

Technical specifications.

Print technology	HP Scalable Printing Technology	
Printhead nozzles	HP Designjet Z2100: 8448 (1056 nozzles per colour) HP Designjet Z3100: 12672 (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	HP Designjet Z2100 - 8 (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Light Gray, Photo Black, Matte Black) HP Designjet Z3100-12 (Light Cyan, Magenta, Light Magenta, Yellow, Red, Green, Blue, Light Grey, Grey, Photo Black, Matte Black, Gloss Enhancer)	
Ink types	HP Vivera pigmented inks	
Ink drop	HP Designjet Z2100 - size 4 pl (l, lm, lg, pK), 6 pl (C, M, Y, mK) HP Designjet Z3100 - size 4 pl (l, lm, lg, pK, E, G), 6 pl (M, Y, mK, R, GN, B)	
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: 4.2min/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: 128 MB for 24" printer models; 256 MB for 44" printer models	
Print margins (mm)	Roll	Sheet
	top: 5 mm or borderless	5 mm
	bottom: 5 mm or borderless	14 mm
	left: 5 mm or borderless	5 mm
	right: 5 mm or borderless	5 mm
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), colourficient 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/Z3100 24": 610 mm; DJ Z2100/Z3100 GP 24": 610 mm; DJ Z2100/Z3100 44": 1117 mm	
Maximum print length	91 m (OS and application dependent)	
Media thickness	Up to 0.8 mm	
Roll	Maximum diameter: 136 mm	
Media handling	Sheefeed (manual single-sheet feed through rear path), roll feed, automatic cutter (cuts all media except canvas)	
Interface & 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 bicolour lights (Ready, Processing, Attention, Error)	
Drivers included	HP PCL 3 GUI driver, HP Colour 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 Colour 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	
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 MBRAM, 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	
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.	

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 Bronzing is eliminated as an image-quality issue when HP Gloss Enhancer is used. HP Gloss Enhancer is used on photo paper, with the exception of matte-finish papers.

³ HP's preliminary, internal results have shown that the HP Designjet Z Photo Printer series is capable of successfully simulating over 80% of the PANTONE colours. HP Designjet Z2100 and Z3100 Photo Printers are pending PANTONE licensing.

Ordering Information

HP Designjet Z2100

Q6675A HP Designjet Z2100 24 inch Photo Printer.

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

HP Designjet Z3100

Q5669A HP Designjet Z3100 24 inch Photo Printer.

Q5669B HP Designjet Z3100 GP 24" Photo Printer as Q5669A plus HP Advanced Profiling Solution

Q6659A HP Designjet Z3100 44" Photo Printer as Q5669A plus 44-inch capabilities

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

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

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

<http://www.hp.com/go/graphic-arts>



Graphic Arts Solutions
WITH BEST TECHNOLOGY



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