

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 in colour and black-and-white with 8 HP Vivera pigment inks.



HP Designjet Z2100
24-in Photo Printer



HP Designjet Z2100
44-in Photo Printer

Ideal for graphic designers, fine artists and photographers who need to create high-quality, large format (610 mm to 1118 mm) prints and concept proofs with accurate and consistent colours.

Create vivid high-impact colour and true black-and-white prints with 8 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. 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 generate custom ICC profiles automatically for your preferred paper, in less than 20 minutes. Get complete coverage of SWOP, ISO, EUROSCALE, FOGRA, GRACOL, TOYO and 3DAP standards for colour accuracy in pre-press applications, and up to 82% PANTONE coverage. Get predictable, consistent colours 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>.

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	2112
Print resolution	Up to 2400 x 1200 optimised dpi
Ink types	HP Vivera pigment inks
Ink drop size	4 pl (l, m, lg, pK), 6 pl (C, M, Y, mK)
Lightfastness	Approximately 200 years (media dependent). Display permanence rating by Wilhelm Imaging Research, Inc. on a range of HP creative and specialty media. See www.hp.com/go/supplies/printpermanence
Print speed	Best: 15 min/page on A1/D or up to 1.6 m ² /hr on glossy media Normal: 7.9 min/page on A1/D or up to 3.53 m ² /hr on glossy media 4.2 min/page on A1/D or up to 6.69 m ² /hr on coated media Draft: 2 min/page on A1/D or up to 13.94 m ² /hr on coated media
Line	Line accuracy: +/- 0.2%
Print languages	HP PCL3 GUI
Memory	Standard: 128 MB; Maximum: 128 MB Hard disk: 80 GB.
Print margins (mm)	Roll: 5 x 5 x 5 mm (full bleed available on glossy/satin roll media); sheet: 5 x 17 x 5 x 5 mm
Color accuracy	Median < 1.6 dE2000, 95% of colors < 2.8 dE2000
Short term color stability	< 1 dE2000 in less than 5 minutes
Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000
Maximum optical density	4 L* min / 2.5 D
Media types	Photographic, proofing, fine art printing material, self-adhesive, banner and sign, bond and coated, film, backlit, fabric/textile
Media sizes	Standard: Z2100 610 mm: A4, A3, A2, A1; Z2100 1118mm: A4, A3, A2, A1, A0
Maximum media length	Sheet: 1676 mm
Maximum media width	Z2100 1118mm: 1118 mm
Media thickness	Up to 0.8 mm
Recommended media weight	Up to 500 g/m ²
Media handling	Sheet feed, roll feed, automatic cutter (cuts all media except canvas)
Interface and connectivity	Standard: 1 Fast Ethernet (10/100Base-T) port, 1 Hi-Speed USB 2.0 port, 1 EIO Jetdirect accessory slot. Optional: HP Jetdirect EIO print servers
Drivers included	HP PCL 3 GUI driver, HP Color Center, HP Easy Printer Care Software
Operating systems compatibility	Windows Vista® (32 and 64-bit), Microsoft® Windows® Server 2008 (32 and 64-bit), XP Home and Professional (32 and 64-bit), Server 2003 (32/64 bit); Mac OS X v10.4, v10.5
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
Power	Requirements: Input voltage: autoranging 100 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz), 2 amp maximum. Consumption: 200 watts maximum
Dimensions (w x d x h)	Out of package: Z2100 610 mm: 1262 x 690 x 1047 mm; Z2100 1118mm: 1770 x 690 x 1047 mm. Packaged: Z2100 610 mm: 1470 x 780 x 740 mm; Z2100 1118mm: 1965 x 780 x 780 mm
Weight	Out of package: Z2100 610 mm: 65 kg; Z2100 1118mm: 86 kg. Packaged: Z2100 610 mm: 102 kg; Z2100 1118mm: 123 kg
Operating environment	Operating temperature: 5 to 40°C. Recommended operating temperature: 15 to 35° C. Operating humidity recommended: 20 to 80% RH. Storage temperature: -25 to 55° C. Storage humidity: 0 to 95% RH. Noise level per ISO 9296: sound power: LwAd 6.5 B(A) (active, printing), 4.4 B(A) (standby). Sound pressure: LpAm 49 dB(A) (active, printing), 29 dB(A) (standby)
Certifications	Safety: IEC 60950-1 compliant, EU IVD and EN 60950-1 compliant, certified by CSA for Canada and US, Argentina IRAM, Singapore PSB, Russia GOST, China CCIB, Taiwan BSMI.. EMC 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).
Warranty	Standard Warranty: One year next business day onsite support

Ordering information

Q6675C HP Designjet Z2100 610 mm Photo Printer, spindle, printheads (4 x 2 colours), introductory ink cartridges (x8), Original HP media roll, stand, rear tray, adaptor kit for spindle (x2), quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software

Q6677C Q6675C with a HP Designjet Z2100 1118 mm Photo printer

Accessories

Q6699A HP Designjet Zx100 44-inch Spindle for Graphics

Q6700A HP Designjet Zx100/Tx100/Tx10 24-inch Spindle

Q6695A HP Advanced Profiling Solution Software

Q6692B HP GL/2 Software Key

CN088A Serif PosterDesigner Software Pro for HP Designjet Printers

Q6643D EFI Designer Edition 5.1 RIP for HP (XL) Intl

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

Media supplies

C6775A HP Adhesive Vinyl-914 mm x 12.2 m (36 in x 40 ft)

C6029C HP Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft)

Q6626A HP Super Heavyweight Plus Matte Paper-610 mm x 30.5 m (24 in x 100 ft)

Q7991C HP Premium Instant-dry Gloss Photo Paper-610 mm x 22.9 m (24 in x 75 ft)

Q1898B HP Opaque Scrim-914 mm x 15.2 m (36 in x 50 ft)

C6787A HP Banners with Tyvek® 140 g/m²-36"/914 mm x 15.2 m

Q7973A HP Matte Litho-realistic Paper-914 mm x 30.5 m (36 in x 100 ft)

Service & support

UF017E HP Care Pack, Next Business Day On Site Hardware Support, 3 years

UF018E HP Care Pack, Next Business Day On Site Hardware Support, 4 years

UF019E HP Care Pack, Next Business Day On Site Hardware Support, 5 years

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

www.hp.com/go/designjetZ2100



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