WHAT DO YOU HAVE TO SAY?

HP Designjet Z6100 Printer series
Halve your time.[1] Double your productivity.

Achieve amazing colour consistency with the new HP Designjet Z6100 Printer series at breakthrough speeds that make it a leader in its own class[1]. Whether for indoor signages, posters, fine art reproductions, line art or maps, you'll get prints that are vibrant and rich, fade-resistant[2] and consistent in print quality. That's multiplied productivity while halving the time[1] and effort—the kind of advantage that is going to put your business on the forefront.

Shorten turnaround times
Fastest speeds in its class[1]
As the fastest printer in its class[1], you're assured of print speeds that allow you to take on more jobs. Enjoy maximum speeds of over 1000 sq ft per hour[1] on plain paper (fast mode) and over 250 sq ft per hour on glossy paper (fast mode).

Innovation equals productivity
HP Double Swath Technology guarantees you double the performance in any print mode with its wider print path and higher firing frequency. Together with the revolutionary HP Optical Media Advance Sensor that helps overcome banding issues, you enjoy consistent quality even when printing at top speeds and across different environmental conditions. Moreover, high-capacity 775-ml original HP Ink Cartridges enable high-quality, cost-effective printing with fewer interruptions.

Unattended overnight operations
With the HP dual mode take-up reel[3] you can now leave your printer unattended—even overnight—while performing continuous production-volume printing with media support up to 575 ft (like the new HP jumbo rolls). The HP dual mode take-up reel[3] smoothly collects printed output by winding face-in or face-out printing media onto a reel that allows further finishing.

Create lasting vivid impressions
Excellent colour quality
HP Vivera pigment inks with HP media produce high-impact prints that are exceptionally fade-resistant, for up to 200 years[2] (indoor window 1+ years unlaminated, 3+ years laminated). Containing 8 HP Vivera pigment inks in total, our ink system gives you a wide colour gamut for outstanding image quality and detail. In addition, the HP Three-black ink set—matte black, photo black, and light grey—delivers a broad range of blacks and neutral greys with smooth, subtle transitions.

Enjoy crisp print resolutions of up to 2400 x 1200 optimised dpi and 1200 x 1200 input dpi with "Optimisation for Photo Paper" (black and white) option selected for HP Premium Instant-dry Gloss Photo Paper (colour).

High-speed, high-quality results
Get precise, accurate line drawings, graphics and images on banners, fine arts, backlits and over 50 original HP media with HP's innovative printhead design. In addition, its small drop sizes (6 and 4 pl) enable high-quality production-volume printing at high-speed. Together with the in-built intelligence of Original HP printing supplies making the necessary adjustments automatically to optimise print quality, you can be certain that you will achieve consistently outstanding results all the time.

Breakthrough colour accuracy and consistency with HP DreamColor technologies
Split print runs between two or more HP Designjet Z6100 printers and get consistent colours with the embedded spectrophotometer. [4]
You're assured of accurate, consistent colours across HP Designjet Z6100 series printers with the embedded spectrophotometer.[4] Utilize all your resources and confidently increase your capacity by splitting print runs between two or more printers and seeing consistent colours from them all in the end.

Get consistent colours when reprinting jobs over time regardless of fluctuating environmental conditions.
If you print a job today and then reprint the same job a week or year from now, or if you print long runs, you want to know for a fact that the different prints are going to have the same colours. You also want to be sure that the colour consistency is not affected when there are changes in temperature or humidity to your work environment. HP provides you with that peace of mind. With the spectrophotometer that is embedded within this printer, you can count on print-to-print colour accuracy and consistency.[4]

Easily add new media and get colour accuracy—the creation of ICC profiles is automatic and simple.
Creating ICC profiles can be a complex, manual process with printing, drying, and scanning colour patches using specialised software and expensive hardware. HP's embedded spectrophotometer[4] and an automated workflow bring simplicity and reliability to accurate profiling and precision printer calibration.[5]

HP Color Center tool effortlessly guides you through colour management and printing.[6]

Key technologies

HP Designjet 5500 Printer series printhead

512 nozzles per 0.85"*

HP Designjet Z6100 Printer series printhead

2112 nozzles per 1.8"*

*Maximum number of utilised nozzles will vary depending on print mode

HP Double Swath Technology

With HP Double Swath Technology, the HP Designjet Z6100 Printer series has twice the performance of the HP Designjet 5500 Printer series without sacrificing image quality or product robustness.

Two full-function, synchronised printheads cover twice the area of conventional single printhead systems without compromising on print-quality. The printheads are arranged in an overlapping, staggered pair formation, with the best-aligned nozzles used to ensure continuity between the two printheads. This system effectively doubles the number of nozzles firing from 1056 to 2112 per colour for the rapid finishing of professional colour prints with superb line accuracy.

HP Optical Media Advance Sensor

The first-ever HP Optical Media Advance Sensor allows you to print at top speeds and still get great output results. It's a direct media measurement system that provides accurate, real-time feedback on media advance to the printer. As an improved paper advance control, it helps overcome banding issues while allowing the printer to print at higher speeds and across a range of environmental conditions without compromising image quality. You'll be able to leave the printer unattended—even overnight—for production-volume printing.

Without HP Optical Media Advance Sensor

With HP Optical Media Advance Sensor

HP DreamColor Technologies

Representing a new system of colour sciences, HP DreamColor Technologies allow you to achieve accurate, predictable and consistent colour on various media across a series of digital colour devices. This system of colour displays, printers and technologies will help you create the colour your customers want, every time, by accurately matching your colour from display to printer to press. Seamless integration between applications and devices speeds up your turnaround time and lowers production costs.

HP's embedded spectrophotometer with i1 Color Technology further revolutionises professional colour workflows by automating media profiling. It allows users to automatically generate custom CMYK ICC profiles for their preferred media and provides accurate measurements for printer calibration[2] that delivers print-to-print and printer-to-printer colour consistency. Also, with the optional HP Advanced Profiling Solution, you can edit and modify existing profiles and create RGB profiles.

vivera
HP INKS
Brilliant, Enduring Color.

HP Vivera pigment inks

HP Vivera pigment inks offer outstanding image quality and fade resistance on a wide variety of photo and fine art media, along with water resistance on a range of HP creative and specialty media. HP's proprietary Electrosteric Encapsulation Technology optimises the pigment chemistry and ink properties for stability and performance to ensure broad colour gamut, excellent gloss uniformity, and consistent printing.

Extensive media portfolio[1]

HP offers a portfolio of photo papers, digital fine art papers, proofing papers, bond and coated papers, and over 50 other HP media. All have been tested with HP 70 Vivera pigment inks to deliver consistent, museum-quality prints that withstand the demands of handling, display and storage expected of professional prints.

[1] Availability of media varies according to countries.
[2] Non-Adobe PostScript printers require the HP Advanced Profiling Solution or a 3rd party RIP that supports media profiling.

HP Designjet Z6100 Photo Printer series

HP Designjet Z6100/Z6100ps
60-inch & 42-inch Printers

Embedded spectrophotometer with i1 Color Technology helps to ensure accurate, consistent colour

256 MB standard memory[2] to enable smooth printing even for large files

vivera HP INKS
Brilliant, Enduring Color.

HP Vivera pigment inks are fade resistant for over 200 years[1]

HP Optical Media Advanced Sensor, the industry's first sensor that helps to overcome banding issues even at top speeds

8-ink printing system with HP Vivera pigment inks delivers a wide colour gamut and true neutral greys for outstanding image quality and detail

1 Gigabit ethernet and 1 EIO slot (standard), and high speed USB 2.0 card and HP Jetdirect LAN cards (optional), for connectivity that is convenient, flexible and expandable

HP dual mode take-up reel[3] winds printed media onto a reel in 2 positions: face-in and face-out

Software tools like HP Color Center[6], HP Printer Utility, HP Advanced Profiling Solution and HP ProPrint Plug-in help to streamline and simplify workflows

Wide-format printing with a choice of 42-inch and 60-inch width and with or without PostScript®

Adobe® PostScript® 3™

HP DreamColor Technologies deliver consistent and accurate colour matching across various devices and media

HP DreamColor

HP Double Swath Technology creates print speeds at least 2X faster than its competitors[4]

Optional Accessories

HP Advanced Profiling Solution powered by GretagMacbeth™ technology, offers a powerful and automated, yet cost effective colour management system that works seamlessly with the HP embedded spectrophotometer[5]. It enables an easy-to-use yet sophisticated end-to-end calibrated and colour-managed workflow that saves you time, money and from the hassle of off-line measurement devices. Also included in the box is a monitor calibrator.

HP Designjet Z6100 60-inch/42-inch Spindle enables professional photo and graphic designers to switch between media rolls.

HP Designjet 256 MB Memory Upgrade empowers your printer to handle larger files while maximising print speed.

HP Designjet 42-inch Scanner allows you to maximise your printing device with best scan resolutions of up to 300 x 300 dpi.

HP Designjet 60-inch Media Bin gives you more convenience in sorting out large print jobs.

HP dual mode take-up reel enables long print runs while collecting prints for finishing, improving productivity and saving time.[3]

HP Jetdirect 630n IPv6 Gigabit Print Server, HP Jetdirect 635n IPv6/IPsec Print Server, HP Designjet High Speed USB 2.0 Card for greater connectivity and accessibility.

[1] Under certain archival conditions. Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab, and by Wilhelm Imaging Research, Inc. on a range of HP media. Water resistance and interior in-window display ratings by HP Image Permanence Lab on a range of HP media. For details: www.hp.com/go/supplies/printpermanence
[2] Expandable to 512 MB through a 256 MB Designjet-qualified DIMM.
[3] Comes standard on HP Designjet Z6100 60-inch printers only and optional (not included, sold separately) on HP Designjet Z6100 42-inch printers.
[4] Faster compared to large-format inkjet printers under US$25,000 based on the fasted-rated colour speeds, as published by manufacturers as of January 2007. Test methods vary. Up to twice the performance with better image quality and up to four times the performance with comparable image quality compared to the HP Designjet 5500 Printer series.
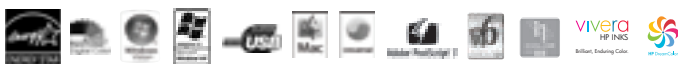[5] With i1 Color Technology.
[6] Only available on HP Designjet Z6100ps Printer series.

HP Designjet Z6100 Printer series
Technical specifications

Print speed[1]	
Fast	66.9 m²/hr (720 sq ft/hr), 42 sec/page on D/A1 (on coated paper) 23.4 m²/hr (252 sq ft/hr), 2.1 min/page on D/A1 (on glossy paper)
Best	13.7 m²/hr (147 sq ft/hr), 3.3 min/page on D/A1 (on coated paper) 9.1 m²/hr (98 sq ft/hr), 5 min/page on D/A1 (on glossy paper)
Maximum	105.4 m²/hr (1134 sq ft/hr), 35 sec/page on D/A1 (on plain paper)
Print resolution maximum	2400 x 1200 optimised dpi
Memory	256 MB standard memory[2], 40 GB hard disk
Media	
Handling	Roll feed
Types	Bond and coated paper (bond, bright white bond, coated, heavyweight coated, super heavyweight coated), technical paper (natural tracing, vellum), film (clear), photographic paper (gloss, semigloss, satin), proofing paper (high-gloss, semi-gloss, matte), backlit, self-adhesive (indoor paper, polypropylene, vinyl), banner and sign (display film, polypropylene, scrim), fine art printing material (satin canvas, matte canvas, canvas paper, aquarelle, watercolour, smooth, textured, litho-realistic)
Weight	Up to 430 g/m² depending on media type
Size	**HP Designjet Z6100/Z6100ps 42-inch Printer:** 24 to 42-inch rolls **HP Designjet Z6100/Z6100ps 60-inch Printer:** 24 to 60-inch rolls
Thickness	Up to 22 mil
Maximum roll length	175 m/575 ft
Printing	
Margins	5 x 5 x 5 x 5 mm/0.2 x 0.2 x 0.2 x 0.2 inches
Technology	HP Thermal Inkjet
Ink cartridge colours	Cyan, magenta, matte black, photo black, yellow, light cyan, light grey, light magenta
Ink types/drop	HP Vivera pigment inks/4 pl (light cyan, light magenta, light grey, photo black), 6 pl (cyan, magenta, yellow, matte black)
Ink cartridge size	775 ml ink cartridges; 775 ml ink cartridge multipacks also available
Nozzles	2 colours per printhead, 1056 nozzles per colour, 16,896 total nozzles
Minimum line width	0.067 mm/0.003 inches
Line accuracy	+/—0.1%[3]
Maximum print length	175 m/575 ft (OS and application dependent)
Connectivity	
Interfaces (standard)	One EIO slot, Gigabit Ethernet
Interfaces (optional)	HP Designjet high speed USB 2.0 card, compatible HP Jetdirect LAN cards
Print languages (standard)	**HP Designjet Z6100 Printer:** HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4 **HP Designjet Z6100ps Printer:** Adobe PostScript Level 3, Adobe PDF 1.6, HPGL/2, HP-RTL,TIFF, JPEG, CALS G4
Drivers (included)	**HP Designjet Z6100 Printer:** HP-GL/2, HP-RTL Windows drivers, support for AutoCAD 200x, support for Citrix MetaFrame environments **HP Designjet Z6100ps Printer:** HP-GL/2, HP-RTL Windows drivers, PS Windows drivers, support for AutoCAD 200x, support for Citrix MetaFrame environments, PS driver for Mac OS X v 10.2.8, 10.3, 10.4
Recommended system requirements	
Macintosh/Windows	Mac OS X v 10.2.8, 10.3, 10.4: 1 GHz PowerPC G4, 256 MB, 512 MB available hard disk space/Microsoft® Windows® Vista™, 2000, XP Home, XP Professional: Pentium IV, 3 GHz, 1 GB RAM, 2 GB available hard disk
Dimensions (w x d x h)	**HP Designjet Z6100/Z6100ps 42-inch Printer:** 1970 x 700 x 1350 mm/77.5 x 27.5 x 53 inches **HP Designjet Z6100/Z6100ps 60-inch Printer:** 2450 x 700 x 1350 mm/97 x 27.5 x 53 inches
Weight	**HP Designjet Z6100/Z6100ps 42-inch Printer:** 119 kg/262 lb **HP Designjet Z6100/Z6100ps 60-inch Printer:** 151 kg/ 333 lb
What's in the box	**HP Designjet Z6100/Z6100ps 42-inch Printer:** Printer, printheads (4 x 2 colours), introductory ink cartridges[4], maintenance cartridge, HP Heavyweight Coated Paper sample roll (42 inch x 25 ft), stand & basket (42-inch), spindle (42-inch), maintenance kit, 3 inch spindle adaptor kit, quick reference guide, setup poster, startup DVD, customer service guide, power cord; **HP Designjet Z6100/Z6100ps 60-inch Printer:** Printer, printheads (4 x 2 colours), introductory ink cartridges[4], maintenance cartridge, HP Heavyweight Coated Paper sample roll (42 inch x 25 ft), stand, take-up reel (60-inch), spindle (60-inch), maintenance kit, 3-inch spindle adaptor kit, quick reference guide, setup poster, startup DVD, customer service guide, power cord
Enviromental ranges	
Operating temperature	5 to 40° C/41 to 104° F
Recommended operating temperature	15 to 35° C/59 to 95° F
Storage temperature	-25 to 55° C/-13 to 131° F
Operating humidity	20 to 80% RH
Acoustic	
Sound pressure	Active: 51 dB(A), standby: 38 dB(A)
Sound power, active	6.8 B(A)
Power consumption	
Maximum/Powersave/Off	350 watts/23 watts/0.4 watts
Power requirements	Input voltage: 100 to 127 VAC (+/— 10%), 4 amp; 220 to 240 VAC (+/— 10%), 2 amp; 50/60 Hz (+/— 3 Hz); voltage autorange
Certification	
Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE)
Electromagnetic	Compliant with Class A requirements, including USA (FCC rules), Canada (DoC), EU (EMC Directive), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Korea (MIC), Taiwan (BSMI)
Environmental	Energy Star, EU WEEE and RoHS Directives
Warranty	One-year limited hardware warranty; 8-hour, 5 days a week phone support

[1] Mechanical printing time. Measured on a HP Designjet Z6100 60-inch printer.
[2] Expandable to 512 MB through a 256 MB Designjet-qualified DIMM.
[3] ±0.1% of the specified vector length or ±0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film.
[4] Introductory cartridges are shipped as a start-up kit.

For more information on products, technologies and services, visit http://www.hp.com/go/graphicarts

---

Ordering information

Product

Q6651A	HP Designjet Z6100 42-inch Printer
Q6652A	HP Designjet Z6100 60-inch Printer
Q6653A	HP Designjet Z6100ps 42-inch Printer
Q6654A	HP Designjet Z6100ps 60-inch Printer

Accessories

Q1277A	HP Designjet 42-inch Scanner
Q5673A	HP Designjet 256 MB Memory Upgrade
Q5680A	HP Designjet High Speed USB 2.0 Card
Q6695A	HP Advanced Profiling Solution International
Q6701A	HP Advanced Profiling Solution Asia Pacific
Q6706A	HP Designjet Z6100 42-inch take-up reel
Q6707A	HP Designjet Z6100 42-inch Spindle
Q6708A	HP Designjet Z6100 60-inch Spindle
Q6714A	HP Designjet Z6100 60-inch Media Bin
J7997G	HP Jetdirect 630n IPv6 Gigabit Print Server
J7961G	HP Jetdirect 635n IPv6/IPsec Print Server

Printheads

C9460A	HP 91 Matte Black and Cyan Printhead
C9461A	HP 91 Magenta & Yellow Printhead
C9462A	HP 91 Light Magenta & Light Cyan Printhead
C9463A	HP 91 Photo Black and Light Grey Printhead
C9518A	HP 91 Maintenance Cartridge

Single ink cartridges

C9464A	HP 91 Pigment 775-ml Matte Black Ink Cartridge
C9465A	HP 91 Pigment 775-ml Photo Black Ink Cartridge
C9466A	HP 91 Pigment 775-ml Light Grey Ink Cartridge
C9467A	HP 91 Pigment 775-ml Cyan Ink Cartridge
C9468A	HP 91 Pigment 775-ml Magenta Ink Cartridge
C9469A	HP 91 Pigment 775-ml Yellow Ink Cartridge
C9470A	HP 91 Pigment 775-ml Light Cyan Ink Cartridge
C9471A	HP 91 Pigment 775-ml Light Magenta Ink Cartridge

Ink cartridge multipacks

C9480A	HP 91 775-ml 3-ink Matte Black Cartridges Multipack
C9481A	HP 91 775-ml 3-ink Photo Black Cartridges Multipack
C9482A	HP 91 775-ml 3-ink Light Grey Cartridges Multipack
C9483A	HP 91 775-ml 3-ink Cyan Cartridges Multipack
C9484A	HP 91 775-ml 3-ink Magenta Cartridges Multipack
C9485A	HP 91 775-ml 3-ink Yellow Cartridges Multipack
C9486A	HP 91 775-ml 3-ink Light Cyan Cartridges Multipack
C9487A	HP 91 775-ml 3-ink Light Magenta Cartridges Multipack

Media supplies

Q8840A	HP Professional Satin Photo Paper 11118 mm x 15.2 m/44 in x 50 ft
Q7996A	HP Premium Instant-dry Satin Photo Paper 1067 mm x 30.5 m/42 in x 100 ft
Q7995A	HP Premium Instant-dry Gloss Photo Paper 1067 mm x 30.5 m/42 in x 100 ft
Q8757A	HP Universal Instant-dry Semi-gloss Photo Paper 1524 mm x 61 m/60 in x 200 ft
Q8756A	HP Universal Instant-dry Gloss Photo Paper 1524 mm x 61 m/60 in x 200 ft
Q8755A	HP Universal Instant-dry Semi-gloss Photo Paper 1067 mm x 61 m/42 in x 200 ft
Q8754A	HP Universal Instant-dry Gloss Photo Paper 1067 mm x 61 m/42 in x 200 ft
Q8748A	HP Premium Vivid Color Backlit Film 1067 mm x 30.5 m/42 in x 100 ft
Q8710A	HP Collector Satin Canvas 1067 mm x 15.2 m/42 in x 50 ft
Q8706A	HP Artist Matte Canvas 1067 mm x 15.2 m/42 in x 50 ft
Q6628A	HP Super Heavyweight Plus Matte Paper 1067 mm x 30.5 m/42 in x 100 ft
Q8751A	HP Universal Inkjet Bond Paper 914 mm x 175 m/36 in x 574 ft
Q8835A	HP Self Adhesive Gloss Polypropylene 1067 mm x 22.9 m/42 in x 75 ft
C6775A	HP Colorfast Adhesive Vinyl 914 mm x 12.2 m/36 in x 40 ft
Q1899B	HP Opaque Scrim 1067 mm x 15.2 m/42 in x 50 ft (not JP)

Service and support: Care packs

H5504E	HP 3 year next business day onsite hardware support (42 inch model)
H3615E	HP 4 year next business day onsite hardware support (42 inch model)
H3616E	HP 5 year next business day onsite hardware support (42 inch model)
H4607PE	HP 1 year post warranty, next business day onsite hardware support (42-inch model)
H4518E	HP installation for 1 network configuration Designjet network printer (42-inch model)
UG731E	HP 3 year next business day onsite hardware support (60 inch model)
UG732E	HP 4 year next business day onsite hardware support (60 inch model)
UG733E	HP 5 year next business day onsite hardware support (60 inch model)
UG738PE	HP 1 year post warranty, next business day onsite hardware support (60-inch model)
H4518E	HP installation for 1 network configuration Designjet network printer (60-inch model)
H7604E	HP hardware installation service

More HP media sizes and weights available at www.hp.com/go/designjet/supplies

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

HP customer information centre (for product information)		HP customer care centre (for post-sales service)	
Australia	13 23 47	Australia	13 10 47
China	800 820 2255	China	800 810 3888
Hong Kong	800 93 8855	Hong Kong	+852 3002 8555
India	1600 425 4999	India	1600 112 267
(from MTNL/BSNL LAN line)		Indonesia	+62 21 350 3408
	3030 4499 (from mobile)	Korea	1588 3003
Indonesia	0800 1111 222	Malaysia	1800 88 8588
Korea	080 703 0700	New Zealand	0800 449 553
Malaysia	1800 88 5880	Philippines	+63 2 867 3551
New Zealand	0800 733 547	Singapore	+65 6 272 5300
Philippines	1800 1441 6688	Taiwan	+886 2 8722 8000
Singapore	1800 278 8100	Thailand	+662 353 9000
Taiwan	0800 236 686	Vietnam	+848 823 4530
Thailand	+662 353 9000		
Vietnam	+848 930 2814		

For the following countries, please fax your queries to: +65 6275 6707

• Bangladesh • Bhutan • Brunei
•Cambodia • Maldives • Nepal
• Pakistan • Sri Lanka

Printed in Singapore,
200003024l-EEP (Rev 3), January 2008

hp invent

Free Manuals Download Website

http://myh66.com

http://usermanuals.us

http://www.somanuals.com

http://www.4manuals.cc

http://www.manual-lib.com

http://www.404manual.com

http://www.luxmanual.com

http://aubethermostatmanual.com

Golf course search by state

http://golfingnear.com

Email search by domain

http://emailbydomain.com

Auto manuals search

http://auto.somanuals.com

TV manuals search

http://tv.somanuals.com