



# HP DesignJet Z6 24-in PostScript Printer (T8W15A)



## Overview

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

Read details more clearly and see high-contrast color with new high-definition HP printheads. HP Pixel Control enables smooth gradients, and the integrated vertical trimmer streamlines finishing. [3] Handle complex files and secure your printers/data.

### **PRECISE—Clearly distinguish subtle details**

Read details more clearly and see high-contrast color with new high-definition HP printheads.

### **SECURE—Protect your work and your information**

Protect printers/data from unauthorized access with HP Secure Boot, whitelisting, and encrypted hard disk.

### **FAST—Work without delays**

Handle even the most complex files with powerful processing architecture and the Adobe PDF Print Engine.[2]

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[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.

## Specifications

<b>Print quality color (best)</b>	Up to 2400 x 1200 optimized dpi
<b>Functions</b>	Print
<b>Connectivity, standard</b>	Gigabit Ethernet (1000Base-T) (802.3, 802.3u, 802.3ab); Hi-Speed USB 2.0 certified interface for direct printing from USB flash drive
<b>Mobile printing capability</b>	Direct print from mobile apps on iOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for iOS and Android.
<b>Software included</b>	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)
<b>Sustainable impact specifications</b>	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; ENERGY STAR® certified; EPEAT® registered
<b>Energy star certified</b>	Yes
<b>Minimum dimensions (W x D x H)</b>	1293 x 695 x 998 mm
<b>Minimum dimensions (W x D x H)</b>	50.9 x 27.4 x 39.3 in
<b>Weight</b>	66 kg
<b>Weight</b>	145 lb
<b>Power consumption</b>	<100 W (printing); <32 W (ready); <6.5 W (sleep); 0.1 W (off)
<b>Environmental certification</b>	ENERGY STAR; ErP; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT
<b>What's in the box</b>	HP DesignJet Z6 PostScript Printer, printheads, introductory ink cartridges, printer stand and media bin, spindle, quick reference guide, setup poster, power cord
<b>Manufacturer Warranty</b>	One-year limited hardware warranty

## Additional specifications

<b>Accessories</b>	CN538A HP DesignJet 3-in Core Adapter;G6H51B HP HD Pro 42-in Scanner;G6H50B HP SD Pro 44-in Scanner;N7P47AA HP USB 3.0 to Gigabit LAN Adapter;CQ783A HP DesignJet 24-in Spindle
<b>Acoustic power emissions (active, printing)</b>	6.0 B(A) (operating), 5.1 B(A) (idle), <3.4 B(A) (sleep)
<b>Acoustic pressure emissions</b>	42 dB(A) (operating), 33 dB(A) (idle), <16 dB(A) (sleep)
<b>Color Stability</b>	< 1 dE2000 in less than 5 minutes[7]
<b>Color(s) of printing supplies</b>	Cyan, magenta, yellow, matte black, photo black, chromatic red
<b>Datasheet photo 1</b>	AHID/f6ea7996eab085b0431b96dedd5b065bfbfcfc1e4
<b>Dynamic security</b>	Dynamic security enabled printer
<b>Electromagnetic compatibility</b>	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)
<b>Finished output handling</b>	Roll feed, rear sheet feed, media output bin, automatic horizontal cutter
<b>Guaranteed minimum line width</b>	0.0031 in (ISO/IEC 13660:2001(E))[6]
<b>Guaranteed minimum line width</b>	0.08 mm (ISO/IEC 13660:2001(E))[6]
<b>Ink drop</b>	7/3 pl dual-drop weight (M, C, PK); 6 pl single-drop weight (Y, CR, MK)
<b>Ink types</b>	Pigment-based
<b>Internal Storage</b>	500 GB self-encrypting
<b>Line accuracy</b>	±0.1%[5]
<b>Maximum optical density (black)</b>	4 L* min/2.5 D[7]
<b>Media sizes standard (metric rolls)</b>	279 to 610-mm
<b>Media sizes standard (sheets, rolls)</b>	11 to 24-in
<b>Media sizes supported</b>	A4, A3, A2, A1
<b>Media sizes, custom</b>	210 x 279 to 610 x 1676 mm
<b>Media sizes, custom</b>	8.3 x 11 to 24 x 66 in
<b>Media thickness</b>	Up to 31.5 mil
<b>Media thickness (metric)</b>	Up to 0.8 mm
<b>Media types</b>	Photographic, fine art printing material, self-adhesive, banner and sign, bond and coated, backlit
<b>Media weight, recommended</b>	80 to 500 g/m²
<b>Media width, maximum</b>	24 in
<b>Media width, maximum</b>	610 mm
<b>Memory</b>	128 GB (virtual)[8]

<b>Model size</b>	610 mm
<b>Model size</b>	24 in
<b>Network ready</b>	Standard
<b>Non-printable area (cut-sheet)</b>	0.2 x 0.67 x 0.2 x 0.2 in
<b>Non-printable area (cut-sheet)</b>	5 x 17 x 5 x 5 mm
<b>Non-printable area (roll media)</b>	5 x 5 x 5 x 5 mm (borderless on selected media[3])
<b>Non-printable area (roll media)</b>	0.2 x 0.2 x 0.2 x 0.2 in (borderless on selected media[3])
<b>Number of print cartridges</b>	6 (cyan, magenta, yellow, matte black, photo black, chromatic red)
<b>Operating humidity range</b>	20 to 80% RH
<b>Operating temperature range</b>	41 to 104°F
<b>Operating temperature range</b>	5 to 40°C
<b>Package dimensions (W x D x H)</b>	56.7 x 30.2 x 28.3 in
<b>Package dimensions (W x D x H)</b>	1440 x 766 x 718 mm
<b>Package weight</b>	214 lb
<b>Package weight</b>	97 kg
<b>Playbook TS icon dimensions AiO</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png</a>
<b>Power</b>	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max
<b>Print Technology</b>	Ink
<b>Print cartridge volume delivered</b>	HP 746 Ink Cartridge: cyan, magenta, chromatic red, yellow, matte black, photo black (300 ml)
<b>Print head nozzles</b>	2112 per color; 12,672 in total
<b>Print heads</b>	3 universal printheads (valid for all colors)
<b>Print languages</b>	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP-GL/2, HP-RTL
<b>Print repeatability</b>	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000[7]
<b>Print speed</b>	Fast: 66.9 m²/hr on plain media; Normal: 15.2 m²/hr on coated media; Best: 7.9 m²/hr on glossy media[1]
<b>Print speed</b>	Fast: 720 ft²/hr on plain media; Normal: 164 ft²/hr on coated media; Best: 85 ft²/hr on glossy media[1]
<b>Print technology</b>	HP Thermal Inkjet
<b>Printer drivers included</b>	Raster and PostScript drivers for Windows and macOS; PDF driver for Windows 8 and above
<b>Printing path</b>	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 Android, HP SmartStream
<b>Product logos</b>	Adobe PDF Print Engine; Adobe PostScript 3; ENERGY STAR; EPEAT green; HP Pixel Control; IPv6 Ready; Mac; Windows 10 Compatible

<b>Recommended media</b>	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]
<b>Roll external diameter</b>	5.3 in
<b>Roll external diameter</b>	135 mm
<b>Roll maximum input</b>	1
<b>Roll maximum weight</b>	16.5 lb
<b>Roll maximum weight</b>	7.5 kg
<b>Safety</b>	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Khazakstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS)
<b>Security features</b>	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, PIN printing
<b>Storage temperature range</b>	-13 to 131°F
<b>Storage temperature range</b>	-25 to 55°C
<b>Supported Primary Applications</b>	Banners; Exhibition and event graphics; Light boxes - film; Maps; Orthophotos; Point of sale/display; Posters
<b>Technology logo 1</b>	AHID/0b758bb9d473d7d543926389e03e7261ecd69a52
<b>Technology logo 2</b>	AHID/37ef85532914cb31e963407db6c25f3d4602df24
<b>Technology logo 3</b>	AHID/cd33e848211911e4369b10008531951b0aa3cde7
<b>Technology logo 4</b>	AHID/c51bf05ff1023abad6fda02c5a970763b91946f4
<b>Technology logo 5</b>	AHID/ddf117e5fbd9929acf973e80ead7276f2456d5b8
<b>Technology logo 6</b>	AHID/6615658f92b8dd21f3c5b78f3bea628bd257123b
<b>Technology logo 7</b>	AHID/0e41ea2a916263d4c3403cc03016fcaae7311969
<b>Theoretical minimum line width</b>	0.0008 in (PDF addressable @ 1200 dpi)
<b>Theoretical minimum line width</b>	0.02 mm (PDF addressable @ 1200 dpi)
<b>UNSPSC code</b>	43212104
<b>UPC number</b>	(ABA) 194441079883; (ABG) 192018667532; (ACJ) 196068887452; (B19) 192018667501; (B1K) 192018667518; (BCD) 192018667525
<b>Web address for additional information</b>	<a href="http://www.hp.com/go/designjetZ6">http://www.hp.com/go/designjetZ6</a>

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### Ink Supplies

★ : Recommended

#### HP Graphic Arts Inks/Printheads

HP 746 2-pack 300-ml Chromatic Red DesignJet Ink Cartridges	1XA51A
HP 746 2-pack 300-ml Cyan DesignJet Ink Cartridges	1XA50A
HP 746 2-pack 300-ml Magenta DesignJet Ink Cartridges	1XA48A
HP 746 2-pack 300-ml Matte Black DesignJet Ink Cartridges	1XA53A
HP 746 2-pack 300-ml Photo Black DesignJet Ink Cartridges	1XA52A
HP 746 2-pack 300-ml Yellow DesignJet Ink Cartridges	1XA49A
HP 746 300-ml Chromatic Red DesignJet Ink Cartridge	P2V81A
HP 746 300-ml Cyan DesignJet Ink Cartridge	P2V80A
HP 746 300-ml Magenta DesignJet Ink Cartridge	P2V78A
HP 746 300-ml Matte Black DesignJet Ink Cartridge	P2V83A
HP 746 300-ml Photo Black DesignJet Ink Cartridge	P2V82A
HP 746 300-ml Yellow DesignJet Ink Cartridge	P2V79A
HP 746 DesignJet Printhead	P2V25A
HP 746B 300-ml Cyan DesignJet Ink Cartridge	3WX36A
HP 746B 300-ml Magenta DesignJet Ink Cartridge	3WX37A
HP 746B 300-ml Photo Black DesignJet Ink Cartridge	3WX35A
HP 746B 300-ml Yellow DesignJet Ink Cartridge	3WX38A
HP 746D 300-ml Chromatic Red DesignJet Ink Cartridge	1XA57A
HP 746D 300-ml Cyan DesignJet Ink Cartridge	1XA56A
HP 746D 300-ml Magenta DesignJet Ink Cartridge	1XA54A
HP 746D 300-ml Matte Black DesignJet Ink Cartridge	1XA59A
HP 746D 300-ml Photo Black DesignJet Ink Cartridge	1XA58A
HP 746D 300-ml Yellow DesignJet Ink Cartridge	1XA55A

Accessories

Paper Handling

★ : Recommended

Spindles

HP DesignJet 24-in Spindle	CQ783A
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Roll Core Adapters

HP DesignJet 3-in Core Adapter	CN538A
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Services

Large Format Printing Services

★ : Recommended

DesignJet Services

HP DesignJet Printer Services	DJSVCOV
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HP DesignJet Printing Solutions

★ : Recommended

DesignJet Printing Solutions

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PrintOS Solution

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Scanners

★ : Recommended

Large Format Scanners

HP HD Pro 2 42-in Scanner	5EK00A
HP HD Pro 2 42-in Scanner	5EK00D
HP SD Pro 2 44-in Scanner	5EK01A
HP SD Pro 2 44-in Scanner	5EK01D
HP SD Pro 44-in Scanner	G6H50B
HP SD Pro 44-in Scanner	G6H50D

Printing and Imaging Software

★ : Recommended

Printer Management Software

HP SmartStream Preflight Manager	8SW00AAE
HP SmartStream Print Controller USB for HP DesignJet Printers	8SW01A
HP SmartStream Print Controller for HP DesignJet Printers	8SW01AAE
HP SmartStream USB Preflight Manager	8SW00A
HP SmartTracker USB for DesignJet	8SW11A
HP SmartTracker for DesignJet	8SW11AAE

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