

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 spectrophotometer¹ 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 years². 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 Enhancer². Enjoy an expanded colour gamut, with new chromatic red, which achieves 95% PANTONE® coverage². 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 spectrophotometer² helps generate custom ICC profiles in-house for your preferred paper. Simplify workflows: easily access, create, and share paper presets² using the enhanced HP Color Center. Create a customised PANTONE® simulation swatchbook² with HP Professional PANTONE Emulation. Avoid colour management configuration conflicts between the Adobe Photoshop CS3 application and your printer driver².

Enables productive operation and great ink efficiency².

Optimise performance and get great ink efficiency² 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 queueing² for more efficiency.

¹ Embedded in this HP Designjet Photo Printer is an I1 spectrophotometer from Xrite.

² For more details please go to: 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

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

Media supplies

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

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

Service & support

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

Print technology	HP Thermal Inkjet	
Printhead nozzles	12672	
Print quality	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected	
Number of inks	Blue, green, magenta, red, yellow, gray, photo black, matte black, light cyan, light gray, light magenta, gloss enhancer	
Ink types	HP Vivera pigment inks	
Ink drop size	4 pl (L, M, Lg, pK, E, G), 6 pl (M, Y, mK, R, GN, B)	
Lightfastness	Approximately 200 years. 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	
Print speed	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)	
Line	Line accuracy: +/- 0.010 mm. Minimum width: 0.0558 mm	
Print languages	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	
Memory	Standard : 256 MB; maximum : 256 MB; Hard disk : Standard, 80 GB	
Print margins (mm)	Roll	Sheet
	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
Media types	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)	
Media sizes	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	
Maximum media length	Roll: 91.4 m. Sheet: 1676.4 mm	
Maximum media width	Z3200 610mm: 610 mm; Z3200 1118mm: 1118 mm; Z3200ps 610mm: 610 mm; Z3200ps 1118mm: 1118 mm	
Maximum print length	91 m (OS and application dependent)	
Media thickness	Up to 0.8 mm	
Recommended media weight	500 g/m ²	
Roll	Maximum diameter: 136 mm	
Media handling	Sheet feed, roll feed, automatic cutter (cuts all media except canvas)	
Interface and connectivity	Optional: HP Jeldirect EIO print servers	
Control panel	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)	
Printer management	HP Web Jetadmin	
Drivers included	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 http://windowsupdate.microsoft.com and more information on all printer drivers available at http://welcome.hp.com/country/us/en/support.html?pageDisplay=drivers	
Software	Printer drivers, HP Printer Utility including HP Color Center	
Operating systems compatibility	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 http://windowsupdate.microsoft.com and more information on all printer drivers available at http://welcome.hp.com/country/us/en/support.html?pageDisplay=drivers	
Network operating systems compatibility	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	
Minimum system requirements	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	
Recommended system requirements	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	
Power	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)	
Dimensions (w x d x h)	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	
Weight	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	
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: -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)	
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). 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	
Warranty	Standard warranty: one year next business day on-site support.	

<http://www.hp.com/uk> www.hp.com/go/designjetZ3200



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