HP DesignJet Z6 PostScript Printer series



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



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-perinch, 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.

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

Dynamic security enabled printer. Contains technology that may prevent cartridges with non-HP chips or circuitry from working now or in the future. More at: http://www.hp.com/learn/ds

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 http://www.adobe.com/products/pdfprintengine ³ Vertical trimmer and dual rolls included with the HP DesignJet Z62 rd 4-in PostScript Printer with V-Trimmer only.

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.

Technical specifications

Print speed	24-in:
Print speed	2 4-πit. Fast: 66.9 m²/hr on plain media Normal: 15.2 m²/hr on coasted media Best: 7.3 m²/hr on glossy media
	Normal: 18.8 m ² /hr on catated media Best: 9.7 m ² /hr on glossy media ¹
Print resolution	Up to 2400 x 1200 optimized dpi
Fechnology	HP Thermal Inkjet
Margins	Roll: $5 \times 5 \times 5 \times 5$ mm (borderless on selected media ³ , or on all media with V-Trimmer ⁴) Sheet: $5 \times 17 \times 5 \times 5$ mm
ink types	Pigment-based
ink drop	7/3 pl dual-drop weight (M, C, PK); 6 pl single-drop weight (Y, CR, MK)
Printheads	3 universal printheads (valid for all colors)
Printhead nozzles	2112 per color; 12,672 in total
Line accuracy	±0.1% ⁵
Minimum line width	0.02 mm (PDF addressable @ 1200 dpi)
Short-term color stability	< 1 dE2000 in less than 5 minutes ⁷
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
Media	
Handling	Single-roll: Roll feed, rear sheet feed, media output bin, automatic horizontal cutter
nanding	Single-role. Not reed, rear sheet reed, inedia obuptionin, automatic infizional cutter Dual-role. Two automatic coll 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)
Roll size	24-in: 279 to 610-mm 44-in: 279 to 1118-mm
Sheet size	24-in: 210 x 279 to 610 x 1676 mm 44-in: 210 x 279 to 1118 x 1676 mm
Standard sheets	24-in: A4, A3, A2, A1 44-in: A4, A3, A2, A1, A0
Grammage	80 to 500 g/m²
Thickness	Up to 0.8 mm
Applications	Banners; Exhibition and event graphics; Light boxes - film; Maps; Orthophotos; Point of sale/display; Posters
Memory	128 GB (virtual) ⁸
Hard disk	500 GB self-encrypting
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T) (802.3, 802.3u, 802.3ab); Hi-Speed USB 2.0 certified interface for direct printing from USE flash drive
Native print languages	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP-GL/2, HP-RTL
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, printing support for Chrome OS, HP Print Service Plugin for Android, HP Smart app for iOS and Androi HP SmartStream
Drivers	Raster and PostScript drivers for Windows and macOS PDF driver for Windows 8 and above
Security features	HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3, HTTPS, Secure-IPP, IPser/Firewall, Certificates management, 802.1X, TLS 1.0/1.1/1.2, HP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, Secure Disk erase (Dob S20.22-M), Secure File rease, self-encrypted HDD, PIN printing
Dimensions (W x D x H)	
Printer	24-in: 1293 x 695 x 998 mm 44-in: 1802 x 695 x 998 mm
Shipping	24-in: 1440 x 766 x 718 mm 44-in: 1950 x 766 x 718 mm
Weight	
Printer	66-96 kg
Shipping	97-132 kg
What's in the box	HP Design_let Z6 PostScript Printer, printheads, introductory ink cartridges, printer stand and media bin, spindle, 3-in core adapter ⁹ , quick reference guide, setup poster, power cord
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)
Environmental ranges	
Operating temperature	5 to 40°C
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55%
Acoustics	
Sound pressure	42-45 dB(A) (operating), 33 dB(A) (idle), <16 dB(A) (sleep)
Sound power	6.0-6.3 B(A) (operating), 5.1 B(A) (idle), <3.4 B(A) (sleep)
	ere ere zo a tekenanigh eri av a handt eri av a teka teken
Power	< 100 W (printipaly < 2.2 W (raphy) < 5 EW (close) 0.1 W (off)
Consumption	<100 W (printing); <32 W (ready); <6.5 W (sleep); 0.1 W (off)
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max

certified); EU (LVD and EN 60950-1 compliant); Russia, EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India
i requirements, including: USA (FCC rules), Canada (ICES), EU lia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), ca (SABS)
EE; RoHS (EU, China, Korea, India); REACH; EPEAT
nty (Return to HP/Dealer - Unit Exchange)

Ordering information Product

TBW15A HP Designlet Z6 24-in PostScript Printer TBW15D HP Designlet Z6 24-in PostScript Printer TBW15D HP Designlet Z6 44-in PostScript Printer TBW16D HP Designlet Z6 44-in PostScript Printer TBW16D HP Designlet Z6 44-in PostScript Printer TBW18D HP Designlet Z6 44-in PostScript Printer TBW18D HP Designlet Z6 44-in PostScript Printer TBW18B HP Designlet Z64 44-in PostScript Printer with V-Trimmer TBW18B HP Designlet Z64 44-in PostScript Printer with V-Trimmer TAA Compliant Accessories 1QF38A HP Designlet 44-in Take-up Reel SEK01A HP D70 2 42-in Scanner SEK01A HP Designlet 34-in Core Adapter CQ783A HP Designlet 34-in Core Adapter CQ783A HP Designlet 44-in Spindle HPDSOL HP Designlet 74-in Spindle Ofginal HP printing supplet Sutxian 3WX35A HP 7468 300-ml Photo Black Designlet Ink Cartridge 3WX36A HP 7468 300-ml Velow Designlet Ink Cartridge 3WX36A HP 7468 300-ml Velow Designlet Ink Cartridge 3WX38A HP 7468 300-ml Velow Designlet Ink Cartridge 2V2X5A HP 7466 300-ml Velow Designlet Ink Cartridge 2V2X5A HP 7466 300-ml Velow Designlet Ink Cartridge 2V2X5A HP 7466		
10F38A HP DesignJet 44-in Take-up Reel 5EX00A HP HD Pro 2 44-in Scanner 5EX01A HP DesignJet 3-in Scanner CM33BA HP DesignJet 24-in Spindle CV783A HP DesignJet 24-in Spindle HPDISJOL HP Potriting Solutions HPPRINTOSSOL HP Printing Solutions HPPRINTOSSOL HP Printing Solutions MPRINTOSSOL HP Printing Solutions MPRINTOSSOL HP Printing Solutions MY35A HP ZeisignJet 44-in Spindle Orginal HP printing soupplies Solutions WX35A HP 7468 300-mi (Van DesignJet Ink Cartridge WX37A HP 7468 300-mi (Van DesignJet Ink Cartridge SW33A HP 7468 300-mi Regulate DesignJet Ink Cartridge SW33A HP 7465 300-mi Regulate Printhead P2V81A HP 746 500-mi Regulate Printhead P2V83A HP 746 500-mi Regulate Printhead P2V83A HP 746 500-mi Regulate Printhead P2V83A HP 746 500-mi Regulater Printhead P2V83A HP 746 500-mi Regulater Printhead P2V83A HP 746 S00-mi Regulater Printhead P2V	T8W15D T8W16A T8W16D T8W16F T8W18A T8W18B	HP Designlet Z6 24-in PostScript Printer HP Designlet Z6 44-in PostScript Printer with V-Trimmer
5Ex01A HP SD Pro 2 44-in Scanner CNS38A HP Designlet 3-in Core Adapter CQ783A HP Designlet 3-in Core Adapter CQ783A HP Designlet 7-in Spindle HPDISOL HP Printing Solutions HPPRINTOSSOL HP PrintOS Solution Ordinal HP printOS solutions HP PrintOS Solution Q6709A HP DesignJet 4-in Spindle SWX35A HP 7468 300-ml Qeno DesignJet Ink Cartridge 3WX35A HP 7468 300-ml Qeno DesignJet Ink Cartridge 3WX35A HP 7468 300-ml Valow DesignJet Ink Cartridge 2WX35A HP 7468 300-ml Napet DesignJet Ink Cartridge 2WX35A HP 7468 300-ml Napet DesignJet Ink Cartridge 2W25A HP 746 300-ml Napet Res Solution P2V81A HP 746 300-ml Napet Res CostignJet Ink Cartridge P2V83A HP 746 300-ml Napet Res CostignJet Ink Cartridge P2V83A HP 746 300-ml Chromatic Red DesignJet Ink Cartridge P2V83A HP 746 90-ml Napet Formator Informatic Red DesignJet Ink Cartridge P2V83A HP 746 90-ml Chromatic Red DesignJet Ink Cartridge P2V83A HP 746 90-ml Chromatic Red DesignJet Ink Cartridge P2V83A	1QF38A	
3WX35A HP 746B 300-ml Photo Black DesignJet Ink Cartridge 3WX36A HP 746B 300-ml Qyan DesignJet Ink Cartridge 3WX37A HP 746B 300-ml Magent DesignJet Ink Cartridge 3WX37A HP 746B 300-ml Magent DesignJet Ink Cartridge 3WX37A HP 746B 300-ml Magent DesignJet Ink Cartridge 72V25A HP 746 500-ml Kapent DesignJet Ink Cartridge P2V81A HP 746 300-ml Matte Black DesignJet Ink Cartridge P2V83A HP 746 300-ml Matte Black DesignJet Ink Cartridge 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	SEKO1A CN538A CQ783A HPDJSOL HPPRINTOSSOL	HP SD Pro 2 44-in Scanner HP DesignJet 3-in Core Adapter HP DesignJet 24-in Spindle HP DesignJet Printing Solutions HP PrintOS Solution
3WX3GA HP 746B 300-ml Qyan Designet thk Cartridge S 3WX3GA HP 746B 300-ml Agenta Designet thk Cartridge S 3WX3GA HP 746B 300-ml Agenta Designet thk Cartridge S 3WX3GA HP 746B 300-ml Agenta Designet thk Cartridge S PZV25A HP 746 0 seignet Printhead S PZV81A HP 746 300-ml Chromatic Red Designlet Ink Cartridge S PZV83A HP 746 300-ml Agenta Designet thk Cartridge S VS80 HI P 746 300-ml Agenta Designet thk Cartridge S S VS80 HI P 746 300-ml Agenta Designet thk Cartridge S S VS80 HI P 746 300-ml Agenta Designet thk Cartridge S S VS90 HI P 746 300-ml Agenta Designet thk Cartridge S S VS90 HI P 746 B 200-ml Agenta Designet thk Cartridge S S VS90 HI P 746 B 200-ml Agenta Designet The Cartridge S S VS90 HI P 746 B 200-ml Agenta Designet The Cartridge S S VS90 HI P 746 B 200-ml Agenta Designet The Cartridge S S VS90 HI P 746 B 200-ml Agenta Designet The S S S S S S <td>Original HP printing</td> <td>supplies</td>	Original HP printing	supplies
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	3WX36A 3WX37A 3WX38A P2V25A P2V81A	HP 746B 300-ml (yan Design)et ink Cartridge HP 746B 300-ml Magenta Design)et ink Cartridge HP 746B 300-ml Yellow Design)et ink Cartridge HP 745 Design)et Printhead HP 745 300-ml (chromatic Red Design)et Ink Cartridge
full HP warranty protection. For more information, visit hp.com/go/OriginalHPinks.	high quality and reli designed and engin to maximize the life	iable performance that enable less downtime. These critical components are eered together as an optimized printing system, and Original HP inks are designed of HP printheads. Protect your HP printer investment by using Original HP inks for

Original HP large format printing materials

Q6581A HP Universal Instant-dry Satin Photo Paper (FSC® certified)¹⁰ (Recyclable)¹¹ 1067 mm x 30.5 m (42 in x 100 ft)

(42 in x 100 ii) E4J57A HP Artist Matte Canvas 1118 mm x 15.2 m (44 in x 50 ft) C6566C HP Heavyweight Coated Paper (FSC® certified)¹⁰ (Recyclable)¹¹ 1067 mm x 30.5 m (42 in x 100 ft)

tU CHO25A HP Everyday Matte Polypropylene, 2 Pack (Recyclable)¹¹ 1067 mm x 30.5 m (42 in x 100 ft) Cl4025A HP Everyday Matte Polypropylene, 2 Pack (Recyclable)¹¹ 1067 mm x 30.5 m (42 in x 100 ft) Cl460B HP Premium Matte Photo Paper (FSC® certified)¹⁰ (Recyclable)¹¹ 914 mm x 30.5 m (36 in x 100 ft)

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

Service and Support

U7VB9E HP Installation Service Moderate Level U9W0DE HP 3 year Next Business Day with Defective Media Retention Support for HP DesignJet Z6 24in U9YZ1E HP 3 year Next Business Day with Defective Media Retention Support for HP DesignJet Z6 44in U9ZE2E HP 3 year Next Business Day with Defective Media Retention Support for HP DesignJet Z6dr

032LE2 In 3 year Next business bay with Defective Media Retention Jupport for HP Designate 2001 U9Y38E HP 5 year Next Business Day with Defective Media Retention Support for HP Designate Z6 24in U9Y23E HP 5 year Next Business Day with Defective Media Retention Support for HP Designate Z6 44in U9ZE4 HP 5 year Next Business Day with Defective Media Retention Support for HP Designate Z6 44in

44in U9YX9PE HP 1 year Post Warranty, Next Business Day with Defective Media Retention Support for HP Designet Z6 24in U9YZ4PE HP 1 year Post Warranty, Next Business Day with Defective Media Retention Support for HP Designet Z6 44in U9ZESPE HP year Post Warranty, Next Business Day with Defective Media Retention Support for HP Designet Z64 44in

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® certified¹, EPEAT® registered as environmentally preferable product² Breakthrough color consistency can help reduce unnecessary reprints Printer made from 30% post-consumer recycled plastic; free HP printing supplies recycling³ FSC®-certified papers⁴, range of recyclable HP media with a take-back program⁵ :

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

¹ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental

¹ ENERGY 51AR and the ENERGY 51AR Mark are registrated trademarks twined up the 0.3, Enhancement Protection Agency.
² EPEAR* registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
³ Program availability varies. Please theck http://www.hp.com/recycle for details.
⁴ BMG trademark license code FS^{C®}-C11373 see http://www.fs.corg. HP trademark license code FS^{C®}-C017543, see http://www.fs.corg. Not all FS^{C®}-certified products are available in all regions.
⁵ HD Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling 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 Mechanical printing time with Original HP Vivid Photo Inks. Measured on a 44-in printer.
 ³ Borderless printing available on photo gloss, photo satin, polypropylene, and backlit roll media.
 ⁴ Except self-adhesive vinyls and non-cuttable medias.
 ⁵ ± 0.1% of the specified vector length or ± 0.20 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with HP Vivid Photo Inks.
 ⁶ Measured on HP Matte Film.
 ⁷ With HP Prenium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.
 ⁸ Based on 4 GB RAM.
 ⁹ Not included in the box for 24-in models.
 ⁹ 109 MG trademark license code FSC[®]-C1 5319, see http://www.fsc.org. HP trademark license code FSC[®]-C017563, see http://www.fsc.org. Not all FSC[®]-C017563, see http://www.fsc.org.
 ¹¹ 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. details





Adobe® PostScript® 3

POWERED BY Adobe PDF Print Engine

The product could differ from the images shown. © 2014 Hewlett-Packard Development Company, L.P. The Information contained herein is subject to change without notice. Warranties for HP products and services are set out in the express warranty statements accompanying such products and services. In addition, our products and services come with guarantees that cannot be excluded under the New Zealand Consumer Guarantees Act. Subject to the foregoing, nothing herein should be construed as constituting an additional warrant HP shall not be liable for terbring on contained herein is a subject to the foregoing. Nothing herein should be construed as constituting an additional warrant HP shall not the high for terbring of and generics on contained herein is a subject to the foregoing. Nothing herein should be construed as constituting an additional warrant HP shall not the high for terbring of and generics on contained herein is a subject to the foregoing. Nothing herein should be construed as constituting and additional warrant herein to the subject to the foregoing. Nothing herein should be construed as constituting and additional warrant herein to the subject to the foregoing. Nothing herein should be construed as constituting and additional warrant herein to the subject to the foregoing. Nothing herein should be construed as constituting and additional warrant herein to the subject to the foregoing. Nothing herein should be construed as constituting and additional warrant herein to the subject to the foregoing. Nothing herein should be construed as constituting and additional warrant herein to the subject to the subjec nz-en March 2023

