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.

Low-maintenance and high ink efficiency[6]

- 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.

- 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
http://www.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 http://www.hplfmedia.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] 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.

Technical specifications

Print

Colour images	**Fast:** 2 min/page on A1 or up to 17 m²/hr on coated media[1] **Best:** 12.4 min/page on A1 or up to 2.58 m²/hr on glossy media[1]
Print resolution	Up to 2400 x 1200 optimized dpi
Margins	**Roll:** 5 x 5 x 5 x 5 mm (borderless on photo roll media) **Sheet:** 5 x 17 x 5 x 5 mm
Technology	HP Thermal Inkjet

Image quality

Colour accuracy	Median < 1.6 dE2000, 95% of colours < 2.8 dE2000[2]
Short term colour stability	< 1 dE2000 in less than 5 minutes[3]
Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colours < 1.4 dE2000[4]
Maximum optical density	4 L* min/2.5 D[5]

Media

Maximum media roll weight	Up to 500 g/m²
Handling	Sheet feed; roll feed; media bin; automatic cutter (cuts all media except canvas)
Weight	Up to 500 g/m²
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
Applications	Photos; Digital fine art; Graphics design; Layouts and comps; Mockups; Proofs; Proofing
Memory	256 MB; Standard, 80 GB hard disk

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® 3™, HP PCL 3 GUI

Dimensions (w x d x h)

Printer with stand	24-in: 1262 x 690 x 1047 mm 44-in: 1770 x 690 x 1047 mm
Shipping	24-in: 1470 x 780 x 740 mm 44-in: 1965 x 780 x 780 mm

Weight

Printer	24-in: 65 kg 44-in: 86 kg
Shipping	24-in: 102 kg 44-in: 123 kg
What's in the box	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
Software available	Printer drivers, HP Printer Utility including HP Color Center, HP DesignJet Click

Environmental ranges

Operating temperature	5 to 40° C
Storage temperature	-25 to 55° C
Operating humidity	20 to 80% RH

Acoustics

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 (autoranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A 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; REACH; FEMP
Warranty	One-year warranty with on-site, next business-day service

Ordering information

Product

Q6720B	HP DesignJet Z3200 610-mm PostScript Photo Printer
Q6721B	HP DesignJet Z3200 1118-mm PostScript Photo Printer

Accessories

G6H51B	HP HD Pro 42-in Scanner
Q6699A	HP Designjet Zx100 44-in Spindle for Graphics
Q6700A	HP Designjet Z/T1xxx/T6xx 24-in Spindle
J8025A	HP Jetdirect 640n Print Server
Q6663A	HP DesignJet T/Z 24-in Stand

Original HP printheads

C9405A	HP 70 Light Magenta and Light Cyan DesignJet Printhead
C9406A	HP 70 Magenta and Yellow DesignJet Printhead
C9407A	HP 70 Photo Black and Light Gray DesignJet Printhead
C9408A	HP 70 Blue and Green DesignJet Printhead
C9410A	HP 70 Gloss Enhancer and Gray DesignJet Printhead
CD949A	HP 73 Matte Black and Chromatic Red DesignJet Printhead

Original HP ink cartridges

C9448A	HP 70 130-ml Matte Black DesignJet Ink Cartridge
C9449A	HP 70 130-ml Photo Black DesignJet Ink Cartridge
C9450A	HP 70 130-ml Gray DesignJet Ink Cartridge
C9451A	HP 70 130-ml Light Gray DesignJet Ink Cartridge
C9453A	HP 70 130-ml Magenta DesignJet Ink Cartridge
C9454A	HP 70 130-ml Yellow DesignJet Ink Cartridge
C9455A	HP 70 130-ml Light Magenta DesignJet Ink Cartridge
C9457A	HP 70 130-ml Green DesignJet Ink Cartridge
C9458A	HP 70 130-ml Blue DesignJet Ink Cartridge
C9459A	HP 70 130-ml Gloss Enhancer DesignJet Ink Cartridge
C9390A	HP 70 130-ml Light Cyan DesignJet Ink Cartridge
CD951A	HP 73 130-ml Chromatic Red DesignJet 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-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 Z3200 Hardware Support
UF036E HP 4 year Next Business Day Onsite DesignJet Z3200 Hardware Support
UF037E HP 5 year Next Business Day Onsite DesignJet Z3200 Hardware Support
UF046PE HP 1 year Post Warranty Next Business Day Onsite DesignJet Z3200 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
UK506PE HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention

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 Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays. For more information, visit hp.com/go/OriginalHPinks.

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

[1] Mechanical printing time
[2] ICC absolute colorimetric accuracy on HP Proofing Matte paper with Original HP inks
[3] With HP Premium Instant Dry Photo Satin media with Original HP inks, right after calibration
[4] With HP Premium Instant Dry Photo Satin media with Original HP inks, right after calibration
[5] With HP Premium Instant Dry Photo Gloss media with Original HP inks