HP Designjet Z3200 PostScript Photo Printer series

Easy, consistent and cost-effective gallery-quality black-and-white and colour prints.

Produce gallery-quality black-and-white and colour prints.

- Achieve colour and black-and-white print permanence of 200 years[2]. Print on a range of HP papers, from photo, fine art and coated to display-graphic printing materials.
- Create beautiful black-and-white prints with smooth transitions, deep blacks and neutral greys with the HP Quad-Black Ink set.
- Get superior gloss uniformity and minimise bronzing on most glossy photo papers with HP Gloss Enhancer[3].
- Enjoy an expanded colour gamut which achieves 95% PANTONE® coverage[4] enabled by new chromatic red.

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

- Calibration and profiling are made simple with HP DreamColor Technologies and the embedded spectrophotometer[1] which helps you generate custom ICC profiles in-house.
- Simplify workflows: easily access, create, and share paper presets[5] using the enhanced HP Color Center.
- Create a customised PANTONE® simulation swatchbook[6] with HP Professional PANTONE Emulation[7].
- Get questions answered with the HP Knowledge Center, and control colour settings with Adobe Photoshop CS[8].

Enables productive operation and great ink efficiency[9].

- Print rich, dark blacks on matte and glossy papers without swapping ink cartridges.
- Save time and money: embedded TIFF, JPEG, and Adobe PS3/PDF RIP enables direct job submission, queueing and nesting[6].
- Optimise performance and get great ink efficiency[9] with automatic servicing routines. An Optical Drop Detector (ODD) prevents nozzle clogging, printing errors and media waste.
- Efficiency-enhancing features include an HP Embedded Web Server and print previews which mean no trial and error.

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[1] Embedded in this HP Designjet Photo Printer is an i1 spectrophotometer from X-Rite. Close collaboration between HP and X-Rite ensures a reliable solution that's been thoroughly tested to meet customer demands for ease, quality, and dependability.
[2] Image permanence estimates by HP Image Permanence Lab based on testing on a range of HP photo, fine art, and specialty papers: confirmation tests in progress at Wilhelm Imaging Research, Inc. For details, see http://www.hp.com/go/supplies/printpermanence.
[3] Bronzing is minimised as an image-quality issue when HP gloss enhancer is used. HP gloss enhancer can be used on photo paper, with the exception of matte-finish papers.
[4] 95% coverage of PANTONE* MATCHING SYSTEM and PANTONE* Goe System, based on HP internal testing (PANTONE* approval pending). Please visit http://www.hp.com/go/Z3200/PANTONE for final results.
[5] Visit http://www.hp.com/go/Z3200/paperpresets to find paper presets for HP and other commercially available media.
[6] HP Professional PANTONE* Emulation, remote management, queue management, nesting, job submission and storage capabilities, and support for 16-bit TIFF and JPEG files are standard on HP Designjet Z3200ps Photo printers only.
[7] HP Professional PANTONE* Emulation is approved by PANTONE*. The PANTONE* MATCHING SYSTEM and PANTONE* Goe licence for the HP Designjet Z3200 Photo Printer is pending. Learn more at http://www.hp.com/go/Z3200/PANTONE.
[8] Avoid double colour management when using Adobe Photoshop CS Improved Printing Experience—co-developed by HP—for both Mac and Windows Vista. Check http://www.hp.com/go/Z3200/solutions for more details on the exact configurations supported.
[9] Based on internal HP testing, the HP Designjet Z3200 Photo Printer series utilises at least 30% less ink during routine maintenance operations versus select printers from other vendors.

HP Designjet Z3200 PostScript Photo Printer series

Technical specifications

Print

Colour images	**Q6720B:** 17 m²/hr on coated media; 4.4 m²/hr on glossy media **Q6721B:** 17 m²/hr on coated media; 4.4 m²/hr on glossy media
Print resolution	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected
Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (full bleed on glossy/satin roll media) Sheet: 5 x 17 x 5 x 5 mm
Technology	HP Thermal Inkjet
Ink types	Pigment-based
Ink colours	12 (blue, green, magenta, red, yellow, grey, photo black, matte black, light cyan, light grey, light magenta, gloss enhancer)
Ink drop	4 pl (lc, lm, lg, pK, E, G), 6 pl (M, Y, mK, R, GN, B)
Print head nozzles	2112
Print heads	6 (magenta and yellow, light magenta and light cyan, photo black and light grey, matte black and red, gloss enhancer and grey, blue and green)
Line accuracy	+/- 0.2% of the specified vector length or ±0.3 mm (whichever is greater) at 23° C, 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film roll feed
Guaranteed minimum line width	0.056 mm (ISO/IEC 13660:2001(E))
Maximum print length	91.4 m
Maximum optical density	2.5 maximum black optical density (4 L* min) with HP Premium Instant Dry Gloss Photo media

Media

Handling	Sheet feed, roll feed, automatic cutter (cuts all media except canvas)
Types	Photographic, proofing, fine art printing material, self-adhesive, banner and sign, bond and coated, technical, film, backlit, fabric/textile
Weight	Up to 500 g/m²
Size	**Q6720B:** 216 x 279 to 610 x 1676 mm; **Q6721B:** 216 x 279 to 1118 x 1676 mm;
Thickness	Up to 0.8 mm

Memory

Standard	256 MB
Hard disk	Standard, 80 GB

Connectivity

Interfaces (optional)	HP Jetdirect EIO print servers
Print languages (standard)	Adobe® PostScript® 3™, Adobe® PDF 1.6, TIFF, JPEG, HP PCL 3 GUI
Drivers included	Adobe® PostScript® 3™, HP PCL 3 GUI

Operating systems compatibility

	Microsoft® Windows® 7 Ultimate / Professional / Home Premium, Windows® Vista® Ultimate / Business / Home Premium, Windows® XP (32/64-bit) Home and Professional, Windows® Server 2008 (32/64-bit), Windows® Server 2008 R2, Windows® Server 2003 (32/64-bit); Mac OS X v10.4, v10.5, v10.6, v10.7; Citrix® XenApp; Citrix® XenServer

Recommended system requirements

Mac	Mac OS X v10.4, v10.5: PowerPC G3 or Intel® Core™ Processor, 256 MB RAM, 1 GB available hard disk space
Windows	Microsoft® Windows® XP Home, XP Professional: Intel® Pentium® 4, 1 GHz, 512 MB RAM, 2 GB available hard disk space

Environmental ranges

Operating temperature	5 to 40° C
Recommended operating temperature	15 to 35° C
Storage temperature	-25 to 55° C
Operating humidity	20 to 80% RH
Recommended operating humidity	20 to 80% RH
Storage humidity	0 to 95% RH

Acoustic

Sound Pressure	49 dB(A) (active), 29 dB(A) (standby)
Sound Power	6.5 B(A) (active/printing), 4.4 B(A) (standby)

What's in the box

Q6720B	HP Designjet Z3200 Photo Printer; spindle; printheads; introductory ink cartridges; Original HP media roll; printer stand; rear tray; 3-in core adapter; quick reference guide; setup poster; USB cable; power cord; HP Start-up kit including printer software
Q6721B	HP Designjet Z3200 Photo Printer; spindle; printheads; introductory ink cartridges; Original HP media roll; printer stand; rear tray; 3-in core adapter; quick reference guide; setup poster; USB cable; power cord; HP Start-up kit including printer software

Dimensions (w x d x h)

Printer	**Q6720B:** 1262 x 690 x 1047 mm; **Q6721B:** 1770 x 690 x 1047 mm;
Packaged	**Q6720B:** 1470 x 780 x 740 mm; **Q6721B:** 1965 x 780 x 780 mm;

Weight

Printer	**Q6720B:** 65 kg; **Q6721B:** 86 kg;
Packaged	**Q6720B:** 102 kg; **Q6721B:** 123 kg;

Power consumption

Maximum	200 watts maximum (active/printing); 0 watts (off)
Power requirements	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A maximum

Certification

Safety	IEC 60950-1 compliant, EU LVD and EN 60950-1 compliant, Russia GOST
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive)
ENERGY STAR	Yes

Warranty

	One-year warranty with on-site, next business-day service. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product

Q6720B	HP Designjet Z3200ps 610 mm Photo Printer
Q6721B	HP Designjet Z3200ps 1118 mm Photo Printer

Accessories

Q6699A	HP Designjet Zx100 44-in Spindle for Graphics
Q6700A	HP Designjet Z/T1xxx/T6xx 24-in Spindle

Ink supplies

C9405A	HP 70 Light Magenta and Light Cyan Printhead
C9406A	HP 70 Magenta and Yellow Printhead
C9407A	HP 70 Photo Black and Light Grey Printhead
C9408A	HP 70 Blue and Green Printhead
CD949A	HP 73 Matte Black and Chromatic Red Printhead
C9410A	HP 70 Gloss Enhancer and Grey Printhead
C9448A	HP 70 130-ml Matte Black Ink Cartridge
C9449A	HP 70 130-ml Photo Black Ink Cartridge
C9450A	HP 70 130-ml Grey Ink Cartridge
C9451A	HP 70 130-ml Light Grey Ink Cartridge
C9453A	HP 70 130-ml Magenta Ink Cartridge
C9454A	HP 70 130-ml Yellow Ink Cartridge
C9455A	HP 70 130-ml Light Magenta Ink Cartridge
CD951A	HP 73 130-ml Chromatic Red Ink Cartridge
C9457A	HP 70 130-ml Green Ink Cartridge
C9458A	HP 70 130-ml Blue Ink Cartridge
C9459A	HP 70 130-ml Gloss Enhancer Ink Cartridge
C9390A	HP 70 130-ml Light Cyan Ink Cartridge

Media supplies

Q7991A	HP Premium Instant-dry Gloss Photo Paper-610 mm x 22.9 m (24 in x 75 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)

Service & support

UF035E - HP 3 year Next Business Day Onsite Designjet Z3x00 Hardware Support
UF036E - HP 4 year Next Business Day Onsite Designjet Z3x00 Hardware Support
UF037E - HP 5 year Next Business Day Onsite Designjet Z3x00 Hardware Support
UF041E - HP 3 year 4 hour response 13x5 Onsite Designjet Z3x00 Hardware Support
UF045PE - HP 1 year Post Warranty 4 Hour Response 13x5 Onsite Designjet Z3x00 Hardware Support
UF046PE - HP 1 year Post Warranty Next Business Day Onsite Designjet Z3x00 Hardware Support
H4518E - HP Network Installation Designjet T23-71XX/400-6200 Service
H7604E - HP Physical Install Designjet T23-71XX/400-6200 Service

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sales@designsupply.com

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