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.

- 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 you can easily replace yourself.

TECHNICAL SPECIFICATIONS

Print

Colour images	Fast: 2 min/page on A1/D or up to 13.94 m²/hr on coated media Best: 15 min/page on A1/D or up to 1.6 m²/hr on glossy media
Print resolution	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected
Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (full bleed on glossy/satin 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)
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	0.0508 mm
Maximum print length	91.4 m
Colour accuracy	Median < 1.6 dE2000, 95% of colours < 2.8 dE2000 (ICC absolute colorimetric accuracy on HP Matte Proofing Paper)
Short term colour stability	< 1 dE2000 in less than 5 minutes with HP Premium Instant-dry Satin Photo media, right after calibration
Print-to-print repeatability	Average < 0.5 dE2000, 95% of colours < 1.4 dE2000 with HP Premium Instant-dry Satin Photo media, right after calibration
Maximum optical density	2.5 maximum black optical density (4 L* min) with HP Premium Instant Dry Gloss Photo media

Media

Handling	Sheet feed, roll feed, 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	**Z2100 610 mm:** 216 x 279 to 610 x 1676 mm; **Z2100 1118 mm:** 216 x 279 to 1118 x 1676 mm;
Thickness	Up to 0.8 mm

Memory

Standard	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

Recommended system requirements

Mac	Mac OS X v10.2, v10.3, v10.4 and later: PowerPC G4, G5 or Intel® Core™ Processor, 1 GB RAM, 2 GB available hard disk space
Windows	Microsoft® Windows® Vista®, Windows® XP Home and Professional, Server 2008, Server 2003: Intel® Pentium® 4, 3 GHz, 1 GB RAM, 2 GB available hard disk space

Dimensions (w x d x h)

Printer	**Z2100 610 mm:** 1262 x 690 x 1047 mm; **Z2100 1118 mm:** 1770 x 690 x 1047 mm;
Shipping	**Z2100 610 mm:** 1470 x 780 x 740 mm; **Z2100 1118 mm:** 1965 x 780 x 780 mm;

Weight

Printer	**Z2100 610 mm:** 65 kg; **Z2100 1118 mm:** 86 kg;
Shipping	**Z2100 610 mm:** 102 kg; **Z2100 1118 mm:** 123 kg;

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

Environmental ranges

Operating Temperature	5 to 40°C
Recommended operating temperature	15 to 35° C
Storage temperature	-25 to 55° C
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)

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

Certification

Safety	IEC 60950-1 compliant, EU LVD and EN 60950-1 compliant, Russia GOST
Electromagnetic	Compliance for Class B products: EU (EMC Directive)
ENERGY STAR	Yes

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 Z 44-in Spindle
Q6700A	HP Designjet Z/T1xxx/T6xx 24-in Spindle

Ink supplies

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 Grey Printhead
C9448A	HP 70 130-ml Matte Black Ink Cartridge
C9449A	HP 70 130-ml Photo Black Ink Cartridge
C9451A	HP 70 130-ml Light Grey 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

Q8840A	HP Professional Satin Photo Paper-1118 mm x 15.2 m (44 in x 50 ft)
Q7991A	HP Premium Instant-dry Gloss Photo Paper-610 mm x 22.9 m (24 in x 75 ft)
Q8916A	HP Everyday Pigment Ink Gloss Photo Paper-610 mm x 30.5 m (24 in x 100 ft)
Q8920A	HP Everyday Pigment Ink Satin Photo Paper-610 mm x 30.5 m (24 in x 100 ft)
Q7972A	HP Matte Litho-realistic Paper-610 mm x 30.5 m (24 in x 100 ft)
Q8673A	HP Professional Matte Canvas-610 mm x 6.1 m (24 in x 20 ft)
Q8710A	HP Collector Satin Canvas-1067 mm x 15.2 m (42 in x 50 ft)
Q8748A	HP Premium Vivid Colour Backlit Film-1067 mm x 30.5 m (42 in x 100 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

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.

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

For more information, visit our website at http://www.hp.com