Data sheet

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.

FAST — Work without delays
• Handle even the most complex files with powerful processing architecture and the Adobe PDF Print Engine.
• Cut maps to different sizes in fewer steps with the first printer including an integrated vertical trimmer.
• Print up to 20% faster 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.

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.
• Secure your printers with HP JetAdvantage Security Manager; manage your fleet remotely with HP Web Jetadmin.

For more information, please visit hp.com/go/DesignJetZ6

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: hp.com/go/learnaboutsupplies

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1. Vertical trimmer and dual rolls included with the HP DesignJet Z5dr 44-in PostScript® Printer with V-Trimmer only. Up to 20% reduction in post-processing labor time based on internal HP testing compared to HP DesignJet Z6 series printers without built-in vertical trimmer.

2. 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 display/away from direct sunlight by HP Image Permanence Lab on a range of HP media. For more information, see HPLFMedia.com/printpermanence.

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 adobe.com/products/pdfeengine.

4. Based on internal HP testing. Up to 20% faster printing compared to the HP DesignJet Z5600 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**  
Max print speed: 866 ft/hr (80.5 m/hr) on plain media  
Color images: 202 ft/hr (18.8 m/hr) on coated media  
Best: 104 ft/hr (9.7 m/hr) on glossy media  
Print resolution: Up to 3600 x 1200 optimized dpi  
Technology: HP Thermal inkjet  
Margins: 0.2 x 0.2 x 0.2 x 0.2 x 0.2 (V-borderless on select media), or on all media with V-Trimmer®.  
Ink drop: 73 x 73 x 73 x 73 x 73 (L, C, M, Y, K)  
Dust to dust drop weight: (L, C, M, Y, K)  
Printheads: 3 universal printheads (valid for all colors)  
Line accuracy: ±0.1%  
Minimum line width: 0.020 in (0.02 mm)  
Guaranteed minimum line width: 0.033 in (0.08 mm)  
Ink types: Pigment-based  
Ink cartridges: 6 x 2, 4 x 2, 3 x 2, 2 x 2, 1 x 2, 0.5 x 2  
Quality: 4AA7-2604ENA, June 2018, Rev. 1  

**Ordering information**

**Product**  
T8W18A: HP DesignJet Z6 44-in PostScript® Printer with V-Trimmer  
T8W16A: HP DesignJet Z6 24-44 in PostScript® Printer  
T8W15A: HP DesignJet Z6 24-44 in PostScript® Printer  

**Accessories**  
N197AA: HP USB 3.0 to Gigabit LAN Adapter  
N3N18A: HP DesignJet Z3+ 44-in Core Adapter  
Q6Q00A: HP DesignJet 24-in Spindle  
Q6Q00A: HP DesignJet 44-in Spindle  
Q1F8A: HP DesignJet 44-in Take-up Reel  
G4H51B: HP HDD Pro 42-in Scanner  
G4H50B: HP SD Pro 44 in Spacers  

**Original HP ink cartridges and printheads**  
P9V30A: HP 746 300-ml Chromatic Red DesignJet Ink Cartridge  
P9V20A: HP 746 300-ml Cyan DesignJet Ink Cartridge  
P9V78A: HP 746 300-ml Magenta DesignJet Ink Cartridge  
P9V82A: HP 746 300-ml Photo Black DesignJet Ink Cartridge  
P9V79A: HP 746 300-ml Matte Black DesignJet Ink Cartridge  
P2V52A: HP 746 DesignJet Pinhead  
P2V25A: HP 746 DesignJet Pinhead  
P6Q50A: HP Universal Instant-Dry Satin Photo Paper (FSC®-certified)  
G4J5A: HP 36 in x 110 ft (914 mm x 33.5 m)  
C6S98C: HP Heavyweight Coated Paper (FSC®-certified)  
C32H5A: HP Everyday Matte Polypropylene, 2 Pack  
G4C60B: HP Premium Matte Photo Paper (FSC®-certified)  
C6S118E: HP Paper 44 in x 110 ft (1118 mm x 33.5 m)  

**Service and support**  
U9WQOB: HP 3 year Next Business Day plus Defective Media Retention Support  
U9YXBE: HP 5 year Next Business Day plus Defective Media Retention Support  
U9YXPE: HP 3 year Hardware Warranty, Next Business Day plus Defective Media Retention Support  
D4S118E: HP Network Installation Service with Network Setup  

### Eco Highlights

- **ENERGY STAR® certified**, FPE® Silver registered as environmentally preferable product.  
- Breakthrough color consistency can help reduce unnecessary reprints.  
- Printer made from 30% post-consumer recycled plastic, free of HP printing supplies recycling.  
- FSC®-certified papers, range of recyclable HP media with a take-back program.  
- ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.  
- EPEAT® registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country.  
- Program availability varies. Please check hp.com/recycle for details.  
- BM trademark license code FSC-C017543, see fsc.org. EPEAT registered product is available in all regions.  
- HP 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 HPMedia.com/hp/eco/solutions for details.  

### Technical specifications

<table>
<thead>
<tr>
<th><strong>Image quality</strong></th>
<th>Short-term color stability</th>
<th>&lt; 1 dE2000 in less than 5 minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long-term print-to-</td>
<td>Average: 0.5 dE2000, 95% of colors: &lt; 1.4 dE2000</td>
<td></td>
</tr>
<tr>
<td>paper repeatability</td>
<td>Maximum optical density</td>
<td>4 L* min/2.5 D7</td>
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</tbody>
</table>

### Memory

- 128 GB (virtual), 500 GB self-encrypting hard disk  

### Connectivity

- Interfaces: Ethernet, Fast Ethernet, Gigabit Ethernet, 10/100/1000Base-T Ethernet  
- USB Type-A host port  
- Wireless: 802.3, 802.3u, 802.3ab  
- Direct print from mobile apps for iOS, Android and Chrome OS  
- Email  

### Print languages

- Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP-GL/2, HP-RTL  

### Mobile printing

- Direct print from mobile apps for iOS, Android and Chrome OS  

### Drivers

- Raster and PostScript drivers for Windows and macOS; PDF Driver for Windows  

### Security features

- HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3, HTTPS, Secure-IPP, IPsec/SSL  
- HP JetAdvantage Security Manager compatible, Secure Disk erase (DoD 5220.22-M), Secure File erase, self-encrypted HDD, PIN printing  

### Dimensions (w x d x h)

- Printer: 24-in: 30.9 x 27.4 x 39.3 in (732 x 695 x 998 mm)  
- 44-in: 44-in: 31.7 x 27.4 x 39.3 in (802 x 695 x 998 mm)  
- Shipping: 26.9 x 30.4 x 52.8 x 3.9 in (706 x 770 x 110 mm)  
- Sheet: 0.2 x 0.67 x 0.2 x 0.2 in (5 x 17 x 5 x 5 mm)  

### Weight

- Printer: 149-211 lbs (66-96 kg)  
- N7P47AA HP USB 3.0 to Gigabit LAN Adapter  

### What's in the box

- HP DesignJet Z6 PostScript Printer, printheads, introductory ink cartridges, printhead stand and media bin, spindles, 3-in core adapter, quick reference guide, setup poster, power cord  

### Software included

- Printer drivers, HP Click, HP Web Jetadmin, HP JetAdvantage Security Manager, HP DesignJet Utility including HP Color Center, HP Partner Link Paper for windows, HP MPS  

### Environmental ranges

- Operating temperature: 41 to 104°F (5 to 40°C)  
- Operating humidity: 20 to 80% RH  

### Power consumption

- < 100 W (printing)  
- < 0.3 W (< 6.5 W with embedded Digital Front End) (idle)  

### Requirements

- Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max  

### Certification

- USA and Canada (CSA certified); EU/IEV and EN 60950-1 compliant  
- Russia, Belarus, Kazakhstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India (IBS)  
- Electromagnetic Compliance with Class B requirements, including: USA (FCC rules); Canada (ICES, EU: EN 55022); Australia (ACMA), New Zealand (RSMI), China (CCC), Japan (VCCI), Korea (KEC), South Africa (SABS)  

### Environmental

- ENERGY STAR®, EPEAT® Silver, ROHS (EU, China, Korea, India), REACH, EFSA Silver  

### Warranty

- One-year limited hardware warranty  

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- FSC®-certified papers, range of recyclable HP media with a take-back program.  
- ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.  
- EPEAT® registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country.  
- Program availability varies. Please check hp.com/recycle for details.  
- BM trademark license code FSC-C017543, see fsc.org. EPEAT registered product is available in all regions.  
- HP 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 HPMedia.com/hp/eco/solutions for details.  

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

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**Recycled 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 HPMedia.com/hp/eco/solutions for details.**

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