup> , 9000dn <sup>2,3</sup> , 9000Lmfp <sup>2,3</sup> , 9000mfp <sup>2,3</sup> , 9040mfp, 9050 <sup>2</sup> , 9050n <sup>2</sup> , 9050dn <sup>2</sup> , 9050mfp; HP Color LaserJet 9500hdn, 9500mfp
3,000-Sheet Stapler/Stacker <sup>1</sup>	C4788A	HP LaserJet 8150, 8150n, 8150dn
3,000-Sheet Stapler/Stacker	C8085A	HP LaserJet 9000 <sup>2,3</sup> , 9000n <sup>2,3</sup> , 9000dn <sup>2,3</sup> , <b>9000hns<sup>2,3</sup></b> , 9000Lmfp <sup>2,3</sup> , 9000mfp <sup>2,3</sup> , 9040mfp, 9050 <sup>2</sup> , 9050n <sup>2</sup> , 9050dn <sup>2</sup> , 9050mfp; HP Color LaserJet 9500hdn, 9500mfp
3,000-Sheet Stapler/Stacker	Q3633A	HP LaserJet 9055mfp, 9065mfp
3,000-Sheet Stapler/Stacker	Q3219A	HP 9085mfp
3,000-Sheet Stapler/Stacker	Q5686A	HP Color 9850mfp
Multifunction Finisher	C8088A	HP Color LaserJet 9500hdn
Multifunction Finisher <sup>2</sup>	C8088B	HP LaserJet 9000 <sup>3</sup> , 9000n <sup>3</sup> , 9000dn <sup>3</sup> , 9000hns <sup>3</sup> , <b>9000hmf<sup>3</sup></b> , 9000Lmfp <sup>3</sup> , 9000mfp <sup>3</sup> , 9040mfp, 9050, 9050n, 9050dn, 9050mfp; HP Color LaserJet 9500mfp
2,500-Sheet Multifunction Finisher	Q3634A	HP LaserJet 9055mfp, 9065mfp
3,000-Sheet Multifunction Finisher	Q3220A	HP 9085mfp
3,000-Sheet Multifunction Finisher	Q5687A	HP Color 9850mfp
100-Sheet Output Tray	Q3640A	HP LaserJet 9055mfp, 9065mfp
150-Sheet Output Tray	Q5683A	HP 9085mfp
Cover Sheet Inserter	Q3636A	HP LaserJet 9055mfp, 9065mfp; HP Color 9850mfp
Post Insertion Kit (cover inserter)	Q3221A	HP 9085mfp
2-Hole Punch Kit	Q3689A	HP LaserJet 9055mfp, 9065mfp; HP Color 9850mfp
3-Hole Punch Kit	Q3635A	HP LaserJet 9055mfp, 9065mfp; HP Color 9850mfp
Hole Punch Unit	Q3222A	HP 9085mfp
Hole Punch Unit with Z fold	Q3223A	HP 9085mfp
Trimmer <sup>4</sup>	Q3224A	HP 9085mfp
Trimmer Unit <sup>5</sup>	Q5688A	HP Color 9850mfp
Trimmer Unit Adapter Kit	Q5689A	HP Color 9850mfp
<b>Input Trays:</b>		
100-Sheet Multipurpose Tray	C8568A	HP LaserJet 9000 <sup>3</sup> , <b>9000n<sup>3</sup></b> , <b>9000dn<sup>3</sup></b> , <b>9000hns<sup>3</sup></b> , <b>9000hmf<sup>3</sup></b> , <b>9000Lmfp<sup>3</sup></b> , <b>9000mfp<sup>3</sup></b> , 9050, <b>9050n</b> , <b>9050dn</b>
100-Sheet Multipurpose Tray	C8227A	HP Business Inkjet 3000, 3000n, 3000dn
250-Sheet Input Tray	C8956A	HP Deskjet 6122, 6127
250-Sheet Input Tray	Q3447A	HP Deskjet 5650, 5850 <sup>3</sup> , 6540, <b>6540dt</b> , 6840, <b>6840dt</b> ; HP Photosmart 2710, 7760, 7960 <sup>3</sup> , 8150, 8450
250-Sheet Input Tray	C8220A	HP Color Inkjet cp1700 <sup>1</sup> , cp1700d <sup>1</sup> , cp1700ps <sup>1</sup>
250-Sheet Input Tray	C8236A	HP Business Inkjet 1100d <sup>3</sup> , <b>1100dm<sup>3</sup></b> , 1200, 1200dn, 1200dtn, 1200dtnw
250-Sheet Input Tray	C8261A	HP Business Inkjet 2800, <b>2800dt</b> , <b>2800dm</b>
250-Sheet Input Tray	C7310A	HP Officejet 7110 <sup>1</sup> , 7130 <sup>3</sup> , <b>7140xi<sup>1</sup></b> ; HP Digital Copier Printer 610 <sup>3</sup>
250-Sheet Input Tray	Q6211A	HP Officejet 7310
250-Sheet Input Tray	Q3709A	HP Color LaserJet 2550L, 2550Ln, <b>2550n</b>
250-Sheet Input Tray	C8237A	HP Officejet 9110, <b>9120</b> , <b>9130</b>
250-Sheet Input Tray	Q6459A	HP Color LaserJet 2600n
250-Sheet Input Tray	Q3952A	HP Color LaserJet 2820, <b>2840</b>
250-Sheet Feeder Tray	Q2485A	HP LaserJet 1300 <sup>3</sup> , 1300n <sup>3</sup>
250-Sheet Feeder Tray	Q1865A	HP LaserJet 5100, 5100n, 5100dn

<sup>1</sup>Requires 2,000-sheet input tray (C4781A).

<sup>2</sup>Requires 2,000-sheet input tray (C8531A).

<sup>3</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

<sup>4</sup>For use with 3,000-sheet multifunction finisher (Q3220A).

<sup>5</sup>Requires trimmer unit adapter kit (Q5689A).

## Compatibility and ordering information

- These accessories are available as options unless otherwise noted.
- Those that ship standard with the product are indicated in **bold**.

	Part No.	Compatibility
<b>Input Trays (cont.):</b>		
350-Sheet Feeder Tray	Q4184A	HP LaserJet 8150, 8150n, 8150dn, 8150hn
500-Sheet Input Tray	C8245A	HP Business Inkjet 2300, 2300n, <b>2300dn</b>
500-Sheet Input Tray	Q2440B	HP LaserJet 4250, 4250n, <b>4250m, 4250dn, 4250dtnsl, 4350n, 4350m, 4350dn, 4350dtnsl</b>
500-Sheet Input Tray	Q5963A	HP LaserJet 2420, 2420d, 2420dn, 2430, 2430n, <b>2430t, 2430dn</b>
500-Sheet Input Tray	Q5968A	HP LaserJet 4345mfp, 4345x mfp, 4345xs mfp, 4345xm mfp
500-Sheet Input Tray	Q3710A	HP Color LaserJet 2550L, 2550Ln, 2550n
500-Sheet Input Tray	Q2486A	HP Color LaserJet 3500, 3500n, 3550, 3550n, 3700, 3700n, 3700dn, <b>3700dn</b>
500-Sheet Input Tray	Q3673A	HP Color LaserJet 4650, 4650n, 4650dn, <b>4650dn, 4650hdn</b>
500-Sheet Input Tray	C7130A	HP Color LaserJet 5500 <sup>1</sup> , 5500n <sup>1</sup> , 5500dn <sup>1</sup> , <b>5500dn<sup>1</sup>, 5500hdn<sup>1</sup></b>
500-Sheet Input Tray	C7130B	HP Color LaserJet 5550, 5550n, 5550dn, <b>5550dn, 5550hdn</b>
500-Sheet Input Tray	C8238A	HP Officejet 9110, 9120, 9130
500-Sheet Feeder Input Tray (without feeder)	C8056A	HP LaserJet 4100mfp, 4101mfp
500-Sheet Feeder Tray	C7065B	HP LaserJet 2300L <sup>1</sup> , 2300 <sup>1</sup> , 2300n <sup>1</sup> , 2300d <sup>1</sup> , 2300dn <sup>1</sup> , <b>2300dn<sup>1</sup></b>
500-Sheet Feeder Tray	C8055A	HP LaserJet 4100mfp, <b>4101mfp</b>
500-Sheet Feeder Tray	Q2440A	HP LaserJet 4200 <sup>1</sup> , 4200n <sup>1</sup> , <b>4200m<sup>1</sup>, 4200dn<sup>1</sup>, 4200dtns<sup>1</sup>, 4200dtnsl<sup>1</sup></b> , 4300 <sup>1</sup> , 4300n <sup>1</sup> , <b>4300t<sup>1</sup>, 4300dn<sup>1</sup>, 4300dtns<sup>1</sup>, 4300dtnsl<sup>1</sup></b>
500-Sheet Feeder Tray	Q1866A	HP LaserJet 5100, 5100m, 5100dn
2 x 500-Sheet Input Tray	C4780A	HP LaserJet 8150, 8150n, 8150dn
2 x 500-Sheet Feeder/Pedestal	Q3674A	HP Color LaserJet 4650, 4650n, 4650dn, 4650dn, <b>4650hdn</b>
700-Sheet Input Tray	C8226A	HP Business Inkjet 3000, 3000n, <b>3000dn</b>
1,000-Sheet Side Input Tray	C7839A	HP Color LaserJet 8550mfp <sup>1</sup>
1,500-Sheet Feeder Input Tray	Q2444A	HP LaserJet 4200 <sup>1</sup> , 4200n <sup>1</sup> , 4200m <sup>1</sup> , 4200dn <sup>1</sup> , 4200dtns <sup>1</sup> , 4200dtnsl <sup>1</sup> , 4300 <sup>1</sup> , 4300n <sup>1</sup> , 4300t <sup>1</sup> , 4300dn <sup>1</sup> , 4300dtns <sup>1</sup> , 4300dtnsl <sup>1</sup>
1,500-Sheet High Capacity Input Tray	Q2444B	HP LaserJet 4250, 4250n, 4250tn, 4250dn, 4250dtnsl, 4350n, 4350tn, 4350dn, 4350dtnsl
2,000-Sheet Input Tray	C4781A	HP LaserJet 8150, 8150n, 8150dn, <b>8150hn</b>
2,000-Sheet Input Tray	C8531A	HP LaserJet 9000 <sup>1</sup> , 9000n <sup>1</sup> , 9000dn <sup>1</sup> , <b>9000hns<sup>1</sup>, 9000hnf<sup>1</sup>, 9000Lmfp<sup>1</sup>, 9000mfp<sup>1</sup></b> , 9050, 9050n, 9050dn
2,500-Sheet Input Tray	Q5690A	HP Color 9850mfp
4,000-Sheet High Capacity Input (letter)	Q3637A	HP LaserJet 9055mfp, 9065mfp; HP 9085mfp
4,000-Sheet High Capacity Input (ledger)	Q3638A	HP LaserJet 9055mfp, 9065mfp; HP 9085mfp
<b>Automatic Two-Sided Printing Accessories:</b>		
Automatic Two-Sided Printing Accessory	C8955A	HP Deskjet 995ck <sup>1</sup> , 5150 <sup>1</sup> , 5650, 5850 <sup>1</sup> , <b>6122, 6127</b> ; HP Officejet 6110 <sup>1</sup> ; HP PSC 2410 <sup>1</sup> , 2510 <sup>1</sup> ; HP Digital Copier Printer 410 <sup>1</sup> ; HP Photosmart 7660 <sup>1</sup> , 7760, 7960 <sup>1</sup>
Automatic Two-Sided Printing Accessory	Q5712A	HP Deskjet 6540, <b>6540dt, 6840, 6840dt</b> ; HP Photosmart 2610, 2710, 8150, 8450; HP Officejet 7210
Automatic Two-Sided Printing Accessory with Small Paper Tray	Q3032A	HP Deskjet 6540, 6540dt, 6840, <b>6840dt</b> ; HP Officejet 7210, 7310, 7410; HP Photosmart 2610, 2710, 8150, 8450
Automatic Two-Sided Printing Accessory	C8248A	HP Deskjet 9650 <sup>1</sup> , <b>9670<sup>1</sup></b> , 9680 <sup>1</sup>
Automatic Two-Sided Printing Accessory	C6437A	HP Officejet 7110 <sup>1</sup> , <b>7130<sup>1</sup>, 7140xi<sup>1</sup></b>
Automatic Two-Sided Printing Accessory	C8219A	HP Color Inkjet cp1700 <sup>1</sup> , <b>cp1700d<sup>1</sup></b> , cp1700ps <sup>1</sup> ; HP Business Inkjet 2600 <sup>1</sup> , <b>2600dn<sup>1</sup></b>
Automatic Two-Sided Printing Accessory	C8247A	HP Business Inkjet 2300, 2300n, <b>2300dn</b>
Automatic Two-Sided Printing Accessory	C6258A	HP Deskjet 9800, <b>9800d</b>
Automatic Two-Sided Printing Accessory	C8258A	HP Business Inkjet 2800, <b>2800dt, 2800dn</b>
Automatic Two-Sided Printing Accessory	C8228A	HP Business Inkjet 3000, 3000n, <b>3000dn</b>
Automatic Two-Sided Printing Accessory	C8054A	HP LaserJet 4100mfp, <b>4101mfp</b>
Automatic Two-Sided Printing Accessory	Q2439A	HP LaserJet 4200 <sup>1</sup> , 4200n <sup>1</sup> , 4200m <sup>1</sup> , 4200dn <sup>1</sup> , <b>4200dtns<sup>1</sup>, 4200dtnsl<sup>1</sup></b> , 4300 <sup>1</sup> , 4300n <sup>1</sup> , 4300t <sup>1</sup> , 4300dn <sup>1</sup> , <b>4300dtns<sup>1</sup>, 4300dtnsl<sup>1</sup></b>
Automatic Two-Sided Printing Accessory	Q2439B	HP LaserJet 4250, 4250n, 4250tn, <b>4250dn, 4250dtnsl, 4350n, 4350tn, 4350dn, 4350dtnsl</b>
Automatic Two-Sided Printing Accessory	Q1864A	HP LaserJet 5100, 5100m, <b>5100dn</b>
Automatic Two-Sided Printing Accessory	C4782A	HP LaserJet 8150, 8150n, <b>8150dn, 8150hn</b> ; HP Color LaserJet 8550mfp <sup>1</sup>
Automatic Two-Sided Printing Accessory	C8532A	HP LaserJet 9000 <sup>1</sup> , 9000n <sup>1</sup> <b>9000dn<sup>1</sup>, 9000hns<sup>1</sup>, 9000hnf<sup>1</sup>, 9000Lmfp<sup>1</sup>, 9000mfp<sup>1</sup></b> , 9050, 9050n, <b>9050dn</b>
Automatic Two-Sided Printing Accessory	C9674A	HP Color LaserJet 9500n, <b>9500hdn</b>
Automatic Two-Sided Printing Accessory	Q5969A	HP LaserJet 4345mfp, 4345x mfp, 4345xs mfp, 4345xm mfp
Automatic Two-Sided Printing Accessory	CB005A	HP Business Inkjet 1000
Automatic Two-Sided Printing Accessory	Q3582A	HP Photosmart 8250
<b>Envelope Feeders:</b>		
75-Envelope Feeder	C8053B	HP LaserJet 4100mfp, 4101mfp
75-Envelope Feeder	Q2438A	HP LaserJet 4200 <sup>1</sup> , 4200n <sup>1</sup> , 4200m <sup>1</sup> , 4200dn <sup>1</sup> , 4200dtns <sup>1</sup> , 4200dtnsl <sup>1</sup> , 4300 <sup>1</sup> , 4300n <sup>1</sup> , 4300t <sup>1</sup> , 4300dn <sup>1</sup> , 4300dtns <sup>1</sup> , 4300dtnsl <sup>1</sup>
75-Envelope Feeder	Q2438B	HP LaserJet 4250, 4250n, 4250tn, 4250dn, 4250dtnsl, 4350n, 4350tn, 4350dn, 4350dtnsl, 4345mfp, 4345x mfp, 4345xs mfp, 4345xm mfp
100-Envelope Feeder	C3765B	HP LaserJet 8150, 8150n, 8150dn, 8150hn
<b>Automatic Document Feeders:</b>		
100-Sheet Automatic Document Feeder	C7837A	HP Color LaserJet 8550mfp <sup>1</sup>
100-Sheet Automatic Document Feeder	Q3228A	HP Color 9850mfp
50-Sheet Automatic Document Feeder	C9937A	HP Scanjet 8200, 8250, <b>8290</b>

<sup>1</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

# HP LaserJet Printer Memory

# HP LaserJet Printer Memory

Designed to boost printer performance—especially useful for multiple copies as well as memory-demanding files like presentation slides and advanced desktop publishing.



## Product pointers

### Monochrome printing

Tests using HP LaserJet monochrome printers show a range of performance improvements when base memory is supplemented. The degree of benefit depends on the types of files being printed. Users should consider adding RAM if they frequently print the following:

- Multiple-copy slide sets
- Web-based HTML files
- PDF files
- Desktop publishing
- Graphics and presentation slides

### Color printing

Tests using HP Color LaserJet printers show a range of performance improvements when base memory is supplemented. The degree of benefit depends on the types of files being printed. Users should consider adding RAM if they frequently print the following:

- Color presentations
- Graphics-rich files
- Desktop publishing
- Photo images

## Compatibility and ordering information

Memory and Mass Storage	Part No.	Compatibility
<b>SDRAM DIMM (100-pin)</b>		
8 MB	C7842A	HP LaserJet 1300 <sup>1</sup> , 1320, 2300 <sup>1</sup> , 4200 <sup>1</sup> , 4300 <sup>1</sup> , 5100, 8150 and 9000 <sup>1</sup> Series, 1220 <sup>1</sup> , 9000Lmfp <sup>1</sup> and 9000mfp <sup>1</sup> ; HP Color LaserJet 8550mfp <sup>1, 2</sup>
16 MB	C7843A	
<b>SDRAM DIMM (100-pin)</b>		
32 MB	C7845A	HP LaserJet 1300 <sup>1</sup> , 1320, 2300 <sup>1</sup> , 3380, 4200 <sup>1</sup> , 4300 <sup>1</sup> , 5100, 8150 and 9000 <sup>1</sup> Series, 1220 <sup>1</sup> , 9000Lmfp <sup>1</sup> and 9000mfp <sup>1</sup> ; HP Color LaserJet 2550 Series, 2820, 2840 and 8550mfp <sup>1, 2</sup>
<b>SDRAM DIMM (100-pin)</b>		
48 MB	Q2694A	HP LaserJet 4200 Series <sup>1</sup>
<b>SDRAM DIMM (100-pin)</b>		
64 MB	Q1887A	HP LaserJet 1300 <sup>1</sup> , 1320, 2300 <sup>1</sup> , 3380, 4200 <sup>1</sup> , 4300 <sup>1</sup> , 5100 and 9000 <sup>1</sup> Series, 1220 <sup>1</sup> , 4100mfp, 4101mfp, 9000Lmfp <sup>1</sup> , 9000mfp <sup>1</sup> , 9055mfp and 9065mfp; HP Color LaserJet 2550 Series, 2820, 2840 and 8550mfp <sup>1, 2</sup>
<b>SDRAM DIMM (100-pin)</b>		
64 MB	C9680A	HP LaserJet 8150 Series
<b>SDRAM DIMM (100-pin)</b>		
128 MB	C9121A	HP LaserJet 1320, 2300 <sup>1</sup> , 4200 <sup>1</sup> , 4300 <sup>1</sup> , 5100 and 9000 <sup>1</sup> Series, 4100mfp, 4101mfp, 9000Lmfp <sup>1</sup> , 9000mfp <sup>1</sup> , 9055mfp and 9065mfp; HP Color LaserJet 2550 Series, 2820 and 2840
<b>SDRAM DIMM (168-pin)</b>		
64 MB	C7848A C7850A	HP Color LaserJet 3700, 5500 <sup>1</sup> and 9500 Series
128 MB		
<b>SDRAM DIMM (168-pin)</b>		
256 MB	C9653A	HP Color LaserJet 3700, 5500 <sup>1</sup> and 9500 Series
<b>DDR DIMM (100-pin)</b>		
64 MB	Q2625A Q2626A Q2627A	HP LaserJet 2400, 4250, 4350, 4345mfp and 9050 Series, 9040mfp and 9050mfp
128 MB		
256 MB		
512 MB	Q2628A	HP LaserJet 4250, 4350 and 9050 Series
<b>DDR DIMM (200-pin)</b>		
128 MB	Q2630A Q2631A Q2632A	HP Color LaserJet 4650 and 5550 Series
256 MB		
512 MB		

<sup>1</sup>This product is included from a previous edition of the IRG and does not appear in the current guide.

<sup>2</sup>DIMMs must be added in equal pairs.

## Additional information

### Sales

- [www.hp.com](http://www.hp.com)

### Third-party solutions

- [www.hpgsc.com](http://www.hpgsc.com)

### Reseller

- <http://hp.com/partners/us>
- **Supplies and accessories**
- [www.hp.com](http://www.hp.com)
- HP Supplies IRG, November 4AA0-0791ENUC

# HP Programs

## PartnerONE helps you grow your top and bottom line

PartnerONE is an efficient, integrated and flexible partnering program that helps Business Development Partners grow their top and bottom lines and rewards performance and initiative. PartnerONE is a single, unified infrastructure and reinforces HP's continuing commitment and investment in the channel.

### How does PartnerONE work?

- PartnerONE helps you grow your top and bottom line—PartnerONE provides web-based marketing tools, making it easy to deploy demand creation and lead generation campaigns. Business Development Partners can easily access Campaign Central, a one-stop shop for professional direct marketing campaigns. Partners can also take advantage of Sales Engines, which provide training and tools for partners to develop, close and implement solutions that are compelling to end-user customers. The electronic Sales and Marketing (SAM) Toolkit also contains marketing collateral to assist with promotions, demonstration equipment benefits and a proposal generator. HP provides Partner Business Managers (PBMs) to help Gold and Platinum partners grow their share of the market with the highly effective PartnerONE Collaborative Business Development process.
- PartnerONE rewards performance and initiative—PartnerONE compensates partners for expertise and sales volume. By becoming trained and certified on HP products and solutions, or by selling large volumes of HP products and services, all partners can increase their membership level and receive PartnerONE rebates. Partners can also earn rebates by targeting non-HP accounts, displacing competitors' equipment or selling solutions with applications developed for HP platforms. Because PartnerONE is a performance-based program, Business Development Partners who deliver the biggest value to HP will reap the greatest benefits of the program.

- One efficient, integrated and flexible program—PartnerONE reduces program administration time and complexity across the entire HP product and services portfolio so that you have more time to sell. It also offers you flexibility and rewards you for your selected selling motion—reselling or influencing.

### Announcing the new PartnerONE Network Tool

The Network Tool provides incentives to Business Development Partners that have areas of expertise aligned with HP's go-to-market initiatives. Partners are eligible for participation in the Network Tool by reaching revenue and/or competency goals required by any of the three networks that make up the tool: the Market Network, the Technology Network and the Solutions Network.

**The Market Network** is designed to reward partners that invest in key market segments, including SMB, Diversity and Public Sector.

**The Technology Network** is designed to reward partners that invest in key HP technology expertise, including storage, servers, software and networking. Partners may achieve Elite status.

**The Solutions Network** is designed to reward partners that invest in key HP/third party solutions and/or a proprietary application.

#### For U.S. partners only

For more information about HP PartnerONE and the Network Tool, please visit HP Partner Portal at [www.hp.com/partners/us](http://www.hp.com/partners/us)

#### For Canadian partners

For more information about HP PartnerONE.ca, please visit [www.hp.com/partners/ca/PartnerONE](http://www.hp.com/partners/ca/PartnerONE)



# Campaign Central—the marketing tool you’ve been waiting for

## What Is Campaign Central?

Campaign Central is an electronic, co-marketing tool that provides HP partners with an easy and inexpensive method to launch co-branded email, direct mail, e-catalog and literature campaigns promoting HP products and services to customers (database information will not be shared with HP).

## Tools Within the Tool Help Partners Succeed

In addition to the campaign execution elements, the tool also provides:

- Direct mail list rental services—provided by Harte Hanks
- Campaign 101—marketing tutorial
- Campaign planner—ROI calculator
- Order status/results—campaign results feedback mechanism
- What’s new—information about new offers, content and site features
- Discounted campaigns—details subsidized/free campaigns

## Build a Custom Marketing Campaign

Campaigns include your company logo and contact information, along with the content elements you select. You also have the flexibility to include a custom call to action. The tool utilizes templates and offers a variety of HP content categories addressing:

- Products (storage, clients, servers, printing and imaging, software)
- Programs (trade-in)
- Services (support packs)
- Vertical segments (real estate, public sector)

## How to Access Campaign Central

- Enter HP Partner Portal at [www.hp.com/partners/us](http://www.hp.com/partners/us) for U.S. or [www.hp.com/partners/ca](http://www.hp.com/partners/ca) for Canada
- Select “Toolkit”
- Select “Campaign Central” under “Promotion and Advertising”

Pricing/turnaround time<sup>1</sup>

Format	Setup fee <sup>2</sup>	Per unit fee <sup>2</sup>	Timeline
HTML e-mail	\$249	first 1000 e-mail addresses are free \$.05 per e-mail address >1000	1 business day
6 x 11 postcard	\$249	\$.79 (with postage) or \$.44 (bulk)	5-7 business days
Pamphlet	\$249	\$.99 (with postage) or \$.68 (bulk)	5-7 business days
e-catalog	\$499	n/a	5 business days
Literature	\$129	\$.39 1-sided \$.55 2-sided \$.79 4-sided	5-7 business days

<sup>1</sup> Pertains to U.S. only. To see Canadian information visit [www.hp.com/partners/ca](http://www.hp.com/partners/ca).

<sup>2</sup> Visit the Campaign Central website to view current pricing.



Join the wireless revolution that has people no longer caring about who gets the corner office.

**Your Logo Here** business partner

Reader mailing address here  
123 Main Street  
Anytown, ID 33333

John G. Sample  
1234 Main Street  
Anytown, ID 12345-6789

RECEIVED  
123456789  
PAID  
100000000



**hp**

The ultramobile PC that adapts to the way you work

**HP Compaq Tablet PC TC1100**

Experience versatility and performance with the new HP Compaq Tablet PC TC1100. Its tablet mode, “digital ink,” handwriting recognition, integrated wireless LAN and Bluetooth, and fast processors from Intel open up a richer world of productivity.

Versatile—it transforms into three form factors, whatever suits your work environment at the moment

Ultra portable—a very lightweight Tablet PC with a long battery life

Affordable—take advantage of HP’s trade-in program or great lease rate

Your custom 200 character offer here...The HP Compaq Tablet PC TC1100 starts at \$1849! Call us or visit our Web site today for more information on the ultramobile PC that adapts to the way you work.

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# HP Trade-In Program

## Trade any product, any brand

The HP Trade-In Program is a simple, seamless way for HP customers to upgrade to HP products and get paid the current fair market value for their aging technology. Spanning every product category, the program has the added benefit of eliminating the hassles (and in most cases, the costs!) of old technology disposal by simplifying the shipping process.

## Additional features

Beyond the ongoing program, we also offer enhanced, time-sensitive promotions as further incentive to upgrade to HP technology. Because the HP Trade-In Program allows you to trade any quantity, we have created a custom quote process to help manage the trade-in process for our large corporate customers whose needs include quantities in excess of 50 units and extended rollouts that may span multiple locations. Learn more at [www.hp.com/go/customtradein](http://www.hp.com/go/customtradein).

## Business partner friendly

HP business partners can also leverage the program to help their customers upgrade to new HP products. To learn more about this option, look for us in the programs section at: [www.hp.com/partners/us](http://www.hp.com/partners/us).

## HP Exchange/Sale Program: the Trade-In Program for public sector<sup>1</sup>

Created specifically for federal, state, local or educational organizations that can't accept back-end rebates, this new program enables you to take advantage of market trade-in values while reducing the cost of new HP products. An alternative to the traditional Excess/Surplus methodology, the HP Exchange/Sale Program captures the highest fair market value available on trade-in and is entirely in compliance with the General Service Administration's (GSA) Federal Property Management regulations.

Learn more about the HP Trade-In Program on the web at: [www.hp.com/go/tradein](http://www.hp.com/go/tradein) or call us at 1-888-593-3835.

Get more information about the HP Exchange/Sale Program at: [www.hp.com/go/exchangesale](http://www.hp.com/go/exchangesale) or call us at 1-877-766-3050 ext. 366.

<sup>1</sup> Program not applicable in Canada.

## Donate

A new option for donating used IT assets.

- Online tool gives instant tax deduction value quotes
- Donated products are placed with deserving recipients
- Certain products categories apply

This program is made possible through a partnership with the National Cristina Foundation.

Learn more at [www.hp.tradeups.com/hpdonations.asp](http://www.hp.tradeups.com/hpdonations.asp)

## Trade products in any of these categories:

- Desktops
- Notebooks
- PC servers
- Monitors
- Printers
- Plotters
- Copiers
- Digital cameras
- PDAs
- Projectors
- Networking
- Storage products
- Tablet PCs
- Workstations
- Servers

# HP Planet Partners Program

HP Planet Partners return and recycling program enables simple, convenient recycling of original HP inkjet and LaserJet supplies and any brand of computer hardware. We ensure that your returned products are recycled properly, processing them to recover valuable plastics and metals for new products and diverting millions of tons of waste from landfills.

## HP inkjet and LaserJet supplies recycling

It's easy and free. When your HP inkjet or LaserJet print cartridge is empty, return it for recycling by using the preaddressed, postage-paid label or envelope found in many HP LaserJet and inkjet print cartridge boxes.

For more information or to order additional postagepaid shipping materials, visit [www.hp.com/recycle](http://www.hp.com/recycle).

## The recycling process

What happens when you return an HP print cartridge or any brand of computing hardware for recycling? Our state-of-the-art recycling facilities process each return through a multi-phase recycling process. No HP print cartridges returned and recycled through Planet Partners are sent to landfill. Products are sorted and shredded, then separated into plastics and metals. Residual ink, foam or toner are also separated and disposed of in an environmentally responsible manner. Recovered plastic and metal materials are further processed into their raw forms so they can be used in new HP products, automotive parts, clothes hangers, microchip processing trays, serving trays, shoe soles, spools and other everyday products.



For more information about the HP Planet Partners program, please call 1-800-340-2445 Monday through Saturday 6am–9pm and Sunday 7am–5pm Mountain Standard Time. Or visit our website at [www.hp.com/recycle](http://www.hp.com/recycle).

## HP inkjet and LaserJet print cartridge recycling facts

- In 2004, more than 15 million HP inkjet and LaserJet print cartridges were returned worldwide for recycling through the Planet Partners program.
- Since the program began, as of December 2004, more than 91 million HP LaserJet and HP inkjet print cartridges have been returned and recycled worldwide, representing a weight greater than 203 million pounds.
- The HP Planet Partners return and recycling program for HP printing supplies has been operating for the past 13 years and today extends to customers in more than 36 countries, regions and territories.

Service feature	HP inkjet print cartridge recycling	HP LaserJet supplies recycling
<b>More information</b>	Visit <a href="http://www.hp.com/recycle">www.hp.com/recycle</a> or call 1-800-340-2445. In Canada, call 1-800-474-6836.	Visit <a href="http://www.hp.com/recycle">www.hp.com/recycle</a> , see instructions and shipping label in new product box, or call 1-800-340-2445. In Canada, call 1-800-474-6836.
<b>How to return one product</b>	Please check inside your HP inkjet print cartridge box for a postage-paid return and recycling envelope, or request a postage-paid envelope from <a href="http://www.hp.com/recycle">www.hp.com/recycle</a> .	Please check inside your HP LaserJet print cartridge box for a postage-paid return and recycling label, or request or print a postage-paid label from <a href="http://www.hp.com/recycle">www.hp.com/recycle</a> .
<b>How to return multiple products or HP large-format supplies</b>	Request a pre-addressed, postage-paid box (holds 10 to 100 HP inkjet cartridges or 1 to 10 HP large-format cartridges) at <a href="http://www.hp.com/recycle">www.hp.com/recycle</a> .	<p><b>For two to eight cartridges:</b></p> <ol style="list-style-type: none"> <li>1. Package each empty HP LaserJet print cartridge in its original bag and box.</li> <li>2. Tape up to eight single boxes together using strapping or packaging tape (up to 70 lbs).</li> <li>3. Use a single pre-paid shipping label.</li> </ol> <p><b>OR</b></p> <ol style="list-style-type: none"> <li>1. Use your own suitable box, or request a free bulk collection box from <a href="http://www.hp.com/recycle">www.hp.com/recycle</a> or call 1-800-340-2445.</li> <li>2. Use a single pre-paid shipping label.</li> </ol>
<b>Cost</b>	No charge	No charge













# HP Resource Directory

Resource	Description	Details
<b>FOR RESELLERS</b>		
<b>HP Partner Portal</b> (Requires eligible HP outlet ID number, user name and password for access)	Online access to full business assistance, up-to-date product and program information, literature and e-mail alerts.	<a href="http://hp.com/partners/us">http://hp.com/partners/us</a>
<b>Current Price Information</b>	Online access to HP pricing.	<b>Select Prices.</b>
<b>Literature Ordering</b>	Online access to HP literature.	<b>Select Index, I, Instant Reference Guides.</b>
<b>HP Printing and Digital Imaging Products Online IRG</b>	Online access to HP Printing and Digital Imaging product information via HP Partner Portal; view or print the latest product data.	<b>Select Products, Instant Reference Guide (IRG) web site link, Printing &amp; Imaging.</b>
<b>E-Mail Alert News</b>	Provides resellers with the latest product, program, promotion and training news from HP.	<b>Select News to view messages. Select Update Your News Profile to sign up.</b>
<b>HP Channel Support Center</b> (Requires eligible HP outlet ID number for access)	For HP authorized and registered resellers; pre- and post-sale technical support.	<b>1-800-544-9976</b>
<b>HP Supplies IRG</b>	Guide to promoting, selling and ordering new and current HP supplies.	<b>4AA0-0791ENUC</b>
<b>Suppliesinfo</b>	Delivers HP supplies online sales training, knowledge of HP's science of printing campaign, tools and resources, program information and support. New registrants contact Suppliesinfo customer support from link on site to receive code.	<b>www.suppliesinfo.com</b>
<b>FOR RESELLERS AND END-USER CUSTOMERS</b>		
<b>HP Home Page</b>	Online access to HP's products, services and support.	<b>www.hp.com</b>
<b>HP Printing Supplies Home Page</b>	Online access to HP's supplies.	<b>www.hp.com/go/printsupplies</b>
<b>HP Customer Care Website</b>	Free, one-stop, online access to technical support for HP PC, printer and imaging products.	<b>www.hp.com/cpsupport/eschome.html</b>
<b>HP Parts Ordering</b>	Place parts orders online, check order status.	<b>www.partsdirect.hp.com</b>
<b>HP Partsurfer</b>	Online access to HP service parts information.	<b>http://partsurfer.hp.com</b>
<b>HP Subscriber's Choice</b>	Free e-mail notification service for product and technical support alerts.	<b>http://subscription.support.hp.com/hpss/home</b>
<b>HP Care Pack Look-up Tool</b>	Online access to HP Care Pack product numbers and pricing.	<b>http://hp.com/go/lookuptool</b>
<b>HP Printing and Digital Imaging Products Family Guide</b>	At-a-glance overview provides resellers with product name, product number, photo and U.S. list prices for current HP Printing and Digital Imaging products.	<b>http://hp.com/partners/us</b> <b>Select Index, I, Instant Reference Guides</b> <b>November: 4AA0-2221ENUC</b> <b>January: 4AA0-2222ENUC</b>
<b>HP Printing and Digital Imaging Products Selection Guide</b>	High-level, solutions-based customer brochure positions HP Printing and Digital Imaging products relative to needs within various environments.	<b>http://hp.com/partners/us</b> <b>Select Index, I, Instant Reference Guides</b> <b>November: 4AA0-2220ENUC</b> <b>January: 4AA0-2223ENUC</b>
<b>HP LaserJet Font Solutions</b>	Custom signature and logo fonts are available for your LaserJet printer.	<b>661-257-5571 opt. 1 or</b> <b>www.hp.com/go/laserjetfonts</b>
<b>HP Glossary of Specifications</b>	Online reference to specification definitions, special offers, news and events and catalog and news requests.	<b>www.hp.com/go/glossary</b>
<b>Third-Party Solutions</b>	Find solutions that integrate with your HP Printing and Digital Imaging products.	<b>www.hpgsc.com</b>
<b>HP Product Accessibility</b>	HP is committed to providing products and services that are accessible to people with disabilities.	<b>www.hp.com/accessibility</b> <b>1-888-259-5707</b>
<b>HP Financing</b>	HP finance plans provide all the benefits of new technology without the risk or cost of ownership.	<b>1-888-999-4783</b>
<b>HP Color Printing Center</b>	Online access to reliable color printing solutions for your office.	<b>www.hp.com/go/color</b>
<b>FOR END-USER CUSTOMERS</b>		
<b>Customer Care Support Line</b>	Provides assistance for HP Printing and Digital Imaging products.	<b>1-800-HPINVENT</b>
<b>Service Information Line</b>	Automated 24-hour service-reseller referral system.	<b>1-800-243-9816 (U.S.)</b> <b>1-800-387-3867 (Canada)</b>
<b>FOR CANADIAN RESELLERS</b>		
<b>Reseller Sales Consulting</b>	For HP authorized resellers; pre- and post-sale technical support.	<b>1-800-668-7670</b>
<b>HP Partner Portal</b>	Online access to full business assistance, up-to-date product and program information, literature and e-mail alerts.	<b>http://www.hp.ca/pweb</b>
<b>FOR CANADIAN RESELLERS AND END-USER CUSTOMERS</b>		
<b>HP Home Page</b>	Online access to HP's products, services and support.	<b>http://www.hp.ca</b>
<b>Customer Care Support Lines</b>	Service and support for all HP consumer computing products and all consumer and commercial imaging and printing products. Service and support for all Compaq branded (consumer) personal computing products.	<b>1-800-HPINVENT or</b> <b>905-206-HOME (4663)</b> <b>1-800-OKCOMPAAQ or</b> <b>905-206-HELP (4357)</b>

The HP logo is rendered in a white, lowercase, sans-serif font. It is positioned in the upper right quadrant of a large orange rectangular area. The letters 'h' and 'p' are connected at the bottom. The background consists of several overlapping orange and white rectangular shapes that create a stepped, architectural effect.

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