



HP Designjet Z3200 Photo Printer series

The most advanced 12-ink printer¹ 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 years².
- 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 Enhancer³.
- Achieve an expanded color gamut with 95% PANTONE[®] coverage⁴ enabled by HP chromatic red ink.

Easy color calibration and profiling

- Generate custom ICC profiles and achieve color accuracy, consistency with the embedded spectrophotometer⁵.
- 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 support⁶.

Low-maintenance and high ink efficiency⁷

- 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, nesting⁸.
- 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.

For more information, please visit
hp.com/go/DesignjetZ3200

- 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 hp.com/go/supplies/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 95% coverage of PANTONE MATCHING SYSTEM[®] and PANTONE[®] GOE systems, based on HP internal testing (PANTONE[®] approval pending). Please visit hp.com/go/Z3200/PANTONE for final results.
- 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 m ² /hr (182.9 ft ² /hr) on coated media. Best: 12.4 min/page on A1/D or up to 2.58 m ² /hr (27.8 ft ² /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 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 canvases) |
| | Weight | Up to 500 g/m ² (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) |
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| 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, Original HP media roll, 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 | |
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| 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 | |

For more information, please visit
hp.com/go/DesignjetZ3200



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Ordering information

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| 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 |
| | CQ654C | HP Designjet HD Scanner |
| | Q6663A | HP Designjet T/Z 24-in Stand (AP only) |
| | C9405A | HP 70 Light Magenta and Light Cyan Printhead |
| Original HP printheads | 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 |
| Original HP large format printing materials | CD951A | HP 73 130-ml Chromatic Red Ink Cartridge |
| | 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) ¹⁴ 610 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) |
| Service and support | Q8710A | HP Collector Satin Canvas-1067 mm x 15.2 m (42 in x 50 ft) |
| | 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/designjet/support.

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 resistance¹⁶. For more information, visit hp.com/go/OriginalHPInks.

For the entire HP Large Format Printing Materials portfolio, please see hp.com/go/lfpprinting/materials-supplies.

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 hp.com/go/supplies/printpermanence

¹⁷ Not available in North America and Latin America.

¹⁸ Not available in Europe, Middle East, and Africa.

