



# HP Designjet Z3200 PostScript® Photo Printer series

Leading gallery-quality black-and-white and colour prints, ease of use, and built-in calibration and profiling



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

- This 12-ink HP Designjet, with HP 73 Chromatic Red ink, delivers long-lasting gallery-quality prints in black and white and colour (up to 200 years)<sup>(1)</sup>.
- 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 minimize bronzing on most glossy photo papers with HP Gloss Enhancer<sup>(2)</sup>.
- Enjoy an expanded colour gamut which achieves 95% PANTONE® coverage<sup>(3)</sup> enabled by chromatic red ink.
- Over 50 HP papers, including photo, fine art, coated, and display-graphic printing materials.

## Easily calibrate and profile with HP DreamColor Technologies

- Calibration and profiling are made simple with HP DreamColor Technologies and the embedded spectrophotometer<sup>(4)</sup> which helps you generate custom ICC profiles in-house.
- Simplify workflows: easily access, create, and share paper presets<sup>(5)</sup> using the enhanced HP Color Center.
- Create a customised PANTONE® simulation swatchbook<sup>(6)</sup> with HP Professional PANTONE Emulation<sup>(7)</sup>.

## Enables productive operation and great ink efficiency<sup>(8)</sup>

- 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, queuing, and nesting<sup>(6)</sup>.
- Optimize performance and get great ink efficiency<sup>(8)</sup> 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.

For more information, please visit:  
[hp.com/go/DesignjetZ3200](http://hp.com/go/DesignjetZ3200)

(1) Image permanence estimates by HP Image Permanence Lab and Wilhelm Imaging Research, Inc. based on testing on a range of HP photo, fine art, and specialty papers with Original HP inks. For details, see [hp.com/go/supplies/printpermanence](http://hp.com/go/supplies/printpermanence).

(2) Bronzing is minimized 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.

(3) 95% coverage of PANTONE® MATCHING SYSTEM and PANTONE® Goe System, based on HP internal testing (PANTONE® approval pending). Please visit [hp.com/go/Z3200/PANTONE](http://hp.com/go/Z3200/PANTONE) for final results.

(4) 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.

(5) Visit [hp.com/go/Z3200/paperpresets](http://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 [hp.com/go/Z3200/PANTONE](http://hp.com/go/Z3200/PANTONE).

(8) Based on internal HP testing, the HP Designjet Z3200 PostScript® Photo Printer series utilizes at least 30% less ink during routine maintenance operations versus select printers from other vendors.

# HP Designjet Z3200 PostScript® Photo Printer series

## Technical specifications

<b>Print</b>	Colour images <sup>9</sup>	Fast: 2 min/page on A1/D or up to 17 m <sup>2</sup> / hr (182.9 ft <sup>2</sup> / hr) on coated media. Best: 12.4 min/page on A1/D or up to 2.58 m <sup>2</sup> / hr (27.8 ft <sup>2</sup> / 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 (0.2 x 0.2 x 0.2 x 0.2 in) (full bleed on glossy/satin roll media) Sheet: 5 x 17 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
	Technology	HP Thermal Inkjet
	<b>Image quality</b>	Colour accuracy
	Short-term colour stability	< 1 dE2000 in less than 5 minutes <sup>11</sup>
	Print-to-print repeatability	Average < 0.5 dE2000, 95% of colours < 1.4 dE2000 <sup>11</sup>
	Maximum optical density	2.5 maximum black optical density (4 L* min) <sup>12</sup>
<b>Media</b>	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, film, backlit, fabric/textile
	Weight	Up to 500 g/m <sup>2</sup> (133 lb)
	Size	24-in models: 210 to 610 mm (8.3 to 24 in) wide sheets; 279 to 610 mm (11 to 24 in) rolls 44-in models: 210 to 1118 mm (8.3 to 44 in) wide sheets; 279 to 1118 mm (11 to 44 in) rolls
	Thickness	Up to 0.8 mm (31.5 mil)
<b>Memory</b>	Standard	256 MB
	Hard disk	Standard, 80 GB
<b>Connectivity</b>	Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
	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®, HP PCL 3 GUI
<b>Dimensions (w x d x h)</b>	Printer	24-in models: 1262 x 690 x 1047 mm (49.7 x 27.2 x 41.2 in) 44-in models: 1262 x 690 x 1047 mm (69.7 x 27.2 x 41.2 in)
	Shipping	24-in models: 1470 x 780 x 740 mm (57.8 x 30.7 x 29.1 in) 44-in models: 1965 x 780 x 780 mm (77.3 x 30.7 x 30.7 in)
<b>Weight</b>	Printer	24-in models: 65 kg (143 lb) 44-in models: 86 kg (189 lb)
	Shipping	24-in models: 102 kg (225 lb) 44-in models: 123 kg (271 lb)
<b>What's in the box</b>	HP Designjet Z3200 Photo Printer, spindle, printheads, introductory ink cartridges, Original HP media roll, printer stand <sup>13</sup> , rear tray, 3-in core adapter, quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software	
<b>Environmental ranges</b>	Operating temperature:	5 to 40°C (41 to 104°F)
	Storage temperature:	-25 to 55°C (-13 to 131°F)
	Operating humidity:	20 to 80% RH
<b>Acoustic</b>	Sound pressure	49 dB(A) (active), 29 dB(A) (standby)
	Sound power	6.5 B(A) (active); 4.4 B(A) (standby)
<b>Power consumption</b>	< 170 watts (printing), < 31 watts (ready), < 12 watts (< 30 watts with embedded Digital Front End) (sleep), 0.1 watts (off) Requirements: Input voltage (auto ranging): 100 to 240 VAC (+/- 10%) 50/60 Hz (+/- 3 Hz), 2 amps maximum	
<b>Certification</b>	Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE), Korea (KATS)
	Electromagnetic	Compliant with Class A requirements, including USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
	Environmental	ENERGY STAR, WEEE, EU RoHS, China RoHS, REACH, FEMP
<b>Warranty</b>	One-year warranty extension (next-day on-site support), three-year HP Care Pack (next-day on-site support), setup and network installation	

## Ordering information

<b>Product</b>	Q6720B	HP Designjet Z3200ps 24-in Photo Printer
	Q6721B	HP Designjet Z3200ps 44-in Photo Printer
<b>Accessories</b>	Q6699A	HP Designjet Z 44-in Spindle
	Q6700A	HP Designjet Z/T1xxx/T6xx 24-in Spindle
	J8025A	HP Jetdirect 640n Print Server
	CQ654B	HP Designjet HD Scanner
	Q6663A	HP Designjet T/Z 24-in Stand (AP only)
	<b>Original HP printheads</b>	C9405A
	C9406A	HP 70 Magenta and Yellow Printhead
	C9407A	HP 70 Photo Black and Light Gray Printhead
	C9408A	HP 70 Blue and Green Printhead
	C9410A	HP 70 Gloss Enhancer and Gray Printhead
	CD949A	HP 73 Matte Black and Chromatic Red Printhead
<b>Original HP ink cartridges and maintenance supplies</b>	C9448A	HP 70 130-ml Matte Black Ink Cartridge
	C9449A	HP 70 130-ml Photo Black Ink Cartridge
	C9450A	HP 70 130-ml Gray Ink Cartridge
	C9451A	HP 70 130-ml Light Gray 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
	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
	CD951A	HP 73 130-ml Chromatic Red Ink Cartridge
<b>Original HP large format printing materials</b>	Q8840A	HP Professional Instant-dry Satin Photo Paper-1118 mm x 15.2 m (44 in x 50 ft)
	Q7991A	HP Premium Instant-dry Gloss Photo Paper (FSC® certified) <sup>14</sup> 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)
	Q8673B	HP Professional Matte Canvas-610 mm x 15.2 m (24 in x 50 ft)
	Q8710A	HP Collector Satin Canvas-1067 mm x 15.2 m (42 in x 50 ft)

Use HP Photo Inks and printheads to experience consistent high-quality and reliable performance that enable less downtime and increased productivity. These critical printing system components are designed and engineered together to provide optimized efficiency, a wide colour gamut, and prints with over 200 years fade resistance<sup>16</sup>. For more information, visit [hp.com/go/OriginalHPInks](http://hp.com/go/OriginalHPInks).

For the entire HP Large Format Printing Materials portfolio, please see [hp.com/go/lfprinting/materials-supplies](http://hp.com/go/lfprinting/materials-supplies).

<b>Service and support</b>	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
	UF046PE	HP 1 year Post Warranty Next Business Day Onsite Designjet Z3x00 Hardware Support
	H4518E	HP Network Installation Designjet T23-71XX/400-6200 Service

- (9) Mechanical printing time with Original HP inks. Measured on a 44-in model.  
 (10) ICC absolute colorimetric accuracy on HP Proofing Matte paper with Original HP inks.  
 (11) With HP Premium Instant Dry Photo Satin media with Original HP inks, right after calibration.  
 (12) With HP Premium Instant Dry Photo Gloss media with Original HP inks.  
 (13) Stand not included in the box in Asia Pacific for 24-in models.  
 (14) FSC® trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). Not all FSC®-product is available in all regions.  
 (15) Papers can be recycled according to region-specific practices. In North America and Asia (including Japan), recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area); in Europe recyclable in consumer collection systems that accept liquid packaging.  
 (16) Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media with Original HP inks. See [hp.com/go/supplies/printpermanence](http://hp.com/go/supplies/printpermanence).



For more information, please visit: [hp.com/go/DesignjetZ3200](http://hp.com/go/DesignjetZ3200)

© Copyright 2012-2013 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Windows is a U.S. registered trademark of Microsoft Corporation. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. Adobe, Adobe Photoshop, Adobe PostScript 3, and PostScript are trademarks of Adobe Systems Incorporated. PANTONE and other Pantone, Inc. trademarks are the property of Pantone, Inc. PANTONE Colors displayed herein may not match PANTONE-identified standards. Consult current PANTONE Color Publications for accurate color.

4AA4-4150EEW, February 2013

