Data sheet

HP Designjet Z3200 Photo Printer series

The most advanced 12-ink printer[1] for gallery-quality prints

Wide color gamut and outstanding black-and-white

- 12 Original HP Photo Inks deliver gallery-quality black-and-white and color prints lasting up to 200 years[2].
- Create exceptional black-and-white prints—an HP Quad-black ink set delivers smooth transitions, neutral grays.
- Get superior gloss uniformity and minimize bronzing on most glossy photo papers with HP Gloss Enhancer[3].
- Achieve an expanded color gamut with 96% PANTONE® coverage[4] enabled by HP chromatic red ink.

Easy color calibration and profiling

- Generate custom ICC profiles and achieve color accuracy, consistency with the embedded spectrophotometer[5].
- See consistent print-to-print color regardless of fluctuating environmental conditions with HP technologies.
- Simplify your workflow— easily access, create, and share paper presets using the enhanced HP Color Center.
- Get color reliability with HP Professional PANTONE® color emulation and Adobe Postscript®/PDF support[6].

Low-maintenance and high ink efficiency[7]

- Optimize performance, ink usage—automatic servicing routines help prevent nozzle clogging, reduce media waste.
- Save time, money—embedded TIFF, JPEG, and Adobe PS3/PDF RIP enable direct job submission, queuing, nesting[8].
- Streamline production with an HP Embedded Web Server and print previews, which help eliminate trial and error.
- Stay up-to-date—HP Printer Utility software provides printer status, desktop alerts, and automatic updates.

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1 The 12-ink HP Designjet Z3200 Photo Printer is the most advanced printer compared with other HP Z-series printers.
2 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. For more information, see globalBMG.com/hp/printpermanence.
3 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.
4 96% coverage of PANTONE MATCHING SYSTEM® and PANTONE® GOE systems, based on HP internal testing (PANTONE® approval pending).
5 Embedded in this HP Designjet 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.
6 Pending PANTONE-licensed.
7 Based on internal HP testing, the HP Designjet Z3200 Photo Printer series utilizes at least 30% less ink during routine maintenance operations versus select printers from other vendors.
8 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.

Technical specifications

Print	Color images[9]	Fast: 2 min/page on A1/D or up to 17 m²/hr (182.9 ft²/hr) on coated media. Best: 12.4 min/page on A1/D or up to 2.58 m²/hr (27.8 ft² / hr) on glossy media
	Print resolution	Up to 2400 x 1200 optimized dpi
	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) (borderless on photo 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
Image quality	Color accuracy	Median < 1.6 dE2000, 95% of colors < 2.8 dE2000[10]
	Short-term color stability	< 1 dE2000 in less than 5 minutes[11]
	Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000[11]
	Maximum optical density	4 L* min/2.5 D[12]
Media	Handling	Sheet feed, roll feed, media bin[13], automatic cutter (cuts all media except canvas)
	Weight	Up to 500 g/m² (133 lb)
	Size	24-in models: 210 x 279 to 610 x 1676-mm (8.3 x 11 to 24 x 66-in) sheets; 279 to 610-mm (11 to 24-in) rolls 44-in models: 210 x 279 to 1118 x 1676-mm (8.3 x 11 to 44 x 66-in) sheets; 279 to 1118-mm (11 to 44-in) rolls
	Thickness	Up to 0.8 mm (31.5 mil)
Applications	Photos, Digital fine art, Graphics design, Layouts and comps, Mockups, Proofs, Proofing	
Memory	Standard	256 MB
	Hard disk	80 GB
Connectivity	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
Dimensions (w x d x h)	Printer	24-in models: 1262 x 690 x 1047 mm (49.7 x 27.2 x 41.2 in) 44-in models: 1770 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)
Weight	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)
What's in the box	HP Designjet Z3200 Photo Printer, spindle, printheads[13], introductory ink cartridges, printer stand and media bin[13], rear tray, 3-in core adapter, quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software	
Environmental ranges	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	
Acoustic	Sound pressure	49 dB(A) (active), 29 dB(A) (standby)
	Sound power	6.5 B(A) (active); 4.4 B(A) (standby)
Power consumption	< 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	
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN 60950-1 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
Warranty	One-year warranty with on-site, next business-day service	

Ordering information

Product	Q6720B	HP Designjet Z3200ps 24-in Photo Printer
	Q6721B	HP Designjet Z3200ps 44-in Photo Printer
Accessories	Q6699A	HP Designjet Z 44-in Spindle
	Q6700A	HP Designjet Z/T1xxx/T6xx 24-in Spindle
	J8025A	HP Jetdirect 640n Print Server
	G6H51A	HP Designjet HD Pro Scanner
	Q6663A	HP Designjet T/Z 24-in Stand (AP only)
Original HP printheads	C9405A	HP 70 Light Magenta and Light Cyan Printhead
	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
Original HP ink cartridges and maintenance supplies	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
Original HP large format printing materials	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)[14] ♻[15] 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)
Service and 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[17]
	UF037E	HP 5 year Next Business Day Onsite Designjet Z3x00 Hardware Support[17]
	UF046PE	HP 1 year Post Warranty Next Business Day Onsite Designjet Z3x00 Hardware Support
	H4518E	HP Network Installation Designjet T23-71XX/400-6200 Service
	UK505E	HP 3 year Next Business Day Onsite Support with Defective Media Retention[18]
	UK506PE	HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention[18]

HP Designjet Support Services offer solutions for business critical environments — installation, extended support and maintenance, as well as variety of value added services.
For more information, please visit hp.com/go/designjetsupport.

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 color gamut, and prints with over 200 years fade resistance[16]. For more information, visit hp.com/go/OriginalHPinks.

For the entire HP Large Format Printing Materials portfolio, please see globalBMG.com/hp.

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 Not included in the box in Asia Pacific for 24-in models.
14 FSC® trademark license code FSC®-C017543, see 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 globalBMG.com/hp/printpermanence.
17 Not available in North America and Latin America.
18 Not available in Europe, Middle East, and Africa.

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