



HP DesignJet Z9+ PostScript® Printer series

Professional photo prints, fast and simple. More quality with fewer inks.



AMAZING — Deliver high quality with confidence

- Impress the most demanding customers with smooth transitions and sharp details thanks to HP Pixel Control.
- No need for light inks using new high-definition HP printheads with dual drop technology.
- Achieve expanded gamut with RGB HP Vivid Photo Inks and the embedded spectrophotometer.⁵
- Get superior gloss uniformity by upgrading your printer to include HP Gloss Enhancer.⁴

FAST — Work without delays

- Cut post-processing labor time up to 20% with the first printer to include an integrated vertical trimmer.²
- Print up to 2.5 times faster¹ without losing quality, with 2400 nozzle-per-inch high-definition printheads.
- Spend less time on media changes and adjustments with dual roll support and automatic roll switching.²

SIMPLE — New tools for you and your customers

- Easily design applications from posters to banners and canvas with the HP Applications Center.³
- No disruption to your workflow, keep using your current RIPs, validated with HP RIP certification program.⁶
- Get remote visibility and control to better manage your print production environment with HP PrintOS.
- Enjoy one-click printing that also helps reduce media waste using HP Click printing software.⁷

For more information, please visit
hp.com/go/DesignJetZ9

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: hp.com/go/learnaboutsupplies

¹ Based on internal HP testing. Up to 2.5 times faster printing compared to the HP DesignJet Z3200 Photo Printer series. May vary depending on print mode and media type.

² Vertical trimmer and dual rolls included with the HP DesignJet Z9+ 44-in PostScript® Printer with V-Trimmer only. Up to 20% reduction in post-processing labor time based on internal HP testing compared to HP DesignJet Z9+ series printers without built-in vertical trimmer.

³ Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see happlicationscenter.com.

⁴ Based on internal HP testing, comparing to HP DesignJet Z9+ series printers without gloss enhancer. HP Gloss Enhancer can be used on photo paper, with the exception of matte-finish papers. Optional upgrade available second half 2018.

⁵ Embedded in the HP DesignJet Z9+ Printer series 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 For a list of HP certified RIPs, visit: <http://www8.hp.com/us/en/large-format-printers/designjet-printers/zseries-rips.html>.

⁷ Once image is selected, one-click printing when printing the entire file without any modifications to the print settings. Applicable to PDF, JPEG, TIFF, and HP-GL/2 files.

Technical specifications

Print	Max print speed	795 ft ² /hr ¹ (73.9 m ² /hr ¹) on plain media
	Color images	Normal: 1.5 min/page ² on A1/D or up to 228 ft ² /hr ¹ (21.1 m ² /hr ¹) on coated media Best: 8.1 min/page ² on A1/D or up to 40 ft ² /hr ¹ (3.7 m ² /hr ¹) on glossy media
	Print resolution	Up to 2400 x 1200 optimized dpi
	Technology	HP Thermal Inkjet
	Margins	Roll: 0.2 x 0.2 x 0.2 x 0.2 in (borderless on select media ³ , and on all media when using V-Trimmer ⁴) (5 x 5 x 5 x 5 mm (borderless on select media ³ , and on all media when using V-Trimmer ⁴)) Sheet: 0.2 x 0.67 x 0.2 x 0.2 in (5 x 17 x 5 x 5 mm)
	Ink types	Pigment-based
	Ink cartridges	9 (cyan, magenta, yellow, matte black, photo black, chromatic red, chromatic green, chromatic blue, gray)
	Ink drop	7/3 pl dual-drop weight (M, C, PK, CB, G); 6 pl single-drop weight (Y, CR, MK, CG)
	Printheads	5 universal printheads (valid for all colors)
	Image quality	Color accuracy
Short-term color stability		< 1 dE2000 in less than 5 minutes ⁶
Long term print-to-print repeatability		Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 ⁶
Maximum optical density		4 L* min/2.5 D ⁶
Media	Handling	Single-roll: Roll feed, front sheet feed, media output bin, automatic horizontal cutter; Dual-roll: Two automatic roll feeds, smart roll-switching, front sheet feed, media output bin, automatic horizontal cutter and vertical trimmer (cuts all HP Z-series printer-qualified media, including most all canvas. Does not Support HP Adhesive media or canvas with hard stiff meses.)
	Sheet size	24-in: 8.3 x 11 to 24 x 66 in; 44-in: 8.3 x 11 to 44 x 66 in; (24-in: 210 x 279 to 610 x 1676 mm; 44-in: 210 x 279 to 1118 x 1676 mm)
	Roll size	24-in: 11 to 24-in; 44-in: 11 to 44-in; (24-in: 279 to 610-mm; 44-in: 279 to 1118-mm)
	Standard sheets	24-in: A, B, C, D; 44-in: A, B, C, D, E; (24-in: A4, A3, A2, A1; 44-in: A4, A3, A2, A1, A0)
	Weight	Up to 500 g/m ²
	Thickness	Up to 31.5 mil (Up to 0.8 mm)
	Memory	128 GB (virtual) ⁷ ; 500 GB self-encrypting hard disk
	Connectivity	Interfaces
Print languages (standard)		Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP-GL/2, HP-RTL
Mobile printing features		Direct print for mobile apps for iOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for iOS and Android.
Drivers		Raster and PostScript drivers for Windows and macOS; PDF driver for Windows
Security features	HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3, HTTPS, Secure-IP, IPsec/Firewall, Certificates management, 802.1X, TLS 1.0/1.1/1.2, HP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, Secure Disk erase (DoD 5220.22-M), Secure File erase, self-encrypted HDD, PIN printing	
Dimensions (w x d x h)	Printer	50.9 x 27.4 x 39.3 in (1293 x 695 x 998 mm)
	Shipping	56.7 x 30.2 x 28.3 in (1440 x 766 x 718 mm)
Weight	Printer	159 lb (72 kg)
	Shipping	225 lb (102 kg)
What's in the box	HP DesignJet Z9* PostScript Printer; printheads; introductory ink cartridges; printer stand and media bin; spindle; 3-in core adapter ⁸ ; quick reference guide; setup poster; power cord	
Software included	Printer drivers, HP Click, HP Web Jetadmin, HP JetAdvantage Security Manager, HP DesignJet Utility including HP Color Center, HP Partner Link Pay-per-use, HP MPS	
Environmental ranges	Operating temperature: 41 to 104°F (5 to 40°C) Operating humidity: 20 to 80% RH	
Acoustic	Sound pressure	42 dB(A) (operating); 33 dB(A) (idle); <16 dB(A) (sleep)
	Sound power	6.0 B(A) (operating); 5.1 B(A) (idle); <3.4 B(A) (sleep)
Power	Consumption	< 100 W (printing); < 32 W (ready); < 0.3 W (< 6.5 W with embedded Digital Front End) (sleep); 0.1 W (off)
	Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max
Certification	Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Kazakhstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS)
	Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC), South Africa (SABS)
	Environmental	ENERGY STAR; ErP; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT Silver
Warranty	One-year limited hardware warranty	

Ordering information

Product	X9D24A	HP DesignJet Z9* dr 44-in PostScript® Printer with V-Trimmer	
	W3Z72A	HP DesignJet Z9* 44-in PostScript® Printer	
	W3Z71A	HP DesignJet Z9* 24-in PostScript® Printer	
	Accessories	2QX55A	HP Gloss Enhancer Upgrade Kit
		N7P47AA	HP USB 3.0 to Gigabit LAN Adapter
		CN538A	HP DesignJet 3-in Core Adapter
		Q6700A	HP DesignJet 24-in Spindle
		Q6709A	HP DesignJet 44-in Spindle
		1QF38A	HP DesignJet 44-in Take-up Reel
		G6H51B	HP HD Pro 42-in Scanner
G6H50B		HP SD Pro 44-in Scanner	
Original HP ink cartridges and printheads		P2V81A	HP 746 300-ml Chromatic Red DesignJet Ink Cartridge
		P2V80A	HP 746 300-ml Cyan DesignJet Ink Cartridge
	P2V78A	HP 746 300-ml Magenta DesignJet Ink Cartridge	
	P2V83A	HP 746 300-ml Matte Black DesignJet Ink Cartridge	
	P2V82A	HP 746 300-ml Photo Black DesignJet Ink Cartridge	
	P2V79A	HP 746 300-ml Yellow DesignJet Ink Cartridge	
	P2V85A	HP 747 300-ml Chromatic Blue DesignJet Ink Cartridge	
	P2V84A	HP 747 300-ml Chromatic Green DesignJet Ink Cartridge	
	P2V87A	HP 747 300-ml Gloss Enhancer DesignJet Ink Cartridge	
	P2V86A	HP 747 300-ml Gray DesignJet Ink Cartridge	
	P2V25A	HP 746 DesignJet Printhead	
	Original HP large format printing materials	Q6581A	HP Universal Instant-dry Satin Photo Paper (FSC® certified) ^{9,10} 42 in x 100 ft (67 mm x 30.5 m)
COF20A		HP Everyday Adhesive Matte Polypropylene, 2 Pack 42 in x 75 ft (1067 mm x 22.9 m)	
E4J57A		HP Artist Matte Canvas 44 in x 50 ft (1118 mm x 15.2 m)	
Y3Z17A		HP Everyday Blockout Display Film 36 in x 100 ft (914 mm x 30.5 m)	
Q6627B		HP Super Heavyweight Plus Matte Paper (FSC® certified) ^{9,10} 36 in x 100 ft (914 mm x 30.5 m)	
Service and support	U9ZC1E	HP 3 year Next Business Day plus Defective Media Retention Support	
	U9ZC3E	HP 5 year Next Business Day plus Defective Media Retention Support	
	U9ZC4PE	HP 1 year Post Warranty, Next Business Day plus Defective Media Retention Support	
	H4518E	HP Network Installation Service with Network Setup	

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 resistance¹⁵. For more information, visit hp.com/go/OriginalHPInks.

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

Eco Highlights

- Save paper with two roll configuration, print image nesting, blank print area detection, image auto rotate, and realistic print previews
- Less ink wasted thanks to efficient installation and maintenance routines
- Free, convenient cartridge and printhead recycling¹

¹ Program availability varies. Please check hp.com/recycle for details.

Please recycle large-format printing hardware and printing supplies. Find out how at our website: hp.com/ecosolutions

- Maximum rate of output for color image 100% color coverage. Printed in Economode, on HP Bright White Inkjet Paper (bond), maximum roll size, with Original HP Vivid Photo Inks. Measured on a 44-in printer.
- Mechanical printing time with Original HP Vivid Photo Inks. Measured on a 44-in printer.
- Borderless printing available on photo, polypropylene, and backlit roll media.
- Except self-adhesive vinyls and non-cuttable medias.
- ICC absolute colorimetric accuracy on HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.
- With HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.
- Based on 4 GB RAM.
- Not included in the box for 24-in models.
- BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.
- Recyclable HP papers can be recycled through commonly available recycling programs, or according to region-specific practices, or can be returned through the HP Large Format Media take-back program. Recycling programs may not exist in your area. See HPLFMedia.com/hp/ecosolutions for details.



© Copyright 2018 HP 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. Mac and the Mac logo are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. 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.

4AA7-2603ENA, May 2018

