

HP Designjet Z2100 Photo Printer series



HP's 8-ink Designjet delivers superior colour accuracy and consistency with the first-ever embedded spectrophotometer¹. Produce vivid, large format prints (up to 610 mm or 1117 mm) in colour or black-and-white with 8 new HP Vivera pigment inks.



HP Designjet Z2100 610 mm Photo Printer



HP Designjet Z2100 GP 610 mm Photo Printer



HP Designjet Z2100 1117 mm Photo Printer

Ideal for graphic designers, fine artists and photographers who need to create high-quality, large format (610 mm to 1117 mm) prints and concept proofs with accurate and consistent colours.

Create vivid high-impact colour or true black-and-white prints with 8 new HP Vivera pigment inks.

Print rich, dark blacks without wasting ink and money swapping ink cartridges. The 8 HP Vivera pigment ink cartridges within this Designjet contain three-black inks: matte black, photo black and light grey. Choose from the wide variety of HP photographic, fine-art and proofing media or boost your creativity with specialty papers from other vendors such as Hahnemühle. Print with or without borders. Produce high-quality prints that are water resistant and remain unchanged for up to 200 years³.

Achieve consistent, accurate colour with the first-ever embedded spectrophotometer².

Get colour accuracy on any paper — HP's first-ever embedded spectrophotometer² enables the printer to automatically generate custom ICC profiles for your preferred paper, simply in less than 20 minutes. This HP Designjet provides complete coverage of SWOP, ISO, EUROSCALE and FOGRA standards for colour accuracy in pre-press applications. Get predictable, consistent colours print to print, day by day, across all HP Designjet Z series Photo printers thanks to precise advanced colour calibration.

Print with complete confidence - HP preview and printhead technologies ensure reliable results.

Save time and money with advanced HP's preview technologies which help eliminate trial and error by letting you preview layout, size and position of your print on your paper. The HP Color Center tool guides you through colour management and printing. Save time and maintain your HP Designjet with HP Easy Printer Care Software: monitor printer and supplies status, get desktop alerts and automatic updates. Expect the best possible image quality with long-lasting printheads that are easy to replace.

¹ With Eye-One colour technology.

² With Eye-One colour technology

³ Display permanence rating by Wilhelm Imaging Research, Inc on a range of HP creative and specialty media. For details refer to <http://www.hp.com/go/supplies/printpermanence>.

Series at a glance



HP Designjet Z2100 610 mm Photo Printer (Q6675A)

- Base model plus 610 mm capabilities



HP Designjet Z2100 GP 610 mm Photo Printer (Q6675B)

- Base 610 mm model plus HP Advanced Profiling Solution Q6695A included in the box



HP Designjet Z2100 1117 mm Photo Printer (Q6677A)

- Base model plus 1117 mm capabilities

Recommended accessories



Q6698A
HP Designjet Zx100 44
inch Spindle for Technical



Q6699A
HP Designjet Zx100 44
inch Spindle for Graphics



Q6700A
HP Designjet Zx100 24
inch Spindle



Q6695A
HP Advanced Profiling
Solution



Q6692B
HP-GL/2 Upgrade Kit for
the HP Designjet
Z2100/Z3100 Photo
series



Q6643D
Efi Designer 5.1 for HP XL

Top 3 Accessories description

HP Designjet Zx100 44 inch Spindle for Technical (Q6698A)

HP Designjet Zx100 44 inch Spindle for Graphics (Q6699A)

HP Designjet Zx100 24 inch Spindle (Q6700A)

Ordering information



HP Designjet Z2100 610 mm Photo Printer (Q6675A)

HP Designjet Z2100 24 inch Photo Printer, spindle, printheads (4 x 2 colours), ink cartridges (8 x 69 ml), media high gloss photo sample roll (610 mm x 4.5 m), stand (24"), rear tray (24"), Adaptor Kit (3 inch) for spindle (2), quick reference guide, set-up poster, USB cable, power cord, free HP media sample kit, HP media swatchbook



HP Designjet Z2100 GP 610 mm Photo Printer (Q6675B)

as Q6675A plus HP Advanced Profiling Solution



HP Designjet Z2100 1117 mm Photo Printer (Q6677A)

as Q6675A plus 44-inch capabilities

Accessories, Supplies and Support

Accessories

Q6698A	HP Designjet Zx100 44 inch Spindle for Technical
Q6699A	HP Designjet Zx100 44 inch Spindle for Graphics
Q6700A	HP Designjet Zx100 24 inch Spindle
Q6695A	HP Advanced Profiling Solution
Q6692B	HP-GL/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo series
Q6643D	Efi Designer 5.1 for HP XL

Supplies

C9404A	HP 70 Matte Black and Cyan Printhead
C9405A	HP 70 Light Cyan and Light Magenta Printhead
C9406A	HP 70 Magenta and Yellow Printhead
C9407A	HP 70 Photo Black and Light Grey Printhead
CB339A	HP 70 130 ml Matte Black Ink Cartridge 2-pack with Vivera Ink
CB340A	HP 70 130 ml Photo Black Ink Cartridge 2-pack with Vivera Ink
CB342A	HP 70 130 ml Light Grey Ink Cartridge 2-pack with Vivera Ink
C9448A	HP 70 130 ml Matte Black Ink Cartridge with Vivera Ink

C9449A	HP 70 130 ml Photo Black Ink Cartridge with Vivera Ink
C9451A	HP 70 130 ml Light Grey Ink Cartridge with Vivera Ink
C9452A	HP 70 130 ml Cyan Ink Cartridge with Vivera Ink
C9453A	HP 70 130 ml Magenta Ink Cartridge with Vivera Ink
C9454A	HP 70 130 ml Yellow Ink Cartridge with Vivera Ink
C9455A	HP 70 130 ml Light Magenta Ink Cartridge with Vivera Ink
C9390A	HP 70 130 ml Light Cyan Ink Cartridge with Vivera Ink

Service & support

UF017A/E	HP Care Pack, Next Business Day On Site, 3 years
UF023A/E	HP Care Pack, 13x5 Same Business Day On site in 4 hours, 3 years
UF028PE	HP Care Pack, Post warranty, Next Business Day On Site, 1 year
UF027PE	HP Care Pack, Post warranty, 13x5 Same Business Day On Site in 4 hours, 1 year
UF018E	HP Care Pack, Next Business Day On Site, 4 years
UF019E	HP Care Pack, Next Business Day On Site, 5 years
H4518E	HP Care Pack, Installation & Network Configuration

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com>



Technical specifications

Print technology	HP Scalable Printing Technology		
Printhead nozzles	8448 (1056 nozzles per colour)		
Print quality	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected		
Number of inks	8 (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Light Gray, Photo Black, Matte Black)		
Ink types	HP Vivera pigmented inks		
Ink drop size	4 pl (l, lm, lg, pk), 6 pl (C, M, Y, mK)		
Lightfastness	Over 200 years (media dependent). Based on internal HP light-fade testing on HP Super Heavyweight Plus Matte Paper, HP Hahnemühle Smooth Fine Art Paper, HP Hahnemühle Watercolour Paper, HP Artist Matte Canvas. Display permanence rating by Wilhelm Imaging Research, Inc. on a range of HP creative and specialty media. For details refer to http://www.hp.com/go/supplies/printpermanence .		
Print speed	Economic quality: A1 colour image: 2.0 min/page (coated), 5.8 min/page (glossy). Productivity quality: A1 colour image: 4.2 min/page (coated), 7.9 min/page (glossy). Photo quality: A1 colour image: 9.8 min/page (coated), 15.0 min/page (glossy)		
Line	Line accuracy: +/- 0.2%. Minimum width: 0.0508 mm		
Print languages	HP PCL3 GUI. Optional: HP-GI2/RTL via Q6692A HP-GI/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo Printer series		
Memory	Standard : 128 MB; maximum : 128 MB		
Print margins (mm)		Roll	Sheet
	top:	5 mm or borderless	5 mm
	bottom:	5 mm or borderless	14 mm
	left:	5 mm or borderless	5 mm
	right:	5 mm or borderless	5 mm
Media types	Sheet feed, roll feed, automatic cutter (cuts all media except canvas) Photographic paper (satin, gloss, semi-gloss, matte), proofing paper (high-gloss, semi-gloss, matte), fine art printing material (canvas, smooth, textured, watercolor), self-adhesive and vinyl (polypropylene, vinyl), sign and banner (display film, banner, scrim, polypropylene, Tyvek®, outdoor paper), backlit, bond and coated (bond, coated, heavyweight coated, super heavyweight coated)		
Media sizes	Standard: All standard sizes larger than A4		
Maximum media length	Roll: 91.4 m. Sheet: 1676.4 mm		
Maximum media width	DJ Z2100 610 mm: 610 mm; DJ Z2100 GP 610 mm: 610 mm; DJ Z2100 1117 mm: 1117 mm		
Maximum print length	91 m (OS and application dependent)		
Media thickness	Up to 0.8 mm		
Recommended media weight	Up to 500 g/m ²		
Roll	Maximum diameter: 136 mm		
Media handling	Sheetfeed (manual single-sheet feed through rear path), roll feed, automatic cutter (cuts all media except canvas)		
Interface and connectivity	Standard: 1 10/100 BT Ethernet RJ-45 port, 1 Hi-Speed USB (compatible with USB 2.0 specifications) port, 1 EIO Jetdirect accessory slot. Optional: HP Jetdirect EIO print servers		
Control panel	240 x 160 pixel greyscale graphical display, 4 direct access buttons, 7 navigation buttons and 2 bicolour lights (Ready, Processing, Attention, Error)		
Drivers included	HP PCL 3 GUI driver, HP Color Center, HP Easy Printer Care Software		
Software	Printer drivers (HP PCL 3 GUI, HP-GI2/RTL via Q6692A HP-GI/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo Printer series), HP Color Center, HP Easy Printer Care Software		
Operating systems compatibility	Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003, Novell NetWare 5.x, 6.x, Mac OS 10.2 and higher, Citrix MetaFrame, Windows® Terminal Services. Latest driver upgrade information available on http://www.hp.designjet.com		
Network operating systems compatibility	Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003, Novell NetWare 5.x, 6.x, Mac OS 10.2 and higher, Citrix MetaFrame, Windows® Terminal Services		
Minimum system requirements	Microsoft Windows® 2000/XP: Pentium IV, 1 GHz, 1 GB RAM, 2 GB available hard disk space. Mac G3 dual processor, 512 MB RAM, 1 GB available hard disk space		
Recommended system requirements	Microsoft Windows® 2000, XP Home, XP Professional, Pentium IV, 3 GHz, 1 GB RAM, 2 GB available hard disk. Mac G3 dual processor, 512 MB RAM, 1 GB available hard disk space		
Power	Requirements: Input voltage: autoranging 100 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz), 2 amp maximum. Supply: Built-in universal power supply. Consumption: 200 watts maximum		
Dimensions (w x d x h)	Out of package: DJ Z2100 610 mm: 1262 x 732 x 1047 mm; DJ Z2100 GP 610 mm: 1262 x 732 x 1047 mm; DJ Z2100 1117 mm: 1770 x 732 x 1047 mm. Packaged: DJ Z2100 610 mm: 1470 x 780 x 740 mm; DJ Z2100 GP 610 mm: 1470 x 780 x 740 mm; DJ Z2100 1117 mm: 1960 x 775 x 600 mm		
Weight	Out of package: DJ Z2100 610 mm: 65 kg; DJ Z2100 GP 610 mm: 65 kg; DJ Z2100 1117 mm: 86 kg. Packaged: DJ Z2100 610 mm: 102 kg; DJ Z2100 GP 610 mm: 102 kg; DJ Z2100 1117 mm: 123 kg		
Operating environment	Operating temperature: 5 to 40°C. Recommended operating temperature: 15 to 35°C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 20 to 80% RH. Storage temperature: -20 to 55°C. Storage humidity: 0 to 95% RH. Sound pressure: LpAm 6.5 B(A)		
Certifications	Compliance for Class B products: EU (EMC Directive), USA (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Korea (MIC) and Taiwan (BSMI). Regulatory standards: IEC 60950-1 compliant, EU LVD and EN 60950-1 compliant, certified by CSA for Canada and US, Argentina IRAM, Singapore PSB, Russia GOST, China CCIB, Taiwan BSMI.		
Warranty	Standard Warranty: One year next business day onsite support. 1 year Warranty Extension (next business day onsite support or same business day onsite support with 4 hours response), 3 year HP Care Pack (Two options: next day onsite support, same business day onsite support with 4 hours response), basic installation, setup and network		

<http://www.hp.com/uk> <http://www.hp.com/go/designjet>



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