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 faster\(^1\) 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+ dr-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 hpapplicationscenter.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.


\(^7\) 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.
Datasheet | HP DesignJet Z9+ PostScript® Printer series

Technical specifications

Print
Max print speed 795 ft²/h (73.9 m²/h) on plain media
Color images Normal: 1.5 min/page on A3+ or up to 228 ft²/hr (21.1 m²/hr) on coated media Best: 8.1 min/page on A3+ or up to 40 ft²/hr (3.7 m²/hr) 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 in (borderless on select media), and on all media when using V-Trimmer (5 x 5 x 5 in (borderless on select media), and on all media when using V-Trimmer!!)
Sheet: 0.2 x 0.2 x 0.2 in (1.7 x 5.5 mm)
Vf types Pigmented-based
Vf cartridges 9 (cyan, magenta, yellow, matte black, photo black, chromatic red, chromatic green, chromatic blue, gray)
Vf drop 7.91/12 of dual-drop weight (VF, CR, MK, CG)
Printheads 5 universal printheads (valid for all colors)

Image quality
Color accuracy Median < 1.6 dB2000, 95% of colors < 2.8 dB2000
Sharpness/motion stability < 1 dB2000 in less than 5 minutes
Long term print-to-print variability Average < 0.5 dB2000, 95% of colors < 1.4 dB2000
Maximum optical density 4.1 L min-2 S-1

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 AHP2 2-color printer; colored media, including most all papers. Does not support HP Adhesive media or media with hard soft marks.)
Sheet size 24-in: 8.3 x 11 to 24 x 66 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: 210 x 279 to 610 x 1676 mm; 44-in: 210 x 279 to 1118 x 1118 mm
Standard sheets 24-in: A, B, C, D, E, A, D, E, A, C, D, E, A, D, E, A, G3
Weight Up to 33 lb (150 kg)
Thickness Up to 0.31 in (0.8 mm)
Memory 128 GB (virtual); 500 GB self-encrypting hard disk

Connectivity
Interfaces Ethernet, Fast Ethernet, Gigabit Ethernet, 10/100/1000Base-T Ethernet; Bluetooth, USB 3.0, USB 2.0, 1 USB Type-A host port
Print languages (standard) Adobe(PostScript), 3D, 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 Smart app for iOS and Android
Drivers Raster and PostScript drivers for Windows and macOS, and PDF driver for Windows.

Security features
HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3, HTTPS, Secure-IPP, IPsec/ IKEv2, 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 63.4 x 35.5 x 42.5 in (1621 x 902 x 1081 mm)

Weight
Printer 151 lb (72 kg)
Shipping 225 lb (102 kg)

What’s in the box

Software included
Printer drivers, HP Click, HP Web assistant, HP JetAdvantage Security Manager, HP DesignJet Utility including HP Color Center; HP Partner Print-Pay-as-you-print. HP MFP

Environmental
Operating temperature: 41 to 104°F (5 to 40°C)
Operating humidity: 20 to 80% RH

Acoustic
Sound pressure 82 dB(A) (operating); 33 dB(A) (idle); 12 dB (sleep)
Sound power 6.0 dB(A) (operating); 5.1 dB(A) (idle); -3.8 dB(A) (sleep)

Power
Consumption < 100 W (printing); < 32 W (ready); < 0.1 W (idle) with embedded Digital Front End (sleep).< 1 W (off)
Requirements Input voltage (austrian): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max

Certification
Safety USA and Canada (CSA certified); EU 2011/65/EC, EN 60950-1 compliant; Russia, Belarus, Kazakhstan (IEC); Singapore (PSB); China (CCC), Argentina (ARIMA); India (BIS)

Environmental
ENERGY STAR, EPEAT, WEEE, RoHS CEU, China, Korea, India, REACH, Silver, EPEAT Silver

Warranty
One-year limited hardware warranty

Product
P9B24A HP DesignJet Z9+ 44-in PostScript® Printer with V-Trimmer
W372A HP DesignJet Z9+ 44-in PostScript® Printer
W371A HP DesignJet Z9+ 24-in PostScript® Printer

Accessories
20X03A HP Gloss Enhancer Upgrade Kit
C4P74A HP USB 3.0 to Gigabit LAN Adapter
C9538A HP DesignJet 3-in Core Adapter
G7670A HP DesignJet 24-in Spindle
G7679A HP DesignJet 44-in Spindle
Q1F38A HP DesignJet 44-in Take-up Reel
SA518B HP DesignJet 44-in Scanner
SH518B HP DesignJet 24-in Scanner

Original HP ink cartridges and printheads
P8V13A HP 746 300-ml Chromatic Red DesignJet Ink Cartridge
P8V16A HP 746 300-ml Cyan DesignJet Ink Cartridge
P8V17A HP 746 300-ml Magenta DesignJet Ink Cartridge
P8V18A HP 746 300-ml Matte DesignJet Ink Cartridge
P8V20A HP 746 300-ml Black DesignJet Ink Cartridge
P8V22A HP 746 300-ml Chromatic Green DesignJet Ink Cartridge
P8V27A HP 746 300-ml Yellow DesignJet Ink Cartridge
P8V35A HP 747 350-ml Chromatic Blue DesignJet Ink Cartridge
P8V44A HP 747 350-ml Chromatic Green DesignJet Ink Cartridge
P8V47A HP 747 350-ml Gloss Enhancer DesignJet Ink Cartridge
P8V48A HP 747 350-ml Gray DesignJet Ink Cartridge
P8V55A HP DesignJet PostScript

Original HP large format printing materials
Q5631A HP Universal Instant-dry Satin Photo Paper (FSC® certified) 42 in x 100 ft (67 mm x 30.5 m)
Q5632A HP Everyday Adhesive Matte Polypropylene, 2 Pack 42 in x 75 ft (1067 mm x 22.9 m)
E4107A HP Artist Matte Canvas 44 in x 50 ft (1118 mm x 15.2 m)
Y3217A HP Everyday Matte Display Film 36 in x 100 ft (914 mm x 30.5 m)
Q6627B HP Super Heavyweight Plus Matte Paper (FSC® certified) 36 in x 100 ft (914 mm x 30.5 m)

Service and support
V9C1E HP 3 year Next Business Day plus Defective Media Retention Support
V9C2E HP 5 year Next Business Day plus Defective Media Retention Support
H4S1B8 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/support.

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 recycling and printhead recycling
• Use HP Photo Inks and printheads to experience consistent high-quality and reliable performance that's been designed and engineered together to provide optimized efficiency, a wide color gamut, and prints with over 200 years fade resistance.

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

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.