

HP DesignJet Z2100 Photo Printer series



HP's affordable 8-ink printer to produce durable prints



High-impact, long-lasting color prints

- Produce vivid, high-quality color and black-and-white prints that impress your customers.
- Get rich, dark blacks on matte and glossy papers with matte black and photo black HP Photo Inks.
- 8 Original HP Photo Inks deliver durable prints in color and black-and-white lasting up to 200 years¹.
- Save time with borderless printing² and fast-drying HP Photo Inks.

Easy color calibration and profiling

- Generate custom ICC profiles and achieve color accuracy, consistency with the embedded spectrophotometer³.
- See consistent print-to-print color regardless of fluctuating environmental conditions with HP technologies.
- Boost color accuracy—complete coverage of SWOP, ISO, GRACOL, 3DAP, EUROSCALE, TOYO, and FOGRA gamut.
- Supported by industry leaders, including EFI, X-Rite, GMG, ColorByte, Adobe, Creo, and Apple.

Unattended operation with HP technologies

- Optimize performance, ink usage—automatic servicing routines help prevent nozzle clogging, reduce media waste.
- Save time—HP Printer Utility software provides printer status, desktop alerts, and automatic updates.
- Get assistance—HP Color Center tool effortlessly guides you through color management and printing.
- Eliminate trial and error with real-time layout and orientation preview.

For more information, please visit
<http://www.hp.com/go/designjetZ2100>

¹ Display permanence rating by Wilhelm Imaging Research, Inc. on a range of HP creative and specialty media. For details, see <http://www.hp.com/go/printpermanence>

² Photo paper is required to print borderless images.

³ Embedded in this HP DesignJet 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.

Technical specifications

Print	
Line drawings	¹ Mechanical printing time
Colour images	Fast: 2 min/page on A1/D or up to 13.94 m ² /hr on coated media ¹ Best: 15 min/page on A1/D or up to 1.6 m ² /hr on glossy media ¹
Print resolution	Up to 2400 x 1200 optimized dpi
Margins	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
Image quality	
Colour accuracy	Median < 1.6 dE2000, 95% of colours < 2.8 dE2000 ²
Short term colour stability	< 1 dE2000 in less than 5 minutes ²
Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colours < 1.4 dE2000 ⁴
Maximum optical density	4 L* min/2.5 D ⁵
Media	
Handling	Sheet feed; roll feed; media bin; automatic cutter (cuts all media except canvas)
Maximum media roll weight	Up to 500 g/m ²
Weight	Up to 500 g/m ²
Size	24-in models: 216 to 610-mm wide sheets; 279 to 610-mm rolls 44-in models: 216 to 1118-mm wide sheets; 279 to 1118-mm rolls
Thickness	Up to 0.8 mm
Applications	Ortphotos; Layouts and comps; Mockups; Photos; Digital fine art; Proofs
Memory	128 MB; Standard, 80 GB hard disk
Connectivity	
Interfaces (standard)	1 Fast Ethernet (10/100Base-T) port, 1 Hi-Speed USB 2.0 port, 1 EIO Jetdirect accessory slot
Print languages (standard)	HP PCL 3 GUI
Dimensions (w x d x h)	
Printer with stand	44-in: 1770 x 690 x 1047 mm
Shipping	44-in: 1965 x 780 x 780 mm
Weight	
Printer	44-in: 42 kg
Shipping	44-in: 123 kg
What's in the box	HP DesignJet Z2100 Photo Printer; spindle; printheads; introductory ink cartridges; printer stand and media bin (not in AP); rear tray; 3-in core adapter; quick reference guide; setup poster; USB cable; power cord; HP Start-up kit including printer software and training
Software available	Printer drivers, HP Printer Utility including HP Color Center
Environmental ranges	
Operating temperature	5 to 40°C
Storage temperature	-25 to 55°C
Operating humidity	20 to 80% RH
Acoustics	
Sound pressure	49 dB(A) (active); 29 dB(A) (standby)
Sound power	6.5 B(A) (active); 4.4 B(A) (standby)
Power	
Consumption	< 170 watts (printing), < 31 watts (ready), < 12 watts (< 30 watts with embedded Digital Front End) (sleep), 0.1 watts (off)
Requirements	Input voltage (auto ranging): 100-240 V (± 10%), 50/60Hz (± 3 Hz), 2 A maximum
Certification	
Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KATS)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
Environmental	WEEE; China RoHS; EU RoHS; REACH; FEMP
Warranty	One-year limited hardware warranty

Ordering information

Product	
Q6677D	HP DesignJet Z2100 1118-mm Photo Printer
Accessories	
Q6699A	HP DesignJet Zx100 44-in Spindle for Graphics
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Original HP printheads	
C9404A	HP 70 Matte Black and Cyan DesignJet Printhead
C9405A	HP 70 Light Magenta and Light Cyan DesignJet Printhead
C9406A	HP 70 Magenta and Yellow DesignJet Printhead
C9407A	HP 70 Photo Black and Light Gray DesignJet Printhead
Original HP ink cartridges	
C9448A	HP 70 130-ml Matte Black DesignJet Ink Cartridge
C9449A	HP 70 130-ml Photo Black DesignJet Ink Cartridge
C9451A	HP 70 130-ml Light Gray DesignJet Ink Cartridge
C9452A	HP 70 130-ml Cyan DesignJet Ink Cartridge
C9453A	HP 70 130-ml Magenta DesignJet Ink Cartridge
C9454A	HP 70 130-ml Yellow DesignJet Ink Cartridge
C9455A	HP 70 130-ml Light Magenta DesignJet Ink Cartridge
C9390A	HP 70 130-ml Light Cyan DesignJet Ink Cartridge
Original HP large format printing materials	
Q7994A	HP Premium Instant-dry Satin Photo Paper-914 mm x 30.5 m (36 in x 100 ft)
C2T50A	HP Universal Matte Canvas-610 mm x 15.2 m (24 in x 50 ft)
B5E92A	HP Artist Matte Canvas-610 mm x 15.2 m (24 in x 50 ft)
Q8747A	HP Premium Vivid Color Backlit Film-914 mm x 30.5 m (36 in x 100 ft)
Service and Support	
UF028PE	HP 1 year Post Warranty Next-Business-Day Onsite Service
UF017E	HP 3 year Next Business Day Onsite Support
UF018E	HP 4 year Next Business Day Onsite Support
UF019E	HP 5 year Next Business Day Onsite Support
H7604E	HP Installation Service
H4518E	HP Installation with network configuration Service
UK503E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
UK504PE	HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention

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/designjetsupport.

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays. For more information, visit hp.com/go/OriginalHPInks.

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

¹ Mechanical printing time

² ICC absolute colorimetric accuracy on HP Proofing Matte paper with Original HP inks

³ With HP Premium Instant Dry Photo Satin media with Original HP inks, right after calibration

⁴ With HP Premium Instant Dry Photo Satin media with Original HP inks, right after calibration

⁵ With HP Premium Instant Dry Photo Gloss media with Original HP inks

