



HP DesignJet Z6dr 44-in PostScript Printer with V- Trimmer (T8W18F)

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. [1] 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.[3]

[1] Vertical trimmer and dual rolls included with the HP DesignJet Z6dr 44-in PostScript® Printer with V-
Trimmer only.

[3] 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

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| Print quality color (best) | Up to 2400 x 1200 optimized dpi |
| Functions | Print |
| Connectivity, standard | Ethernet, Fast Ethernet, Gigabit Ethernet, 10/100/1000Base-T Ethernet (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 | Printer drivers, HP Click, HP Web Jetadmin, HP JetAdvantage Security Manager, HP DesignJet Utility including HP Color Center, HP Partner Link Pay-per-use, HP MPS |
| Energy star certified | Yes |
| Minimum dimensions (W x D x H) | 1802 x 695 x 998 mm |
| Minimum dimensions (W x D x H) | 71 x 27.4 x 39.3 in |
| Weight | 96 kg |
| Weight | 211 lb |
| Power consumption | < 100 W (printing); < 32 W (ready); < 0.3 W (< 6.5 W with embedded Digital Front End) (sleep); 0.1 W (off) |
| Environmental certification | ENERGY STAR; ErP; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT Silver |
| What's in the box | HP DesignJet Z6 PostScript Printer, printheads, introductory ink cartridges, printer stand and media bin, spindle, 3-in core adapter, quick reference guide, setup poster, power cord |
| Services (Care Pack) | 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 |
| Warranty | One-year limited hardware warranty |

Additional specifications

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| 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;Q6709A HP DesignJet 44-in Spindle;1QF38A HP DesignJet 44-in Take-up Reel |
| Acoustic power emissions (active, printing) | 6.3 B(A) (operating), 5.1 B(A) (idle), <3.4 B(A) (sleep) |
| Acoustic pressure emissions | 45 dB(A) (operating), 33 dB(A) (idle), <16 dB(A) (sleep) |
| Color Stability | < 1 dE2000 in less than 5 minutes[7] |
| Color(s) of printing supplies | Cyan, magenta, yellow, matte black, photo black, chromatic red |
| 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 | 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) |
| Guaranteed minimum line width | 0.0031 in (ISO/IEC 13660:2001(E))[6] |
| Guaranteed minimum line width | 0.08 mm (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 1118-mm |
| Media sizes standard (sheets, rolls) | 11 to 44-in |
| Media sizes supported | A4, A3, A2, A1, A0 |
| Media sizes supported | A, B, C, D, E |
| Media sizes, custom | 8.3 x 11 to 44 x 66 in |
| Media sizes, custom | 210 x 279 to 1118 x 1676 mm |
| Media thickness | Up to 31.5 mil |
| Media thickness | 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/m ² |
| Media width, maximum | 1118 mm |
| Media width, maximum | 44 in |
| Memory | 128 GB (virtual)[8] |

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| Model size | 44 in |
| Model size | 1118 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) | Borderless on all media with V-Trimmer[4] |
| Non-printable area (roll media) | Borderless on all media with V-Trimmer[4] |
| 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) | 1950 x 766 x 718 mm |
| Package dimensions (W x D x H) | 76.8 x 30.2 x 28.3 in |
| Package weight | 291 lb |
| Package weight | 132 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 |
| 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: 866 ft ² /hr on plain media; Normal: 202 ft ² /hr on coated media; Best: 104 ft ² /hr on glossy media[1] |
| Print speed | Fast: 80.5 m ² /hr on plain media; Normal: 18.8 m ² /hr on coated media; Best: 9.7 m ² /hr on glossy media[1] |
| Print speed color image (best, glossy paper) | 9.7 m ² /hr[1] |
| Print speed color image (best, glossy paper) | 104 ft ² /hr[1] |
| Print speed color image (draft, coated paper) | 556 ft ² /hr[1] |
| Print speed color image (draft, coated paper) | 51.7 m ² /hr[1] |
| Print speed color image (normal, coated paper) | 18.8 m ² /hr[1] |
| Print speed color image (normal, coated paper) | 202 ft ² /hr[1] |

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|---|--|
| Print speed color image (normal, glossy paper) | 12.9 m ² /hr[1] |
| Print speed color image (normal, glossy paper) | 139 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 |
| Product logos | Adobe PostScript 3; Adobe PDF Print Engine 4; ENERGY STAR; EPEAT Silver; 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 | 2 |
| Roll maximum weight | 13.5 kg |
| Roll maximum weight | 29.8 lb |
| 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 |
| Theoretical minimum line width | 0.0008 in (PDF addressable @ 1200 dpi) |
| Theoretical minimum line width | 0.02 mm (PDF addressable @ 1200 dpi) |
| Web address for additional information | http://www.hp.com/go/designjetZ6 |

Accessories

Paper Handling

Roll Core Adapters

HP DesignJet 3-in Core Adapter

CN538A

Spindles

HP DesignJet 44-in Spindle

Q6709A

Take-up Reels

HP DesignJet 44-in Take-up Reel

1QF38A

Docking and Port Replicators

Port Replicators

HP USB 3.0 to Gigabit LAN Adapter

N7P47AA

Solutions

HP DesignJet Printing Solutions

DesignJet Printing Solutions

HP DesignJet Printing Solutions

HPDJSOL

HP PrintOS Solution

PrintOS Solution

HP PrintOS Solution

HPPRINTOSSOL

Scanners

Large Format Scanners

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|-------------------------|--------|
| HP SD Pro 44-in Scanner | G6H50B |
| HP HD Pro 42-in Scanner | G6H51B |
| HP SD Pro 44-in Scanner | G6H50D |

Ink Supplies

HP Graphic Arts Inks/Printheads

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

Services

Graphics Solutions Services

DesignJet Services

HP DesignJet Printer Services

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