HP Designjet Z2100 Photo Printer series

Get vivid, high-impact, large-format colour and black-and-white prints with HP's 8-ink Designjet.

Create vivid high-impact colour or true black-and-white prints with 8 Original HP Photo Inks.

- Print rich, dark blacks without wasting ink and money swapping ink cartridges. The 8 Original HP Photo Inks 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.

- Produce high-quality prints that are water resistant and remain unchanged for up to 200 years[2].

- Print with or without borders.

Achieve consistent, accurate colour with the first-ever embedded spectrophotometer[1].

- Get colour accuracy on any paper: HP's first-ever embedded spectrophotometer[1] enables the printer to generate custom ICC profiles for your preferred paper, simply and automatically, in under 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: simply preview layout, size and position of your print on your paper.

- The HP Color Center tool guides you through colour management and printing.

- Expect the best possible image quality with long-lasting printheads you can easily replace yourself.

[1] Embedded in this HP Designjet Photo Printer is an i1 spectrophotometer from X-Rite. Close collaboration between HP and X-Rite ensures a reliable solution that's been thoroughly tested to meet customer demands for ease, quality, and dependability.
[2] Image permanence estimates by HP Image Permanence Lab based on testing on a range of HP photo, fine art, and specialty papers; confirmation tests in progress at Wilhelm Imaging Research, Inc. For details, see http://www.hp.com/go/supplies/printpermanence.

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Technical specifications

Print

Colour images	2 min/page on A1/D or up to 13.94 m²/hr on coated media on coated media; 7.9 min/page on A1/D or up to 3.53 m²/hr on glossy media on glossy media 2 min/page on A1/D or up to 13.94 m²/hr on coated media on coated media; 7.9 min/page on A1/D or up to 3.53 m²/hr on glossy media on glossy media
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (borderless on photo roll media) Sheet: 5 x 17 x 5 x 5 mm
Technology	HP Thermal Inkjet
Ink types	Original HP Photo Inks
Ink colours	8 (cyan, magenta, yellow, light cyan, light grey, light magenta, matte black, photo black)
Ink drop	4 pl (lc, lm, lg, pK), 6 pl (C, M, Y, mK)
Print head nozzles	2112
Print Heads	4 (magenta and yellow, matte black and cyan, photo black and light grey, light magenta and light cyan)
Line accuracy	+/- 0.2% of the specified vector length or ±0.1 mm (whichever is greater) at 23° C, 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film roll feed
Guaranteed minimum line width	0.051 mm (ISO/IEC 13660:2001(E))
Maximum print length	91.4 m
Maximum optical density	2.5 maximum black optical density (4 L* min) (with HP Premium Instant Dry Photo Gloss media with Original HP inks)

Media

Handling	Sheet feed; roll feed; media bin; automatic cutter (cuts all media except canvas)
Types	Photographic, proofing, fine art printing material, self-adhesive, banner and sign, bond and coated, film, backlit, fabric/textile
Weight	Up to 500 g/m²
Size	**Q6675D:** 216 x 279 to 610 x 1676 mm; **Q6677D:** 216 x 279 to 1118 x 1676 mm;
Thickness	Up to 0.8 mm

Memory

RAM	128 MB
Hard disk	Standard, 80 GB

Connectivity

Interfaces (standard)	1 Fast Ethernet (10/100Base-T) port, 1 Hi-Speed USB 2.0 port, 1 EIO Jetdirect accessory slot
Interfaces (optional)	HP Jetdirect EIO print servers
Print languages (standard)	HP PCL 3 GUI
Drivers included	HP PCL 3 GUI

Environmental ranges

Operating temperature	5 to 40°C
Recommended operating temperature	15 to 35° C
Storage temperature	-25 to 55° C
Operating humidity	20 to 80% RH
Recommended operating humidity	20 to 80% RH
Storage humidity	0 to 95% RH

Acoustic

Sound Pressure	49 dB(A) (active, printing), 29 dB(A) (standby)
Sound Power	6.5 B(A) (active, printing), 4.4 B(A) (standby)

Dimensions (w x d x h)

Printer	**Q6675D:** 1262 x 690 x 1047 mm; **Q6677D:** 1770 x 690 x 1047 mm;
Packaged	**Q6675D:** 1470 x 780 x 740 mm; **Q6677D:** 1965 x 780 x 780 mm;

Weight

Printer	**Q6675D:** 65 kg; **Q6677D:** 86 kg;
Packaged	**Q6675D:** 102 kg; **Q6677D:** 123 kg;

Power consumption

Maximum	200 watts maximum
Power requirements	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A maximum

What's in the box

Q6675D	HP Designjet Z2100 610 mm Photo Printer, spindle, printheads (4 x 2 colours), introductory ink cartridges (x8), Original HP media roll, stand (610 mm), rear tray (610 mm), adapter kit (76 mm) for spindle (x2), quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software and training
Q6677D	HP Designjet Z2100 1118 mm Photo Printer, spindle, printheads (4 x 2 colours), introductory ink cartridges (x8), Original HP media roll, stand (1118 mm), rear tray (1118 mm), adapter kit (76 mm) for spindle (x2), quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software and training

Certification

Safety	IEC 60950-1 compliant, EU LVD and EN 60950-1 compliant, Russia GOST
Electromagnetic	Compliance for Class A products: EU (EMC Directive)
Environmental	WEEE; EU RoHS; REACH; FEMP

Warranty

	One-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product

Q6675D	HP Designjet Z2100 610 mm Photo Printer
Q6677D	HP Designjet Z2100 1118 mm Photo Printer

Accessories

Q6699A	HP Designjet Zx100 44-in Spindle for Graphics
Q6700A	HP Designjet Z/T1xxx/T6xx 24-in Spindle

Printheads

C9404A	HP 70 Matte Black and Cyan Printhead
C9405A	HP 70 Light Magenta and Light Cyan Printhead
C9406A	HP 70 Magenta and Yellow Printhead
C9407A	HP 70 Photo Black and Light Gray Printhead

Ink supplies

C9448A	HP 70 130-ml Matte Black Ink Cartridge
C9449A	HP 70 130-ml Photo Black Ink Cartridge
C9451A	HP 70 130-ml Light Gray Ink Cartridge
C9452A	HP 70 130-ml Cyan Ink Cartridge
C9453A	HP 70 130-ml Magenta Ink Cartridge
C9454A	HP 70 130-ml Yellow Ink Cartridge
C9455A	HP 70 130-ml Light Magenta Ink Cartridge
C9390A	HP 70 130-ml Light Cyan Ink Cartridge
CB339A	HP 70 2-pack 130-ml Matte Black Ink Cartridges
CB340A	HP 70 2-pack 130-ml Photo Black Ink Cartridges
CB342A	HP 70 2-pack 130-ml Light Grey Ink Cartridges
CB343A	HP 70 2-pack 130-ml Cyan Ink Cartridges
CB344A	HP 70 2-pack 130-ml Magenta Ink Cartridges
CB345A	HP 70 2-pack 130-ml Yellow Ink Cartridges
CB346A	HP 70 2-pack 130-ml Light Magenta Ink Cartridges
CB351A	HP 70 2-pack 130-ml Light Cyan Ink Cartridges

Media supplies

Q8673A	HP Professional Matte Canvas-610 mm x 6.1 m (24 in x 20 ft)
C6029C	HP Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft)
C6019B	HP Coated Paper-610 mm x 45.7 m (24 in x 150 ft)

Service & support

UF017E - HP 3 year Next Business Day Onsite Designjet Z2100 Hardware Support
UF018E - HP 4 year Next Business Day Onsite Designjet Z2100 Hardware Support
UF019E - HP 5 year Next business day Onsite Designjet Z2100 Hardware Support
UF023E HP 3 year 4 hour Response 13x5 Onsite Designjet Z2100 Hardware Support
UF027PE HP 1 year Post Warranty 4 hour Response 13x5 Onsite Designjet Z2100Hardware Support
UF028PE HP 1 year Post Warranty Next business day Onsite Designjet Z2100 Hardware Support
H4518E HP Network Installation Designjet T23-71XX/400-6200 service
H7604E - HP Physical Install Designjet T23-71XX/400-6200 service

HP Designjet Support Services offer solutions for business critical environments - installation, extended support and maintenance, as well as variety of value added services. For more information, please visit hp.com/go/designjet/support.

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. For more information, visit hp.com/go/OriginalHPinks.

For the entire HP Large Format Printing Materials portfolio, please see globalBMG.com/hp.

For more HP Large Format Media substrates and sizes please visit us online at: http://www.hp.com/go/designjet/supplies