



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. 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]

[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>

Specifications

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

Additional specifications

Accessories	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
Acoustic power emissions (active, printing)	6.0 B(A) (operating), 5.1 B(A) (idle), <3.4 B(A) (sleep)
Acoustic pressure emissions	42 dB(A) (operating), 33 dB(A) (idle), <16 dB(A) (sleep)
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	hp.com
Color Stability	< 1 dE2000 in less than 5 minutes[7]
Color(s) of printing supplies	Cyan, magenta, yellow, matte black, photo black, chromatic red
Datasheet photo 1	AHID/ec1d3bcc9f5f2b2edddf50a1568ac9aceca10202
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	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)
Finished output handling	Roll feed, rear sheet feed, media output bin, automatic horizontal cutter
Guaranteed minimum line width	0.08 mm (ISO/IEC 13660:2001(E))[6]
Guaranteed minimum line width	0.0031 in (ISO/IEC 13660:2001(E))[6]
Ink drop	7/3 pl dual-drop weight (M, C, PK); 6 pl single-drop weight (Y, CR, MK)
Ink types	Pigment-based
Internal Storage	500 GB self-encrypting
Line accuracy	±0.1%[5]
Maximum optical density (black)	4 L* min/2.5 D[7]
Media sizes standard (metric rolls)	279 to 610-mm
Media sizes standard (sheets, rolls)	11 to 24-in
Media sizes supported	A4, A3, A2, A1
Media sizes, custom	210 x 279 to 610 x 1676 mm
Media sizes, custom	8.3 x 11 to 24 x 66 in
Media thickness	Up to 31.5 mil
Media thickness (metric)	Up to 0.8 mm
Media types	Photographic, fine art printing material, self-adhesive, banner and sign, bond and coated, backlit
Media weight, recommended	80 to 500 g/m²
Media width, maximum	610 mm

Media width, maximum	24 in
Memory	128 GB (virtual)[8]
Model size	24 in
Model size	610 mm
Network ready	Standard
Non-printable area (cut-sheet)	5 x 17 x 5 x 5 mm
Non-printable area (cut-sheet)	0.2 x 0.67 x 0.2 x 0.2 in
Non-printable area (roll media)	5 x 5 x 5 x 5 mm (borderless on selected media[3])
Non-printable area (roll media)	0.2 x 0.2 x 0.2 x 0.2 in (borderless on selected media[3])
Number of print cartridges	6 (cyan, magenta, yellow, matte black, photo black, chromatic red)
Operating humidity range	20 to 80% RH
Operating temperature range	5 to 40°C
Operating temperature range	41 to 104°F
Package dimensions (W x D x H)	56.7 x 30.2 x 28.3 in
Package dimensions (W x D x H)	1440 x 766 x 718 mm
Package weight	214 lb
Package weight	97 kg
Power	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max
Print Technology	Ink
Print cartridge volume delivered	HP 746 Ink Cartridge: cyan, magenta, chromatic red, yellow, matte black, photo black (300 ml)
Print head nozzles	2112 per color; 12,672 in total
Print heads	3 universal printheads (valid for all colors)
Print languages	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP-GL/2, HP-RTL
Print repeatability	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000[7]
Print speed	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]
Print speed	Fast: 720 ft²/hr on plain media; Normal: 164 ft²/hr on coated media; Best: 85 ft²/hr on glossy media[1]
Print speed color image (best, glossy paper)	85 ft²/hr[1]
Print speed color image (best, glossy paper)	7.9 m²/hr[1]
Print speed color image (draft, coated paper)	41.8 m²/hr[1]
Print speed color image (draft, coated paper)	450 ft²/hr[1]

Print speed color image (normal, coated paper)	164 ft ² /hr[1]
Print speed color image (normal, coated paper)	15.2 m ² /hr[1]
Print speed color image (normal, glossy paper)	10.6 m ² /hr[1]
Print speed color image (normal, glossy paper)	114 ft ² /hr[1]
Print technology	HP Thermal Inkjet
Printer drivers included	Raster and PostScript drivers for Windows and macOS; PDF driver for Windows 8 and above
Printing path	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
Product logos	Adobe PostScript 3; Adobe PDF Print Engine 4; ENERGY STAR; EPEAT; Gold IPv6 Ready; HP Pixel Control; Mac; PANTONE Digital Color; Windows 10 Compatible
Recommended media	Q6581A HP Universal Instant-dry Satin Photo Paper (FSC® certified)[10] (Recyclable)[11] 1067 mm x 30.5 m (42 in x 100 ft);E4J57A HP Artist Matte Canvas 1118 mm x 15.2 m (44 in x 50 ft);C6569C HP Heavyweight Coated Paper (FSC® certified)[10] (Recyclable)[11] 1067 mm x 30.5 m (42 in x 100 ft);CH025A HP Everyday Matte Polypropylene, 2 Pack (Recyclable)[11] 1067 mm x 30.5 m (42 in x 100 ft);CG460B HP Premium Matte Photo Paper (FSC® certified)[10] (Recyclable)[11] 914 mm x 30.5 m (36 in x 100 ft)
Roll external diameter	5.3 in
Roll external diameter	135 mm
Roll maximum input	1
Roll maximum weight	16.5 lb
Roll maximum weight	7.5 kg
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)
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, PIN printing
Storage temperature range	-13 to 131°F
Storage temperature range	-25 to 55°C
Supported Primary Applications	Banners; Exhibition and event graphics; Light boxes - film; Maps; Orthophotos; Point of sale/display; Posters
Technology logo, print 1	AHID/b504e7ab8574fb23f7819bf5367141da989eb4bc
Technology logo, print 2	AHID/dd10df59ca167ea78eeef7e5b2e698a795b131d7
Technology logo, print 3	AHID/95142d0f2ba4b6d45a004d774f64f5f379ea070e

Technology logo, print 4	AHID/e5bbc17ff8bd420d476680a16286b14b6d530dde
Technology logo, print 5	AHID/93a68b8d94fd3b1ed6cdc04da868ac9d4e2a7fdd
Technology logo, print 6	AHID/9ddc4d39a4d801bf3cd4eee32ed420a3ec519fdf
Technology logo, print 7	AHID/2f8f66942d9deaefadcb1b41e21cb94f105050b2
Theoretical minimum line width	0.0008 in (PDF addressable @ 1200 dpi)
Theoretical minimum line width	0.02 mm (PDF addressable @ 1200 dpi)
UNSPSC code	43212104
UPC number	(ABA) 194441079883; (ABG) 192018667532; (B1K) 192018667518
Web address for additional information	http://www.hp.com/go/designjetZ6

Services

HP Care Pack Services

★ : Recommended

Graphics Solutions Care Pack Services

HP 2 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet Z6-24 1 roll	U9WP9E ★
HP 3 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet Z6-24 1 roll	U9WQ0E ★
HP 5 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet Z6-24 1 roll	U9YX8E ★
HP 1 year Post Warranty NBD Onsite HW Support w/Defective Media Retention for DesignJet Z6-24 1 roll	U9YX9PE ★
HP Network Installation Service for DesignJet High-end and Midrange	H4518E ★
HP 2 year Post Warranty NBD Onsite HW Support w/Defective Media Retention for DesignJet Z6-24 1 roll	U9YY0PE
HP 4 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet Z6-24 1 roll	U9YX7E
HP Excessive Installation Service for HP DesignJet Series	U46TYE
HP Maintenance Kit Replacement Service for DesignJet Z6 Series (PMK2 Service Station)	U9ZX9E
HP Maintenance Kit Replacement Service for DesignJet Z6 and Z9 Series (PMK3 Cutter)	U9ZY6E
HP Maintenance Kit Replacement Service for DesignJet Z6-24 (PMK1 Scan Axis)	U9ZX6E

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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Docking and Port Replicators

Port Replicators

HP USB 3.0 to Gigabit LAN Adapter	N7P47AA	obsolete
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HP DesignJet Printing Solutions

★ : Recommended

DesignJet Printing Solutions

HP DesignJet Printing Solutions	HPDJSOL
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PrintOS Solution

HP PrintOS Solution	HPPRINTOSSOL
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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	obsolete
HP SD Pro 44-in Scanner	G6H50D	obsolete

Software

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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