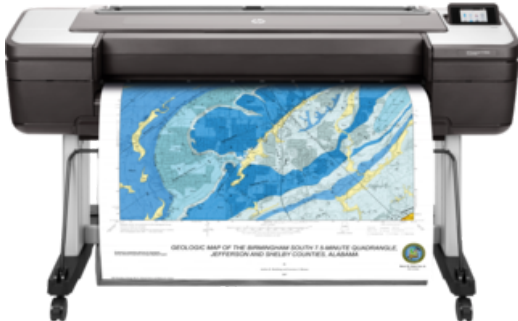




HP DesignJet T1700dr 44-in PostScript Printer (1VD88A)



Overview

Securely, efficiently, and accurately produce quality CAD and GIS applications up to 44 inches

Confidently take CAD, GIS color reproduction to the next level with a 44-in HP DesignJet printer that delivers powerful security features, high productivity on even the most complex files with the Adobe PDF driver^[2], and bright and precise colors.

SECURE—Protect your work and your information

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

ACCURATE—Make better decisions with precise colors

Get bright color and bold image quality—even on plain papers—with HP Bright Office Inks.

EFFICIENT—No more PC freezing up

Adobe PDF drivers^[2] free up your computer immediately after sending to print—even for the most complex files.

[2] Requires purchase of HP DesignJet T1700 PostScript® models or optional HP DesignJet PostScript/PDF Upgrade Kit. 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); USB Type-A host port |
| Connectivity, optional | HP USB 3.0 to Gigabit LAN Adapter |
| 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, HP Utility for Mac and Windows, HP WebJet Admin, HP Embedded Web Server, HP JetAdvantage Security Manager, HP Partner Link, 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) | 70.9 x 27.4 x 39.3 in |
| Weight | 74 kg |
| Weight | 163 lb |
| Power consumption | < 100 W (printing); < 24 W (ready); < 0.3 W (< 6.5 W with embedded Digital Front End) (sleep); 0.1 W (off) |
| Environmental certification | ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT Silver |
| What's in the box | HP DesignJet T1700 Printer, printheads, ink cartridges, printer stand, spindles (x2), setup poster, introductory information, warranty, power cords, label kits |
| Services (Care Pack) | U9QS9E HP 3 year Next Business Day plus Defective Media Retention Support;U9TQ2E HP 3 year 4-hour response, 9x5 plus Defective Media Retention Support;U9TQ8PE HP 1 year Post Warranty, Next Business Day plus Defective Media Retention Support;U9TR1PE HP 1 year Post Warranty, 4-hour response, 9x5 plus Defective Media Retention Support;H4518E HP Network Installation DesignJet High-end and Midrange Service;U1XV4E HP Preventive Maintenance Service |
| Warranty | One-year limited hardware warranty |

Additional specifications

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| Accessories | HP DesignJet 44-in Spindle Q6709A; HP HD Pro 42-in Scanner G6H51B; HP SD Pro 44-in Scanner G6H50B; HP DesignJet 3-in Core Adapter CN538A; HP USB 3.0 to Gigabit LAN Adapter N7P47AA |
| Acoustic power emissions (active, printing) | 6.1 B(A) |
| Acoustic power emissions (sleep) | < 3.1 B(A) |
| Acoustic power emissions (standby) | 5.0 B(A) |
| Acoustic pressure emissions | 45 dB(A) |
| Acoustic pressure emissions (sleep) | < 15 dB(A) |
| Acoustic pressure emissions (standby) | 32 dB(A) |
| Additional information about HP | http://www.hp.com |
| Additional information about HP in the countries | http://www.hp.com/uk |
| Color(s) of printing supplies | Cyan, magenta, yellow, photo black, matte black, gray |
| Eco label | ENERGY STAR® certified; EPEAT® Bronze registered |
| 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 | Sheet feed, two automatic roll feeds, automatic roll-switching, media bin, automatic horizontal cutter |
| Guaranteed minimum line width | 0.0024 in (ISO/IEC 13660:2001(E))[3] |
| Guaranteed minimum line width | 0.06 mm (ISO/IEC 13660:2001(E))[3] |
| Guaranteed minimum line width footnote | Measured on HP Matte Film |
| Guaranteed minimum line width footnote | Measured on HP Matte Film |
| HP ePrint capability | Yes |
| Ink drop | 6 pl |
| Ink types | Dye-based (C, M, Y, PK, G); pigment-based (MK) |
| Internal Storage | 500 GB self-encrypting |
| Line accuracy | ±0.1%[2] |
| Line accuracy note | ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with Original HP inks |
| Maximum Memory | 128 GB (virtual) |
| Maximum optical density (black) | 2.15 maximum black optical density (6 L*min) |

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| Maximum optical density footnote (black) | With HP Premium Instant Dry Photo Gloss media with Original HP inks |
| Media sizes standard (metric rolls) | 279 to 1118-mm |
| Media sizes standard (sheets, rolls) | 11 to 44-in |
| Media sizes supported | A, B, C, D, E |
| Media sizes supported | A4, A3, A2, A1, A0 |
| Media sizes, custom | 210 x 279 to 1118 x 1676 mm |
| Media sizes, custom | 8.3 x 11 to 44 x 66 in |
| Media thickness | Up to 31.5 mil |
| Media thickness | Up to 0.8 mm |
| Media types | Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte), technical paper (natural tracing, translucent bond), film (clear, matte), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (polypropylene, vinyl) |
| Media weight, recommended | 60 to 328 g/m ² |
| Media width, maximum | 44 in |
| Media width, maximum | 1118 mm |
| Memory | 128 GB (virtual)[4] (Based on 4 GB DDR3 RAM) |
| Model size | 1118 mm |
| Model size | 44 in |
| Network ready | Standard |
| Non-Operating Humidity Range | 0 to 90% RH |
| Non-printable area (cut-sheet) | 3 x 17 x 3 x 3 mm |
| Non-printable area (cut-sheet) | 0.12 x 0.67 x 0.12 x 0.12 in |
| Non-printable area (roll media) | 0.12 x 0.12 x 0.12 x 0.12 in |
| Non-printable area (roll media) | 3 x 3 x 3 x 3 mm |
| Number of print cartridges | 6 (cyan, magenta, yellow, photo black, matte black, gray) |
| Operating humidity range | 20 to 80% RH |
| Operating temperature range | 41 to 104°F |
| Operating temperature range | 5 to 40°C |
| Package dimensions (W x D x H) | 77 x 30.3 x 28 in |
| Package dimensions (W x D x H) | 1955 x 770 x 710 mm |
| Package weight | 128 kg |
| Package weight | 282 lb |
| Power | Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max |
| Print Technology | Ink |

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| Print cartridge volume delivered | Cyan, magenta, yellow, photo black, matte black, gray (300 ml); Cyan, magenta, yellow, photo black, matte black, gray (130 ml) |
| Print head nozzles | 2112 each color |
| Print heads | 3 universal printheads, 2 colors each |
| Print languages | Adobe PostScript 3, Adobe PDF 1.7 ext 3, HP-GL/2, TIFF, JPEG, URF, CALS G4 |
| Print speed | 116 D/hr, 26 sec/D[1] |
| Print speed | 116 A1/hr, 26 sec/A1[1] |
| Print speed line drawing (economode, A1 plain paper) | 116 pages per hour[1] |
| Print speed line drawing (economode, D plain paper) | 116 pages per hour[1] |
| Print technology | HP Thermal Inkjet |
| Print time black and white line drawing (draft, US D plain paper) | 33 sec/page |
| Print time black and white line drawing (draft, metric A1 plain paper) | 33 sec/page |
| Print time line drawing (economode, A1 plain paper) | 26 sec/page[1] |
| Print time line drawing (economode, D plain paper) | 26 sec/page[1] |
| Printer drivers included | Raster drivers for Windows and macOS; PostScript and PDF Windows drivers and macOS PostScript driver |
| Printing path | Direct printing from USB flash drive, email printing, HP driver for Windows, HP Print Service for Android, Apple AirPrint for MacOS and for iOS, HP Print for Chrome OS, HP Click, HP Smart App for iOS and Android |
| Product logos | Adobe PDF Print Engine 4; Adobe PostScript 3; ENERGY STAR; EPEAT Silver; Gold IPv6 Ready; PANTONE* Digital Color; Windows 10 Compatible |
| Recommended media | C6810A HP Bright White Inkjet Paper (FSC® certified) 914 mm x 91.4 m (36 in x 300 ft); C6569C HP Heavyweight Coated Paper 1067 mm x 30.5 m (42 in x 100 ft); Q6581A HP Universal Instant-dry Satin Photo Paper (FSC® certified) 1067 mm x 30.5 m (42 in x 100 ft); Q1406B HP Universal Coated Paper (FSC® certified) 1067 mm x 45.7 m (42 in x 150 ft) |
| Roll external diameter | 5.3 in |
| Roll external diameter | 135 mm |
| Roll maximum input | 2 |
| Roll maximum weight | 26.3 lb |
| Roll maximum weight | 11.9 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) |

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| 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-encrypting HDD, PIN printing |
| Storage temperature range | -13 to 131°F |
| Storage temperature range | -25 to 55°C |
| Supported Primary Applications | Line drawings; Maps; Orthophotos; Presentations; Renderings |
| 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/designjett1700 |

Scanners

Large Format Scanners

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

Solutions

HP DesignJet Printing Solutions

DesignJet Printing Solutions

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| HP DesignJet Printing Solutions | HPDJSOL |
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Accessories

Paper Handling

Spindles

HP DesignJet 44-in Spindle

Q6709A

Roll Core Adapters

HP DesignJet 3-in Core Adapter

CN538A

Docking and Port Replicators

Port Replicators

HP USB 3.0 to Gigabit LAN Adapter

N7P47AA

Ink Supplies

HP Graphic Arts Inks/Printheads

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| HP 730 300-ml Gray DesignJet Ink Cartridge | P2V72A |
| HP 730 300-ml Yellow DesignJet Ink Cartridge | P2V70A |
| HP 730 130-ml Photo Black DesignJet Ink Cartridge | P2V67A |
| HP 730 300-ml Matte Black DesignJet Ink Cartridge | P2V71A |
| HP 731 DesignJet Printhead | P2V27A |
| HP 730 130-ml Yellow DesignJet Ink Cartridge | P2V64A |
| HP 730 300-ml Magenta DesignJet Ink Cartridge | P2V69A |
| HP 730 300-ml Photo Black DesignJet Ink Cartridge | P2V73A |
| HP 730 300-ml Cyan DesignJet Ink Cartridge | P2V68A |
| HP 730 130-ml Matte Black DesignJet Ink Cartridge | P2V65A |
| HP 730 130-ml Gray DesignJet Ink Cartridge | P2V66A |
| HP 730 130-ml Cyan DesignJet Ink Cartridge | P2V62A |
| HP 730 130-ml Magenta DesignJet Ink Cartridge | P2V63A |

Services

HP Care Pack Services

Graphics Solutions Care Pack Services

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| HP 1 year Post Warranty Next Business Day Onsite HW Support w/DMR for DesignJet T1700 2 roll | U9TQ8PE |
| HP 3 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet T1700 2 roll | U9QS9E |
| HP 5 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet T1700 2 roll | U9QT1E |
| HP Maintenance Kit Replacement Service for DesignJet T1700 1 roll and 2 roll (PMK1 Scan Axis) | U9VZ7E |
| HP 5 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet T1700 2 roll | U9QT1E |
| HP Maintenance Kit Replacement Service for DesignJet T1700 1 roll and 2 roll (PMK2 Left spittoon) | U9VZ9E |
| HP 3 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet T1700 2 roll | U9QS9E |
| HP 1 year Post Warranty Next Business Day Onsite HW Support w/DMR for DesignJet T1700 2 roll | U9TQ8PE |
| HP Next Business Day Onsite HW Subscription Support w/DMR for HP DesignJet T1700 2 roll (per month) | U9TR4E |
| HP 2 year Post Warranty Next Business Day Onsite HW Support w/DMR for DesignJet T1700 2 roll | U9TQ9PE |
| HP 2 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet T1700 2 roll | U9QS8E |
| HP Maintenance Kit Replacement Service for DesignJet T1700 1 roll and 2 roll (PMK2 Service Station) | U9VZ8E |
| HP 4 year Next Business Day Onsite HW Support w/Defective Media Retention for DesignJet T1700 2 roll | U9QT0E |
| HP 1 year Post Warranty Remote Technical Support for Designjet Midrange | HC131PE |
| HP Preventive Maintenance Onsite Service for 2 hour for DesignJet Printers (Single Event) | U1XV4E |
| HP Network Installation Service for DesignJet High-end and Midrange | H4518E |

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