HP DesignJet Z6dr 44-in PostScript Printer with V-Trimmer



High-definition prints, fast and secure. More quality with fewer inks.



*Product image may differ from actual product

 PRECISE-Clearly distinguish subtle details Read details more clearly and see high-contrast color with new high-definition HP printheads. No need for light inks with HP's dual drop technology. Get smooth gradients, even for challenging color combinations, with HP Pixel Control. Work with water- and fade-resistant prints, indoors and out, with HP Vivid Photo Inks.¹ 	 FAST–Work without delays Handle even the most complex files with powerful processing architecture and the Adobe PDF Print Engine.² Cut maps to different sizes in fewer steps with the first printer including an integrated vertical trimmer.³ Print up to 20% faster⁴ with 2400 nozzle-per-inch, high-definition HP printheads. Spend less time on media changes and adjustments with dual roll support and automatic roll switching.³ 	 SECURE–Protect your work and your information Protect printers/data from unauthorized access with HP Secure Boot, whitelisting, and encrypted hard disk. Protect documents, preserve confidentiality with authentication solutions like PIN printing, card readers.⁵ Secure your printers with HP JetAdvantage Security Manager; manage your fleet remotely with HP Web Jetadmin.

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

Messaging Footnotes

¹ 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. Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab on a range of HP media. For more information, see http://www.HPLFMedia.com/printpermanence ² The Adobe PDF Print Engine (APPE) is Adobe's high speed, high fidelity print platform. Version 4 extends APPE's leading edge for print reproduction with new performance efficiencies and breakthrough rendering features. APPE 4 enables printers to increase workflow efficiency and capitalize on the profit potential of innovations in inkjet print technology. To learn more, visit https://www.adobe.com/products/pdfprintengine.html

³ Vertical trimmer and dual rolls included with the HP DesignJet Z6dr 44-in PostScript[®] Printer with V-Trimmer only.
⁴ Based on internal HP testing. Up to 20% faster printing compared to the HP DesignJet Z2600 PostScript[®] Printer and HP DesignJet Z5600 PostScript[®] Printer. May vary depending on print mode and media type.
⁵ Card reader functionality enabled through optional third-party solutions.

For more information, please visit http://www.hp.com/go/designjetZ6









Technical specifications

Print			printing support for Chrome OS, HP Print Service Plugin for Android, HP Smart app for iOS and Android, HP SmartStream
Print speed	Fast: 80.5 m²/hr on plain media; Normal: 18.8 m²/hr on coated media; Best: 9.7 m²/hr on glossy media¹	Mobile printing features	Direct print from mobile apps on IOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for IOS and Android.
Print resolution	Up to 2400 x 1200 optimized dpi	Drivers	Raster and PostScript drivers for Windows and macOS
Technology	HP Thermal Inkjet	Dinoio	PDF driver for Windows 8 and above
Margins (roll)	rgins (roll) Borderless on all media with V-Trimmer ⁴		HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3,
Margins (sheet)	5 x 17 x 5 x 5 mm		HTTPS, Secure-IPP, IPsec/Firewall, Certificates management, 8021X, TLS 10/11/12, IHP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, Secure Disk erase (DoD 5220.22-M), Secure File erase, self-encrypted HDD, PIN printing
Ink types	Pigment-based		
Print Cartridges/Bottle, Numb	er 6 (cyan, magenta, yellow, matte black, photo black, chromatic red)	Dimensions (W x D x H)	
Print cartridge/bottle volume	HP 746 Ink Cartridge: cyan, magenta, chromatic red, yellow, matte	Product	1802 x 695 x 998 mm
delivered	black, photo black (300 ml)	Shipping	1950 x 766 x 718 mm
Ink drop	7/3 pl dual-drop weight (M, C, PK); 6 pl single-drop weight (Y, CR, MK)	Weight	
Printheads	3 universal printheads (valid for all colors)	Product	96 kg
Printhead nozzles	2112 per color; 12,672 in total	Shipping	132 kg
Line accuracy	±0.1% ⁵	Included	
Minimum line width	0.02 mm (PDF addressable @ 1200 dpi)	What's in the box	HP DesignJet Z6 PostScript Printer, printheads, introductory ink cartridges, printer stand and media bin, spindle, 3-in core adapter,
Guaranteed minimum line wid	ed minimum line width 0.08 mm (ISO/IEC 13660:2001(E)) ⁶		quick reference guide, setup poster, power cord
Short-term color stability	<1 dE2000 in less than 5 minutes ⁷	HP Software and solutions	HP Click printing software, HP PrintOS, HP Web Jetadmin, HP DesignJet Utility including HP Color Center, HP Partner Link, HP JetAdvantage Security Manager (optional), HP SmartStream (optional), HP SmartTracker (optional)
Long-term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 7		
Max optical density	4 L* min/2.5 D ⁷	Environmental ranges	
Media		Operating temperature	5 to 40°C
Applications	Banners; Exhibition and event graphics; Light boxes - film; Maps; Orthophotos; Point of sale/display; Posters	Operating humidity	20 to 80% RH
Handling	Two automatic roll feeds, smart roll-switching, top sheet feed, media output bin, automatic horizontal cutter and vertical trimmer (cuts all HP Z-series printer-qualified media, including most canvas)	Storage temperature	-25 to 55°C
,		Acoustics	
Rolls	Media rolls: 2; Roll size: 279 to 1118-mm; Maximum roll weight: 13.5 kg;	Sound pressure	Printing: 45 dB(A) (operating), 33 dB(A) (idle), <16 dB(A) (sleep)
	Maximum roll diameter: 135 mm;	Sound power	Printing: 6.3 B(A) (operating), 5.1 B(A) (idle), <3.4 B(A) (sleep)
Maximum media width	1118 mm	Power	
Sheet size	210 x 279 to 1118 x 1676 mm	Consumption	<100 W (printing); <32 W (ready); <6.5 W (sleep); 0.1 W (off)
Standard sheets	A4, A3, A2, A1, A0	Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max
Recommended Grammage	80 to 500 g/m ²	Certification	
Thickness	Up to 0.8 mm	Sustainable impact specifications	30% post-consumer recycled plastic; Free, convenient HP ink cartridge and printhead recycling with HP Planet Partners; Highest WIR Print Permanence Ratings in the Industry; Compatible with FSC*-certified HP large format printing materials and HP Recycled Satin Canvas, and a range of recyclable HP media with a take-back program; INERGY STAR*
Media types	hotographic, fine art printing material, self-adhesive, banner and sign, bond and coated, backlit		
Embedded controller			certified; EPEAT® registered
Memory	128 GB (virtual) ⁸	Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Khazakstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS)
Hard disk	500 GB self-encrypting		
Native print languages	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP-GL/2, HP- RTL	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCC), Korea (KCC), South Africa (SABS)
Connectivity		Environmental	ENERGY STAR; ErP; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT
Interfaces	Gigabit Ethernet (1000Base-T) (802.3, 802.3u, 802.3ab); Hi-Speed USB 2.0 certified interface for direct printing from USB flash drive	Warranty	1 Year Limited Warranty (Next Business Day On-Site)
Printing paths	Apple AirPrint, direct printing from USB flash drive, email printing, HP Click, HP driver for macOS, HP driver for Windows, HP driver for Linux,	·	

Ordering information

Product T8W18A Accessories	HP DesignJet Z6dr 44-in PostScript Printer with V-Trimmer	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
10F38A 5EK00D 5EK01D 8SW00A 8SW00AAE 8SW01AAE 8SW01AAE 8SW11AAE CN538A	HP DesignJet 44-in Take-up Reel HP HD Pro 2 42-in Scanner HP SD Pro 2 44-in Scanner HP SmartStream USB Preflight Manager HP SmartStream Preflight Manager HP SmartStream Print Controller USB for HP DesignJet Printers HP SmartStream Print Controller for HP DesignJet Printers HP SmartTracker USB for DesignJet HP SmartTracker for DesignJet HP DesignJet 3-in Core Adapter	 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 https://hp.com/go/OriginalHPinks Original HP large format printing materials HP Universal Instant-dry Satin Photo Paper (FSC* certified)¹⁰ (Recyclable)¹¹ HP Artist Matte Canvas HP Heavyweight Coated Paper (FSC* certified)¹⁰ (Recyclable)¹¹ HP Everyday Matte Polypropylene (Recyclable)¹¹ HP Premium Matte Photo Paper (FSC* certified)¹⁰ (Recyclable)¹¹ For the entire HP Large Format Printing Materials portfolio, please see HPLEMedia.com.
Original HP printing supplies		Service and Support
3WX35A 3WX36A 3WX37A 3WX38A P2V25A P2V25A	WX36A HP 746B 300-ml Cyan DesignJet Ink Cartridge WX37A HP 746B 300-ml Cyan DesignJet Ink Cartridge WX38A HP 746B 300-ml Yellow DesignJet Ink Cartridge 2V25A HP 746 DesignJet Printhead	U9ZE2E HP 3 year Next Business Day plus Defective Media Retention Support U9ZE4E HP 5 year Next Business Day plus Defective Media Retention Support U9ZE5PE HP 1 year Post Warranty, Next Business Day plus Defective Media Retention Support H4518E HP Network Installation Service with Network Setup
P2V81A HP 746 300-ml Chromatic Red DesignJet Ink Cartridge P2V83A HP 746 300-ml Matte Black DesignJet Ink Cartridge	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	

Specification Footnotes

Advantage of output for color image 100% color coverage. Printed on maximum roll size, with Original HP Vivid Photo Inks.
 Mechanical printing time with Original HP Vivid Photo Inks.
 Except self-adhesive vinyls and non-cuttable medics.
 Except self-adhesive vinyls and non-cuttable vinyls and non-cutable vinyls and non-cuttable vinyls and non-cuttable vinyls and no

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