

# HP Designjet Z2100 Photo Printer series



HP's 8-ink Designjet delivers superior colour accuracy and consistency with the first-ever embedded spectrophotometer<sup>1</sup>. Produce vivid, large format prints (up to 610 mm or 1118 mm) in colour or black-and-white with 8 new HP Vivera pigment inks.



HP Designjet Z2100 610 mm Photo Printer



HP Designjet Z2100 GP 610 mm Photo Printer



HP Designjet Z2100 1118 mm 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 or true black-and-white prints with 8 new 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. Print with or without borders. Produce high-quality prints that are water resistant and remain unchanged for up to 200 years<sup>3</sup>.

**Achieve consistent, accurate colour with the first-ever embedded spectrophotometer<sup>2</sup>.**

Get colour accuracy on any paper — HP's first-ever embedded spectrophotometer<sup>2</sup> enables the printer to automatically generate custom ICC profiles for your preferred paper, simply in less than 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 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.

<sup>1</sup> With Eye-One colour technology.

<sup>2</sup> With Eye-One colour technology

<sup>3</sup> 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>.

## Series at a glance



**HP Designjet Z2100 610 mm Photo Printer (Q6675A)**

- Base model plus 610 mm capabilities



**HP Designjet Z2100 GP 610 mm Photo Printer (Q6675B)**

- Base 610 mm model plus HP Advanced Profiling Solution Q6695A included in the box



**HP Designjet Z2100 1118 mm Photo Printer (Q6677A)**

- Base model plus 1118 mm capabilities

## Recommended accessories



**Q6698A**  
HP Designjet Zx100 44  
inch Spindle for Technical



**Q6699A**  
HP Designjet Zx100 44  
inch Spindle for Graphics



**Q6700A**  
HP Designjet  
Zx100/T1100/T610 610  
mm Spindle



**Q6695A**  
HP Advanced Profiling  
Solution



**Q6692B**  
HP-GL/2 Upgrade Kit for  
the HP Designjet  
Z2100/Z3100 Photo  
series



**Q6643D**  
Efi Designer 5.1 for HP XL

## Top 3 Accessories description



### HP Designjet Zx100 44 inch Spindle for Technical (Q6698A)

This accessory helps design professionals stay productive while printing large-format documents, artwork and plans on a wide range of technical media. The spindle allows you to switch quickly and without hassle between different medial rolls – so you can concentrate on the design and get the job done faster.



### HP Designjet Zx100 44 inch Spindle for Graphics (Q6699A)

Concentrate on the design and get the job done faster. This accessory helps professional photo and graphic designers stay productive while printing large-format images and artwork on a wide range of photo, prepress and coated media. The spindle allows you to switch quickly and without hassle between different medial rolls.



### HP Designjet Zx100/T1100/T610 610 mm Spindle (Q6700A)

Keep busy CAD and GIS professionals productive with this timesaving media spindle. Rely on it to efficiently deliver high-quality, wide-format documents. This accessory enables easy switching between media rolls. Complete large-format jobs effortlessly on media up to 610 mm wide and up to 91 m long.

## Ordering information



### HP Designjet Z2100 610 mm Photo Printer (Q6675A)

HP Designjet Z2100 24 inch Photo Printer, spindle, printheads (4 x 2 colours), introductory ink cartridges (x8), 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



### HP Designjet Z2100 GP 610 mm Photo Printer (Q6675B)

as Q6675A plus HP Advanced Profiling Solution



### HP Designjet Z2100 1118 mm Photo Printer (Q6677A)

as Q6675A plus 44-inch capabilities

## Accessories, Supplies and Support

### Accessories

<b>Q6698A</b>	HP Designjet Zx100 44 inch Spindle for Technical
<b>Q6699A</b>	HP Designjet Zx100 44 inch Spindle for Graphics
<b>Q6700A</b>	HP Designjet Zx100/T1100/T610 610 mm Spindle
<b>Q6695A</b>	HP Advanced Profiling Solution
<b>Q6692B</b>	HP-GL/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo series
<b>Q6643D</b>	Efi Designer 5.1 for HP XL

### Supplies

<b>C9448A</b>	HP 70 130 ml Matte Black Ink Cartridge with Vivera Ink
<b>C9449A</b>	HP 70 130 ml Photo Black Ink Cartridge with Vivera Ink
<b>C9451A</b>	HP 70 130 ml Light Grey Ink Cartridge with Vivera Ink
<b>C9452A</b>	HP 70 130 ml Cyan Ink Cartridge with Vivera Ink
<b>C9453A</b>	HP 70 130 ml Magenta Ink Cartridge with Vivera Ink
<b>C9454A</b>	HP 70 130 ml Yellow Ink Cartridge with Vivera Ink
<b>C9455A</b>	HP 70 130 ml Light Magenta Ink Cartridge with Vivera Ink
<b>C9390A</b>	HP 70 130 ml Light Cyan Ink Cartridge with Vivera Ink

### Service & support

<b>UF017A/E</b>	HP Care Pack, Next Business Day On Site, 3 years
<b>UF023A/E</b>	HP Care Pack, 13x5 Same Business Day On site in 4 hours, 3 years
<b>UF028PE</b>	HP Care Pack, Post warranty, Next Business Day On Site, 1 year
<b>UF027PE</b>	HP Care Pack, Post warranty, 13x5 Same Business Day On Site in 4 hours, 1 year
<b>UF018E</b>	HP Care Pack, Next Business Day On Site, 4 years
<b>UF019E</b>	HP Care Pack, Next Business Day On Site, 5 years
<b>H4518E</b>	HP Care Pack, Installation & Network Configuration

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



## Technical specifications

<b>Print technology</b>	HP Scalable Printing Technology		
<b>Printhead nozzles</b>	2112		
<b>Print quality</b>	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected		
<b>Number of inks</b>	Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Light Gray, Photo Black, Matte Black		
<b>Ink types</b>	HP Vivera pigmented inks		
<b>Ink drop size</b>	4 pl (l, lm, lg, pk), 6 pl (C, M, Y, mK)		
<b>Lightfastness</b>	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 <a href="http://www.hp.com/go/supplies/printpermanence">http://www.hp.com/go/supplies/printpermanence</a> .		
<b>Print speed</b>	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)		
<b>Line</b>	Line accuracy: +/- 0.2%. Minimum width: 0.0508 mm		
<b>Print languages</b>	HP PCL3 GUI. Optional: HP-GI2/RTL via Q6692A HP-GI/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo Printer series		
<b>Memory</b>	Standard : 128 MB; maximum : 128 MB; Hard disk : Standard, 40 GB		
<b>Print margins (mm)</b>	<b>Roll</b>	<b>Sheet</b>	
	top:	5 mm or borderless	
	bottom:	5 mm or borderless	
	left:	5 mm or borderless	
	right:	5 mm or borderless	
<b>Media types</b>	Sheet feed, roll feed, automatic cutter (cuts all media except canvas), photographic paper (satin, gloss, semi-gloss, matte), proofing paper (high-gloss, semi-gloss, matte), fine art printing material (canvas, smooth, textured, watercolor), self-adhesive and vinyl (polypropylene, vinyl), sign and banner (display film, banner, scrim, polypropylene, Tyvek, outdoor paper), bond and coated (bond, coated, heavyweight coated, super heavyweight coated)		
<b>Media sizes</b>	Standard: DJ Z2100 610 mm: A4, A3, A2, A1; DJ Z2100 GP 610 mm: A4, A3, A2, A1; DJ Z2100 1118 mm: A4, A3, A2, A1, A0		
<b>Maximum media length</b>	Roll: 91.4 m. Sheet: 1676.4 mm		
<b>Maximum media width</b>	DJ Z2100 610 mm: 610 mm; DJ Z2100 GP 610 mm: 610 mm; DJ Z2100 1118 mm: 1118 mm		
<b>Maximum print length</b>	91 m (OS and application dependent)		
<b>Media thickness</b>	Up to 0.8 mm		
<b>Recommended media weight</b>	Up to 500 g/m <sup>2</sup>		
<b>Roll</b>	Maximum diameter: 136 mm		
<b>Media handling</b>	Sheetfeed (manual single-sheet feed through rear path), roll feed, automatic cutter (cuts all media except canvas)		
<b>Interface and connectivity</b>	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		
<b>Control panel</b>	240 x 160 pixel greyscale graphical display, 4 direct access buttons, 7 navigation buttons and 2 bicolour lights (Ready, Processing, Attention, Error)		
<b>Drivers included</b>	HP PCL 3 GUI driver, HP Color Center, HP Easy Printer Care Software		
<b>Software</b>	Printer drivers (HP PCL 3 GUI, HP-GI2/RTL via G6692A HP-GI/2 Upgrade Kit for the HP Designjet Z2100/Z3100 Photo Printer series), HP Color Center, HP Easy Printer Care Software		
<b>Operating systems compatibility</b>	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 <a href="http://www.hp.designjet.com">http://www.hp.designjet.com</a>		
<b>Network operating systems compatibility</b>	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		
<b>Minimum system requirements</b>	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		
<b>Recommended system requirements</b>	Microsoft Windows® 2000, XP Home, XP Professional, Pentium IV, 3 GHz, 1 GB RAM, 2 GB available hard disk. Mac G3 dual processor, 512 MB RAM, 1 GB available hard disk space		
<b>Power</b>	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		
<b>Dimensions (w x d x h)</b>	Out of package: DJ Z2100 610 mm: 1262 x 732 x 1047 mm; DJ Z2100 GP 610 mm: 1262 x 661 x 1047 mm; DJ Z2100 1118 mm: 1770 x 732 x 1047 mm. Packaged: DJ Z2100 610 mm: 1470 x 780 x 740 mm; DJ Z2100 GP 610 mm: 1470 x 780 x 740 mm; DJ Z2100 1118 mm: 1960 x 775 x 600 mm		
<b>Weight</b>	Out of package: DJ Z2100 610 mm: 65 kg; DJ Z2100 GP 610 mm: 65 kg; DJ Z2100 1118 mm: 86 kg. Packaged: DJ Z2100 610 mm: 102 kg; DJ Z2100 GP 610 mm: 102 kg; DJ Z2100 1118 mm: 123 kg		
<b>Operating environment</b>	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 49 dB(A)		
<b>Certifications</b>	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).. Regulatory standards: 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.. ENERGY STAR: Yes		
<b>Warranty</b>	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		

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



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