

HP Designjet Z2100 Photo Printer series



HP's large format 8-ink Designjet delivers superior print quality and durability coupled with colour accuracy and consistency. Get outstanding visualizations of your creative ideas. Impress your clients with photorealistic prints of your projects.

For architects and engineers requiring compelling rendering and photorealistic presentations, and for GIS professionals who value precision maps that last for up to 200 years¹. HP's 8-ink Designjet delivers superior print quality and durability coupled with colour accuracy and consistency. The first ever embedded spectrophotometer², 2400 dpi resolution, HP Vivera pigmented colour and 3 black inks, and optional HP-GL/2 upgrade make large-format printing easy, reliable and predictable.

UNMATCHED IMAGE QUALITY

- Win bids, impress customers and stay ahead of the competition with spectacular high-quality renderings and presentations. HP 70 Vivera pigment inks ensure consistent and outstanding image quality.
- Speed up the design process by communicating clear details. The precisely placed tiny 4 and 6 pl ink drops, along with superior resolution of 2400 dpi, will highlight even the most intricate details.
- Forget about wasting time and money on trimming media. Print borderless on photo media rolls.

TRUE TO LIFE COLOUR MADE EASY

- HP's wide color gamut ensures smooth tonal transitions for the most professional output of your creative ideas.
- Achieve superior and consistent color today and in a month from now. HP's embedded spectrophotometer² enables the printer to automatically generate custom ICC profiles for your preferred paper.
- Achieve true gray neutrality. The Three-Black inks ensures true neutral tones, and rich, deep blacks.
- Know your prints will have the same colors as those on your screen³.

PRINT WITH CONFIDENCE

- Improve your efficiency by processing even your most complex files on the printer. Store and reprint files from the printer queue and print high-quality HP-GL/2 files with the optional HP-GL/2 Upgrade Kit⁴
- Eliminate trial and error printing. Save time and expenses of wasted ink and paper with HP's Print Preview. From your driver you will see how your image will appear on paper before you print.
- Know your prints will resist fading for over 200 years¹, and are water-resistant.

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

² With i1 color technology powered by X-Rite™

³ With automatic advanced closed-loop color calibration and screen calibration delivered with HP Designjet Z2100 GP 24" Photo Printer

⁴ Not included, sold separately. See overleaf for ordering information.



HP Designjet Z2100 24" Photo Printer



HP Designjet Z2100 GP 24" Photo Printer



HP Designjet Z2100 44" Photo Printer

Technical specifications

Print technology	HP Scalable Printing Technology	
Printhead nozzles	8448 (1056 nozzles per colour)	
Print quality	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected	
Number of inks	8 (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Light Gray, Photo Black, Matte Black)	
Ink types	HP Vivera pigmented inks	
Ink drop size	4 pl (l, lm, lg, pK), 6 pl (C, M, Y, mK)	
Lightfastness	Over 200 years (media dependent). Based on internal HP light-fade testing on HP Super Heavyweight Plus Matte Paper, HP Hahnemühle Smooth Fine Art Paper, HP Hahnemühle Watercolour Paper, HP Artist Matte Canvas. 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 .	
Print speed	Economic quality: A1 colour image: 2.0 min/page (coated), 5.8 min/page (glossy). Productivity quality: A1 colour image: 4.2 min/page (coated), 7.9 min/page (glossy). Photo quality: A1 colour image: 9.8 min/page (coated), 15.0 min/page (glossy)	
Line	Line accuracy: +/- 0.2%. Minimum width: 0.0508 mm	
Print languages	HP PCL3 GUI. Optional: HP-GI2/RTL via Q6692A HP-GI/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo Printer series	
Memory	Standard : DJ Z2100 24": 128 MB; DJ Z2100 GP 24": 128 MB; DJ Z2100 44": 256 MB; maximum : DJ Z2100 24": 128 MB; DJ Z2100 GP 24": 128 MB; DJ Z2100 44": 256 MB	
Print margins (mm)	Roll	Sheet
	top:	5 mm or borderless
	bottom:	5 mm or borderless
	left:	5 mm or borderless
	right:	5 mm or borderless
Media types	Paper [plain, coated, heavyweight coated, super heavyweight coated, natural tracing, bond, translucent bond, photo (satin, gloss, semi-gloss), satin matte, proofing (contract, matte), colourlucant backlit UV, matte adhesive backed, fine arts (smooth, textured), glossy, matte litho-realistic, billboard paper blue back], vellum, film (clear, matte, polyester, durable display), transparencies, labels, banner (gloss, Tyvek), opaque scrim, durable flag fabric, paper-backed fabric polyester, paper-backed fabric silk satin, polypropylene matte, canvas (matte, satin, paper)	
Media sizes	Standard: All standard sizes larger than A4	
Maximum media length	Roll: 91.4 m. Sheet: 1676.4 mm	
Maximum media width	DJ Z2100 24": 610 mm; DJ Z2100 GP 24": 610 mm; DJ Z2100 44": 1117 mm	
Maximum print length	91 m (OS and application dependent)	
Media thickness	Up to 0.8 mm	
Recommended media weight	Up to 500 g/m ²	
Roll	Maximum diameter: 136 mm	
Media handling	Sheetfeed (manual single-sheet feed through rear path), roll feed, automatic cutter (cuts all media except canvas)	
Interface and connectivity	Standard: 1 10/100 BT Ethernet RJ-45 port, 1 Hi-Speed USB (compatible with USB 2.0 specifications) port, 1 EIO Jetdirect accessory slot. Optional: HP Jetdirect EIO print servers	
Control panel	240 x 160 pixel greyscale graphical display, 4 direct access buttons, 7 navigation buttons and 2 bicolor lights (Ready, Processing, Attention, Error)	
Drivers included	HP PCL 3 GUI driver, HP Color Center, HP Easy Printer Care Software	
Software	Printer drivers (HP PCL 3 GUI, HP-GI2/RTL via Q6692A HP-GI/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo Printer series), HP Color Center, HP Easy Printer Care Software	
Operating systems compatibility	Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003, Novell NetWare 5.x, 6.x, Mac OS 10.2 and higher, Citrix MetaFrame, Windows® Terminal Services. Latest driver upgrade information available on http://www.hp.designjet.com	
Network operating systems compatibility	Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003, Novell NetWare 5.x, 6.x, Mac OS 10.2 and higher, Citrix MetaFrame, Windows® Terminal Services	
Minimum system requirements	Windows® 2000: Pentium® III processor, 256 MB RAM, 2 GB available hard disk space, 733 MHz; Windows® XP Professional: Pentium® IV processor, 512 MB RAM, 2 GB available hard disk space, 1 GHz. Mac G3 dual processor, 512 MB RAM, 1 GB available hard disk space	
Recommended system requirements	Windows® 2000: Pentium® III processor, 256 MB RAM, 2 GB available hard disk space, 733 MHz; Windows® XP Professional: Pentium® IV processor, 512 MB RAM, 2 GB available hard disk space, 1 GHz. 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. Supply: Built-in universal power supply. Consumption: 200 watts maximum	
Dimensions (w x d x h)	Out of package: DJ Z2100 24": 1262 x 732 x 1047 mm; DJ Z2100 GP 24": 1262 x 732 x 1047 mm; DJ Z2100 44": 1770 x 732 x 1047 mm. Packaged: DJ Z2100 24": 1470 x 780 x 740 mm; DJ Z2100 GP 24": 1470 x 780 x 740 mm; DJ Z2100 44": 1960 x 775 x 600 mm	
Weight	Out of package: DJ Z2100 24": 65 kg; DJ Z2100 GP 24": 65 kg; DJ Z2100 44": 86 kg. Packaged: DJ Z2100 24": 102 kg; DJ Z2100 GP 24": 102 kg; DJ Z2100 44": 123 kg	
Operating environment	Operating temperature: 5 to 40°C. Recommended operating temperature: 15 to 35°C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 20 to 80% RH. Storage temperature: -20 to 55°C. Storage humidity: 0 to 95% RH. Sound pressure: LpAm 6.5 B(A)	
Certifications	Safety: IEC 60950-1 compliant, EU LVD 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. 1 year Warranty Extension (next business day onsite support or same business day onsite support with 4 hours response), 3 year HP Care Pack (Two options: next day onsite support, same business day onsite support with 4 hours response), basic installation, setup and network	

Ordering information

Q6675A HP Designjet Z2100 24 inch Photo Printer, spindle, printheads (4 x 2 colours), ink cartridges (8 x 69 ml), media high gloss photo sample roll (610 mm x 4.5 m), stand (24"), rear tray (24"), Adaptor Kit (3 inch) for spindle (2), quick reference guide, set-up poster, USB cable, power cord, free HP media sample kit, HP media swatchbook

Q6675B HP Designjet Z2100 GP 24" Photo Printer as Q6675A plus HP Advanced Profiling Solution

Q6677A HP Designjet Z2100 44" Photo Printer as Q6675A plus 44-inch capabilities

Accessories

Q6698A HP Designjet Zx100 44 inch Spindle for Technical

Q6699A HP Designjet Zx100 44 inch Spindle for Graphics

Q6700A HP Designjet Zx100 24 inch Spindle

Q6695A HP Advanced Profiling Solution

Q6692A HP-GI/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo series

Q6641D Efi Designer 5.1 for HP M

Q6643D Efi Designer 5.1 for HP XL

Ink supplies

C9448A HP 70 130 ml Matte Black Ink Cartridge with Vivera Ink

C9449A HP 70 130 ml Photo Black Ink Cartridge with Vivera Ink

C9451A HP 70 130 ml Light Grey Ink Cartridge with Vivera Ink

C9452A HP 70 130 ml Cyan Ink Cartridge with Vivera Ink

C9453A HP 70 130 ml Magenta Ink Cartridge with Vivera Ink

C9454A HP 70 130 ml Yellow Ink Cartridge with Vivera Ink

C9455A HP 70 130 ml Light Magenta Ink Cartridge with Vivera Ink

C9390A HP 70 130 ml Light Cyan Ink Cartridge with Vivera Ink

Service & support

UF017A/E HP Care Pack, Next Business Day On Site, 3 years

UF023A/E HP Care Pack, 13x5 Same Business Day On site in 4 hours, 3 years

UF028PE HP Care Pack, Post warranty, Next Business Day On Site, 1 year

UF027PE HP Care Pack, Post warranty, 13x5 Same Business Day On Site in 4 hours, 1 year

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

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

H4518E HP Care Pack, Installation & Network Configuration

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

<http://www.hp.com/uk> <http://www.hp.com/go/designjet>



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