

# HP Designjet Z3200 Photo Printer series



This 12-ink HP Designjet, with new HP 73 Chromatic Red ink, delivers long-lasting gallery-quality prints in black-and-white and colour. HP DreamColor Technologies with embedded spectrophotometer<sup>1</sup> enable easy calibration and profiling.



HP Designjet Z3200 610 mm Photo Printer



HP Designjet Z3200 1118 mm Photo Printer



HP Designjet Z3200ps 610 mm Photo Printer



HP Designjet Z3200ps 1118 mm Photo Printer

**Ideal for professional photographers, digital fine artists, print service providers, graphic designers, and pre-press professionals who want to create gallery-quality prints, portraits, limited editions, albums, art reproductions, large-format designs and proofs, easily, consistently and cost-effectively.**

**Produce exquisite, gallery-quality black-and-white and colour prints.**

Achieve colour and black-and-white print permanence of 200 years<sup>2</sup>. Create beautiful black-and-white prints with smooth transitions, deep blacks and neutral greys with HP Quad-Black Ink set. Get superior gloss uniformity and minimise bronzing on most glossy photo papers with HP Gloss Enhancer<sup>2</sup>. Enjoy an expanded colour gamut, with new chromatic red, which achieves 95% PANTONE® coverage<sup>2</sup>. Supports over 50 HP papers, from photo, fine art and coated to display-graphic printing materials.

**Easily calibrate, profile and achieve accurate, consistent colours with HP DreamColor Technologies.**

Make calibration and profiling simple with HP DreamColor Technologies. An embedded spectrophotometer<sup>2</sup> helps generate custom ICC profiles in-house for your preferred paper. Simplify workflows: easily access, create, and share paper presets<sup>2</sup> using the enhanced HP Color Center. Create a customised PANTONE® simulation swatchbook<sup>2</sup> with HP Professional PANTONE Emulation. Avoid colour management configuration conflicts between the Adobe Photoshop CS3 application and your printer driver<sup>2</sup>.

**Enables productive operation and great ink efficiency<sup>2</sup>.**

Optimise performance and get great ink efficiency<sup>2</sup> with automatic servicing routines. Optical Drop Detector (ODD) prevents nozzle clogging, printing errors and media waste. Print rich, dark blacks on matte and glossy papers without swapping ink cartridges. This printer contains an HP Embedded Web Server, print previews and other efficiency-enhancing features. Save time and money: embedded TIFF, JPEG, and Adobe PS3/PDF RIP enables direct job submission and queueing<sup>2</sup> for more efficiency.

<sup>1</sup> Embedded in this HP Designjet Photo Printer is an I1 spectrophotometer from Xrite.

<sup>2</sup> For more details please go to: [www.hp.com/go/designjetz3200/footnotes](http://www.hp.com/go/designjetz3200/footnotes)

## Series at a glance



### HP Designjet Z3200 610 mm Photo Printer (Q6718A)

- Base model with 610 mm media width
- an embedded spectrophotometer
- HP Vivera 12-ink system including HP Quad-Black Ink set and HP Gloss Enhancer



### HP Designjet Z3200 1118 mm Photo Printer (Q6719A)

- Base model with 1118 mm media width
- an embedded spectrophotometer
- HP Vivera 12-ink system including HP Quad-Black Ink set and HP Gloss Enhancer



### HP Designjet Z3200ps 610 mm Photo Printer (Q6720A)

- As base model plus embedded Adobe PS3/PDF RIP plus Advanced Profiling Solution



### HP Designjet Z3200ps 1118 mm Photo Printer (Q6721A)

- As base model plus embedded Adobe PS3/PDF RIP plus Advanced Profiling Solution

## Recommended accessories



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



Q6695A  
HP Advanced Profiling Solution Software



Q6699A  
HP Designjet Zx100 44-inch Spindle for Graphics

## Top 3 Accessories description



### HP Designjet Zx100/Tx100/Tx10 24-inch 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.



### HP Advanced Profiling Solution Software (Q6695A)

Profile and calibrate your entire colour management system. HP Advanced Profiling Solution works with printer's embedded spectrophotometer to simply and accurately profile any media of your choice. Included Eye-One screen calibrator calibrates your display. This solution allows you to create new and edit existing ICC profiles. You'll have more control of the variables as you generate custom profiles in different colour spaces with more colour targets for different illuminates.



### 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 media rolls.

## Ordering information



### HP Designjet Z3200 610 mm Photo Printer (Q6718A)

HP Designjet Z3200 Photo Printer, spindle, printheads (6 x 2 colours), introductory ink cartridges (12), Original HP media roll, stand, rear tray, adaptor kit (76.2mm) for spindle, quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software



### HP Designjet Z3200 1118 mm Photo Printer (Q6719A)

Z3200 with 1118mm media width



### HP Designjet Z3200ps 610 mm Photo Printer (Q6720A)

Z3200ps 610mm with embedded Adobe PS3/PDF RIP, Advanced Profiling Solution



### HP Designjet Z3200ps 1118 mm Photo Printer (Q6721A)

Z3200ps 1118mm with embedded Adobe PS3/PDF RIP, Advanced Profiling Solution

## Accessories, Supplies and Support

### Accessories

<b>Q6700A</b>	HP Designjet Zx100/Tx100/Tx10 24-inch Spindle
<b>Q6695A</b>	HP Advanced Profiling Solution Software
<b>Q6699A</b>	HP Designjet Zx100 44-inch Spindle for Graphics

### Media supplies

<b>Q8840A</b>	HP Professional Satin Photo Paper-1118 mm x 15.2 m (44 in x 50 ft)
<b>Q7991A</b>	HP Premium Instant-dry Gloss Photo Paper-610 mm x 22.9 m (24 in x 75 ft)
<b>CG459A</b>	HP Premium Matte Photo Paper-610 mm x 30.5 m (24 in x 100 ft)
<b>CG804A</b>	HP Baryte Satin Art Paper-1118 mm x 15.2 m (44 in x 50 ft)
<b>Q7972A</b>	HP Matte Litho-realistic Paper-610 mm x 30.5 m (24 in x 100 ft)
<b>Q8673A</b>	HP Professional Matte Canvas-610 mm x 6.1 m (24 in x 20 ft)
<b>Q8706A</b>	HP Artist Matte Canvas-1067 mm x 15.2 m (42 in x 50 ft)

<b>Q8732A</b>	HP Hahnemühle Smooth Fine Art Paper 265 g/m <sup>2</sup> -610 mm x 10.7 m (24 in x 35 ft)
<b>Q8741A</b>	HP Aquarella Art Paper-610 mm x 10.7 m (24 in x 35 ft)
<b>Q8740A</b>	HP Hahnemühle Textured Fine Art Paper 310 g/m <sup>2</sup> -1067 mm x 10.7 m (42 in x 35 ft)
<b>Q7971A</b>	HP Prof Semi-gloss Contract Proofing Paper-610 mm x 30.5 m (24 in x 100 ft)
<b>Q6626A</b>	HP Super Heavyweight Plus Matte Paper-610 mm x 30.5 m (24 in x 100 ft)
<b>Q8748A</b>	HP Premium Vivid Colour Backlit Film-1067 mm x 30.5 m (42 in x 100 ft)
<b>CG463A</b>	HP Premium Semi-gloss Proofing Paper-610 mm x 30.5 m (24 in x 100 ft)

### Service & support

<b>UF035E</b>	HP Care Pack, Next Business Day On Site, 3 years
<b>UF036E</b>	HP Care Pack, Next Business Day On Site, 4 years
<b>UF037E</b>	HP Care Pack, Next Business Day On Site, 5 years
<b>UF041E</b>	HP Care Pack, 4 hour 13x5 Same Business Day On Site, 3 years
<b>UF045PE</b>	HP Care Pack, 4 hour 13x5 Post Warranty, Same Business Day On Site, 1 year
<b>UF046PE</b>	HP Care Pack, Post Warranty, Next Business Day On Site, 1 year
<b>H4518E</b>	HP Care Pack, Installation & Network Configuration for 1 HP Designjet Network Printer (per event)
<b>H7604E</b>	HP Care Pack, Installation for 1 HP Designjet Printer (per event)

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



## Technical specifications

<b>Print technology</b>	HP Thermal Inkjet		
<b>Printhead nozzles</b>	12672		
<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>	Blue, green, magenta, red, yellow, gray, photo black, matte black, light cyan, light gray, light magenta, gloss enhancer		
<b>Ink types</b>	HP Vivera pigment inks		
<b>Ink drop size</b>	4 pl (L, M, G, pK, E, G), 6 pl (M, Y, mK, R, GN, B)		
<b>Lightfastness</b>	Approximately 200 years. Display permanence rating by Wilhelm Imaging Research, Inc. on a range of HP creative and specialty media. For details: <a href="http://www.hp.com/go/supplies/printpermanence">http://www.hp.com/go/supplies/printpermanence</a>		
<b>Print speed</b>	Economic quality: A1 colour image: 2 min/page (coated). Productivity quality: A1 colour image: 3.8 min/page (coated), 7.2 min/page (glossy). Photo quality: A1 colour image: 12.4 min/page (glossy)		
<b>Line</b>	Line accuracy: +/- 0.010 mm. Minimum width: 0.0558 mm		
<b>Print languages</b>	Z3200 610mm: HP PCL 3 GUI; Z3200 1118mm: HP PCL 3 GUI; Z3200ps 610mm: Adobe® PostScript® 3, Adobe PDF 1.6, TIFF, JPEG, HP PCL 3 GUI; Z3200ps 1118mm: Adobe® PostScript® 3, Adobe PDF 1.6, TIFF, JPEG, HP PCL 3 GUI		
<b>Memory</b>	Standard : 256 MB; maximum : 256 MB; Hard disk : Standard, 80 GB		
<b>Print margins (mm)</b>	<b>Roll</b>	<b>Sheet</b>	
	top:	5 mm (borderless on glossy roll media)	5 mm
	bottom:	5 mm (borderless on glossy roll media)	17 mm
	left:	5 mm (borderless on glossy roll media)	5 mm
	right:	5 mm (borderless on glossy roll media)	5 mm
<b>Media types</b>	Photographic (satin, gloss, semi-gloss, matte), proofing (semi-gloss, high-gloss contract, semi-gloss contract, matte), fine art printing material (smooth, textured, watercolour, satin, aquarella, litho-realistic, canvas), self-adhesive (indoor, vinyl, polypropylene), banner and sign (display film, indoor banner, scrim, polypropylene, Tyvek, outdoor, billboard, PVC-free), bond and coated (bond, coated, heavyweight coated, super heavyweight plus matte, coloured), technical (tracing, translucent bond, vellum), film (clear, matte, polyester), backlit, fabric/textile (flag, polyester, silk)		
<b>Media sizes</b>	Standard: All standard sizes larger than A4. Custom: Z3200 610mm: 216 x 279 to 610 x 1676 mm; Z3200 1118mm: 216 x 279 to 1118 x 1676 mm; Z3200ps 610mm: 216 x 279 to 610 x 1676 mm; Z3200ps 1118mm: 216 x 279 to 1118 x 1676 mm		
<b>Maximum media length</b>	Roll: 91.4 m. Sheet: 1676.4 mm		
<b>Maximum media width</b>	Z3200 610mm: 610 mm; Z3200 1118mm: 1118 mm; Z3200ps 610mm: 610 mm; Z3200ps 1118mm: 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>	500 g/m <sup>2</sup>		
<b>Roll</b>	Maximum diameter: 136 mm		
<b>Media handling</b>	Sheet feed, roll feed, automatic cutter (cuts all media except canvas)		
<b>Interface and connectivity</b>	Optional: HP Jeldirect EIO print servers		
<b>Control panel</b>	240 x 160 pixel greyscale graphical display with Asian fonts support, 4 direct-access buttons, 7 navigation buttons and 2 bicour colours (Ready, Processing, Attention, Error)		
<b>Printer management</b>	HP Web Jetadmin		
<b>Drivers included</b>	Z3200 610mm: HP PCL 3 GUI; Z3200 1118mm: HP PCL 3 GUI; Z3200ps 610mm: Adobe® PostScript®, HP PCL 3 GUI; Z3200ps 1118mm: Adobe® PostScript®, HP PCL 3 GUI; Drivers on the web: Latest Windows printer drivers information available at <a href="http://windowsupdate.microsoft.com">http://windowsupdate.microsoft.com</a> and more information on all printer drivers available at <a href="http://welcome.hp.com/country/us/en/support.html?pageDisplay=drivers">http://welcome.hp.com/country/us/en/support.html?pageDisplay=drivers</a>		
<b>Software</b>	Printer drivers, HP Printer Utility including HP Color Center		
<b>Operating systems compatibility</b>	Microsoft® Windows® XP Home, XP Professional, XP Professional x64, Server 2003 (32/64 bit), Terminal Services; Citrix® MetaFrame; Windows Vista®, x64, Mac OS X v10.4, v10.5. Latest Windows printer drivers information available at <a href="http://windowsupdate.microsoft.com">http://windowsupdate.microsoft.com</a> and more information on all printer drivers available at <a href="http://welcome.hp.com/country/us/en/support.html?pageDisplay=drivers">http://welcome.hp.com/country/us/en/support.html?pageDisplay=drivers</a>		
<b>Network operating systems compatibility</b>	Microsoft® Windows® XP Home, XP Professional, XP Professional x64, Server 2003 (32/64 bit), Terminal Services; Citrix® MetaFrame; Windows Vista®, x64, Mac OS X v10.4, v10.5		
<b>Minimum system requirements</b>	Microsoft® Windows® XP Home, XP Professional: Intel® Pentium® 4, 1 GHz, 512 MB RAM, 2 GB available hard disk space. Mac OS X v10.4, v10.5: PowerPC G3 or Intel® Core Processor; 256 MB RAM; 1 GB available hard disk space		
<b>Recommended system requirements</b>	Microsoft® Windows® XP Home, XP Professional: Intel® Pentium® 4, 1 GHz, 1 GB RAM, 2 GB available hard disk space. Mac OS X v10.4, v10.5: PowerPC G4, G5, or Intel® Core Processor, 1 GB RAM, 2 GB available hard disk space		
<b>Power</b>	Requirements: Input voltage (autoranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 amps max. Supply: Built-in universal power supply. Consumption: 200 watts maximum (active/printing); 0 watts (off)		
<b>Dimensions (w x d x h)</b>	Out of package: Z3200 610mm: 1262 x 690 x 1047 mm; Z3200 1118mm: 1770 x 690 x 1047 mm; Z3200ps 610mm: 1262 x 690 x 1047 mm; Z3200ps 1118mm: 1770 x 690 x 1047 mm. Packaged: Z3200 610mm: 1470 x 780 x 740 mm; Z3200 1118mm: 1965 x 780 x 780 mm; Z3200ps 610mm: 1470 x 780 x 740 mm; Z3200ps 1118mm: 1965 x 780 x 780 mm		
<b>Weight</b>	Out of package: Z3200 610mm: 65 kg; Z3200 1118mm: 86 kg; Z3200ps 610mm: 65 kg; Z3200ps 1118mm: 86 kg. Packaged: Z3200 610mm: 102 kg; Z3200 1118mm: 123 kg; Z3200ps 610mm: 102 kg; Z3200ps 1118mm: 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: -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), 29 dB(A) (standby)		
<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 on-site support.		

<http://www.hp.com/uk> [www.hp.com/go/designjetZ3200](http://www.hp.com/go/designjetZ3200)



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