Please Call # 9447277700

Datasheet

HP DesignJet Z9+ Pro 64-in Printer

High-precision maps with dual roll productivity[1]

PRECISE—High precision and fine line detail

- Rely on clear PDF output—see excellent transparencies and layers reproduction—with Adobe PDF Print Engine.[2]
- Achieve fine details, sharp contour lines and text with high-definition HP HDNA printheads.
- Get smooth gradients and reproduce distinct shades of color with HP Pixel Control.
- Work with water- and fade-resistant prints with HP Vivid Photo Inks.[3]

PRODUCTIVE—Enhanced efficiency, higher speed[4]

- Save media change time—up to 40%—with dual roll option for two media types/sizes, automatic roll switching.[5]
- Be more efficient—experience fast media handling, spindle-less and automatic roll feed.[6]
- Be more productive—print 2X faster on plain paper at the same quality[4] and easily handle production peaks.
- Reduce supplies interventions with recyclable 1-liter HP Eco-Carton ink cartridges.[7]

SECURE—Ultimate security to protect your work

- Protect your data with encrypted communications and Access Control List.
- Control who accesses the printer and its confidential documents with secure PIN printing.
- Keep devices secure, set security preferences—any time—with HP Jet Advantage Security Manager software.[8]
- Rely on outstanding network protection with HP Connection Inspector, HP Secure Boot, and Whitelisting.

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HP Latex/ Plan/ Photo Printers/ Jumbo Scanners/ Xerox Digital Printers/ Vinyl Cutters/ Flatbed Cutters/ Routers/ Channel Benders/ Computers/ Software/ Media/ Consumables/ Service

For more information, please visit http://www.hp.com/go/DesignJet-Z9-Pro

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

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[1] Dual roll option must be purchased separately.
[2] Adobe PostScript®/PDF upgrade kit sold separately. The Adobe PDF Print Engine (APPE) is Adobe's high speed, high fidelity print platform. Version 5.5 extends APPE's leading edge for print reproduction with performance efficiencies and breakthrough rendering features. APPE 5.5 enables printers to increase workflow efficiency and capitalize on the profit potential of innovations in inkjet print technology. To learn more, visit http://www.adobe.com/products/pdfprintengine.
[3] Performance may vary based on writing system differences. Print permanence estimates by HP Image Permanence Lab based on the same formulation of HP Vivid Photo Inks used with the HP DesignJet Z6200 Photo Production Printer, using 6 inks. Water resistance performance varies based on printer and print profile. Water resistance testing by HP Image Permanence Lab on a range of HP media and follows ISO 18935 method. For more information, see http://www.HPLFMedia.com/printpermanence.
[4] Faster compared to the HP DesignJet Z6810 60-in Production Printer. Based on internal HP testing, January 2021. Using plain paper and Fast mode, the HP DesignJet Z9+ Pro 64-in Printer can achieve speed of 1055 ft²/hr (98 m²/hr at the same quality as the HP DesignJet Z6810 60-in Production Printer using plain paper and Normal mode at speed of 549 ft²/hr (51 m²/hr).
[5] Up to 40% less time based on internal HP testing in February 2021 compared to HP DesignJet Z6610/Z6810 60-in Production Printers without second roll option. HP DesignJet Z Pro Series 64-in Multifunction Roll sold separately.
[6] Based on testing commissioned by HP and performed by Sogeti in January 2021 comparing the HP DesignJet Z9+ Pro 64-in Printer and comparable competitive printers that represent the majority market share worldwide as of 2020 according to IDC, by loading a 44-in roll of Oce draft paper 75g/m². Measuring time from loading the roll in the "roll holder" until the printer finishes the loading. Test performed under the same conditions in both printers (loading upper/top roll and using default settings for skew and size detection).
[7] The ink cartridge HP Eco-Carton outer carton is 100% recyclable through local cardboard/paper programs. Inner materials including the ink bag are 55% recyclable and can be returned free of charge to the HP Planet Partners program for reprocessing of plastic parts. Zero landfill. For take-back of ink bag/printheads/prints, visit http://www.hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction.
[8] HP JetAdvantage Security Manager must be purchased separately. For details, see http://www.hp.com/go/securitymanager.

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Technical specifications

Print	
Print speed	Fast: 98 m²/hr on plain media Normal: 29 m²/hr on coated media Best: 14.1 m²/hr on glossy media[1]
Print resolution	Up to 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
Margins	Roll: 5 x 5 x 5 x 5 mm
Ink types	Pigment-based
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)
Printhead nozzles	3136 per color; 28,224 in total
Line accuracy	±0.1%[2]
Minimum line width	0.02 mm[3]
Color accuracy	Median < 1.6 dE2000, 95% of colors < 2.8 dE2000[4]
Short-term color stability	< 1 dE2000 in less than 5 minutes[5]
Long-term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000[5]
Max optical density	4 L* min/2.5 D[5]
Media	
Handling	One automatic roll feed, spindle-less system, optional multifunction roll accessory enabling either automatic second roll feed with smart roll-switching[6] or take-up reel capability, optional standalone take-up reel accessory, media output bin, automatic horizontal cutter (cuts all HP Z-series printer-qualified media, including most canvas)
Roll size	420 to 1626-mm
Grammage	80 to 500 g/m²
Thickness	Up to 0.6 mm
Applications	Banners; Canvas; Digital fine art; Exhibition and event graphics; Graphics design; Indoor posters; Light boxes - paper; Photos; Point of sale/display; POP/POS
Memory	86 GB file processing (based on 4 GB RAM)
Hard disk	500 GB self-encrypting
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T) (802.3, 802.3u, 802.3ab)
Native print languages	TIFF, JPEG, CALS G4, HP-GL/2, HP-RTL
Print languages (optional)	Adobe PostScript 3, Adobe PDF 1.7
Printing paths	Print drivers, HP Click, printing support for Chrome OS, HP Print Service Plugin for Android, HP Smart app for iOS and Android, HP SmartStream
Drivers	Raster drivers for Windows, raster drivers for macOS PDF driver for Windows and PostScript driver for macOS with optional PostScript/PDF Upgrade Kit
Security features	HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3, HTTPS, Secure-IPP, 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, encrypted PIN printing, unique admin password, HP Connection Inspector
Dimensions (w x d x h)	
Printer	2605 x 790 x 1402 mm
Shipping	2800 x 750 x 1302 mm
Weight	
Printer	170 kg
Shipping	264 kg
What's in the box	HP DesignJet Z9+ Pro Printer, printheads, introductory ink cartridges, maintenance cartridge, printer stand and media bin, 3-in core adapter, quick reference guide, setup poster, power cord, user maintenance kit
HP Software and solutions	HP Click printing software, HP PrintOS, HP Partner Link, HP DesignJet Accounting Tool, HP Web Jetadmin, HP SmartTracker (optional), HP SmartStream (optional), HP JetAdvantage Security Manager (optional)
Environmental ranges	
Operating temperature	5 to 40°C
Operating humidity	20 to 80% RH
Storage temperature	-20 to 55°C
Acoustics	
Sound pressure	52 dB(A) (operating), 25 dB(A) (idle), <20 dB(A) (sleep)
Sound power	≤6.9 B(A) (operating), ≤4.3 B(A) (idle), <4.0 B(A) (sleep)
Power	
Consumption	150 W (printing); <35 W (ready); <9 W (sleep); <0.3 W (off)
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 3 A max

Certification	
Safety	IEC 60950-1+A1+A2 and IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 and 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Argentina (IRAM); Singapore (PSB), China (CCC)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), China (CCC)
Environmental	ENERGY STAR 3.0, WEEE, EU RoHS, China RoHS, REACH, EPEAT
Warranty	One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product	
2RM82A	HP DesignJet Z9+ Pro 64-in Printer

Accessories	
1A4T0A	HP DesignJet Z Pro Series 2/3-in Core Adapter
5EK00A	HP HD Pro 2 42-in Scanner
7HC73A	HP DesignJet Z Pro Series 64-in Take-up Reel
7HC74A	HP DesignJet Z Pro Series 64-in Multifunction Roll
7HC75A	HP DesignJet Z9+ Pro Gloss Enhancer Upgrade Kit
7HC76A	HP DesignJet PostScript/PDF Upgrade Kit
8SW00A	HP SmartStream USB Preflight Manager
8SW01A	HP SmartStream Print Controller USB for HP DesignJet Printers
G6H50B	HP SD Pro 44-in Scanner

Original HP printing supplies	
1XB03A	HP 776 1-liter Chromatic Green Ink Cartridge
1XB04A	HP 776 1-liter Chromatic Blue Ink Cartridge
1XB05A	HP 776 1-liter Gray Ink Cartridge
1XB06A	HP 776 500-ml Gloss Enhancer Ink Cartridge
1XB10A	HP 776 1-liter Chromatic Red Ink Cartridge
1XB12A	HP 776 1-liter Matte Black Ink Cartridge
1XB13A	HP 776B 1-liter Magenta Ink Cartridge
1XB14A	HP 776B 1-liter Yellow Ink Cartridge
1XB15A	HP 776B 1-liter Cyan Ink Cartridge
1XB16A	HP 776B 1-liter Photo Black Ink Cartridge
3ED19A	HP 777 DesignJet Maintenance Cartridge
3EE09A	HP 777 DesignJet Printhead

Use Original HP inks and printheads, and HP large format printing materials, 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, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit hp.com/go/OriginalHPinks.

Original HP large format printing materials
Q6583A HP Universal Instant-dry Satin Photo Paper (FSC® certified)[7] (Recyclable)[8]
E4J58B HP Artist Matte Canvas
C6977C HP Heavyweight Coated Paper (FSC® certified)[7] (Recyclable)[8]
CH027A HP Everyday Matte Polypropylene, 2 Pack (Recyclable)[8]
CG460B HP Premium Matte Photo Paper (FSC® certified)[7] (Recyclable)[8]

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

Service and Support
U36Y3E HP 3 year Next Business Day Onsite HW Support with Defective Media Retention
U36Y5E HP 5 year Next Business Day Onsite HW Support with Defective Media Retention
U36Y6PE HP 1 year Post Warranty, Next Business Day HW Support with Defective Media Retention
U7VC0E HP Install for DJ High Level APJ

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

ECO highlights

- ENERGY STAR® 3.0 compliant, less energy; EPEAT® Gold certified/environmentally preferred product[1]
- Eco-Carton replaces plastic cartridge with 80% reduction in plastic, achieves 66% C02e reduction[2]
- Printer made of 30% recycled plastic, using over eight 16.9-oz (.5-L) bottles of ocean-bound plastic
- FSC®-certified papers[3], range of recyclable HP media with a take-back program[4]

Please recycle printing hardware and eligible printing supplies. Find out how at our website: http://www.hp.com/ecosolutions

[1] ENERGY STAR® 3.0 compliant for less energy use. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
[2] C02e reduction based on moving from plastic ink cartridge to cardboard HP Eco-Carton ink cartridge, with annual manufacturing savings of 15 tons and transport savings of 0.4 tons. Equivalent to 61,498 km (38,213 miles) driven by an average passenger vehicle or 1,963,996 smartphones charged. Zero landfill HP Eco-Carton provides local outer carton recycling and free take-back of inner ink bag and printheads. The ink cartridge HP Eco-Carton outer carton is 100% recyclable through local cardboard/paper programs. Inner materials including the ink bag are 55% recyclable and can be returned free of charge to the HP Planet Partners program for reprocessing of plastic parts. Zero landfill. For take-back of ink bag/printhead/prints, visit http://www.hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction.
[3] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org. Not all FSC®?certified products are available in all regions.
[4] Most HP large format paper-based printing materials can be recycled through commonly available recycling programs, or according to region-specific practices. Some HP media are eligible for return through the free, convenient HP Large Format Media take-back program. Programs may not exist in your area. See http://www.HPLFMedia.com/hp/ecosolutions for details.

[1] Maximum rate of output for color image 100% color coverage. Printed on maximum roll size, with Original HP Vivid Photo Inks.
[2] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23ºC (73ºF), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with HP Vivid Photo Inks.
[3] Theoretical value based on data resolution.
[4] ICC absolute colorimetric accuracy on HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.
[5] With HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.
[6] Photo papers are recommended to be used on roll 1 only.
[7] BMG trademark license code FSC®-C115319, see http://www.fsc.org . HP trademark license code FSC®-C017543, see http://www.fsc.org . Not all FSC®-certified products are available in all regions.
[8] 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 http://www.HPLFMedia.com/hp/ecosolutions for details.

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