



Large Document Solutions
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Data sheet



HP DesignJet T1700 Printer series

The most secure, empowering HP DesignJet printer for CAD/GIS workgroups



SECURE—Protect your work and your information

- Protect printers/data from unauthorized access with HP Secure Boot, whitelisting, encrypted hard disk, more
- Protect documents, preserve confidentiality with authentication solutions like PIN printing, card readers¹
- Secure your printers with HP JetAdvantage Security Manager; manage your fleet remotely with HP Web Jetadmin
- Control and optimize printing costs with accounting solutions—or with your reseller through HP Partner Link

EFFICIENT—No more PC freezing up

- Adobe PDF drivers² free up your computer immediately after sending to print—even for the most complex files
- No interruptions—dual-roll options reduce roll changes; two rolls double capacity, help switch paper types³
- Handle complex files—powerful processing architecture⁴, 128 GB memory⁵, 500 GB HDD at 116 A1/D pgs/hr.
- Easily print project sets and PDF documents with HP Click printing software

ACCURATE—Make better decisions with precise colors

- Get bright color and bold image quality—even on plain papers—with HP Bright Office Inks
- Reproduce transparencies, layers, color palettes, and gradients with embedded Adobe PDF Print Engine²
- Tuned profiles reproduce distinct shades of color; color/gray/photo black inks make soft colors, dark tones
- Accurately display data—high-density printheads provide 2400 nozzles per inch, enabling 0.1% line accuracy⁶

For more information, please visit
hp.com/go/designjetT1700



¹ Card reader functionality enabled through optional third-party solutions.

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 adobe.com/products/pdfprintengine.

³ Dual-roll printing is available on the HP DesignJet T1700dr 44-in Printer and HP DesignJet T1700dr 44-in PostScript® Printers.

⁴ Refers exclusively to file processing capabilities for complex files, and does not refer to print speed.

⁵ Based on 4 GB DDR3 RAM.

⁶ ±0.1% of the specified vector length or ± 0.0008 in (whichever greater) at 73° F (23° C), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Film and HP Bright Office Inks

Technical specifications

| | | |
|--|---|---|
| Print | Line drawings ⁷ | 26 sec/page on A1/D, 116 A1/D prints per hour |
| | Print resolution | Up to 2400 x 1200 optimized dpi |
| | Margins (top x bottom x left x right) | Roll: 0.1 x 0.1 x 0.1 x 0.1 in (3 x 3 x 3 x 3 mm) Sheet: 0.1 x 0.67 x 0.1 x 0.1 in (3 x 17 x 3 x 3 mm) |
| | Technology | HP Thermal Inkjet |
| | Ink types | Dye-based (C, G, M, pK, Y); pigment-based (mK) |
| | Ink drop | 6 pl |
| | Printheads | 3 universal printheads, 2 colors each: mK-Y / C-M / G-pK |
| | Printhead nozzles | 2112 each color |
| | Line accuracy | ± 0.1% ⁸ |
| | Minimum line width | 0.0008 in (0.02 mm) (PDF addressable @ 1200 dpi) |
| | Media | Handling |
| Size | | Rolls: 11 to 44 in (279 to 1118 mm) Sheets: 8.3 x 11 to 44 x 66 in (210 x 279 to 1118 x 1676 mm) Standard sheets: A, B, C, D, E (A4, A3, A2, A1, A0) |
| Thickness | | Up to 31.5 mil (0.8 mm) |
| Applications | Line drawings, Renderings, Presentations, Maps, Orthophotos | |
| Memory | 128 GB virtual ⁹ 500 GB Self Encrypted hard disk (AES-256 Encrypted) | |
| Connectivity | Interfaces | Ethernet, Fast Ethernet, Gigabit Ethernet, 10/100/1000Base-T Ethernet (802.3, 802.3u, 802.3ab); USB Type-A host port |
| | Print languages | Basic Printer: HP-GL/2, TIFF, JPEG, URF, CALS G4 PostScript Printer: Adobe PostScript 3, Adobe PDF 1.7 ext 3, HP-GL/2, TIFF, JPEG, URF, CALS G4 |
| | Printing paths | HP driver for Windows and MAC OS X, direct printing from USB flash drive, email printing, HP Smart app, HP Click printing software, HP Print Service for Android, Apple AirPrint driver |
| | Drivers (included) | Basic Printer: Raster drivers for Windows and macOS PostScript Printer: Raster drivers for Windows and macOS; PostScript and PDF Windows drivers and macOS PostScript driver |
| | Security features | HP Secure Boot, Whitelisting ¹⁰ , Secure-IPP, IPsec/Firewall, Certificates management, 802.1X, TLS 1.0/1.1/1.2, HP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, self-encrypting HDD, PIN printing |
| Dimensions (w x d x h) | Printer | 70.9 x 27.4 x 39.3 in (1802 x 695 x 998 mm) |
| | Shipping | 77 x 30.3 x 28 in (1955 x 770 x 710 mm) |
| Weight | Printer | Single-roll printer: 159 lb (72 kg) Double-roll printer: 163 lb (74 kg) |
| | Shipping | Single-roll printer: 278 lb (126 kg) Double-roll printer: 282 lb (128 kg) |
| | What's in the box | HP DesignJet T1700 Printer, printheads, Introductory ink cartridges, printer stand, spindle, setup poster, introductory information, warranty, power cords, label kits |
| Compatible software and solutions | HP Click, HP Utility for Mac and Windows, HP Web Jet Admin, HP Embedded Web Server, HP JetAdvantage Security Manager, HP Partner Link, HP MPS | |
| Environmental ranges | Operating temperature: | 41 to 104°F (5 to 40°C) |
| | Storage temperature: | -13 to 131°F (-25 to 55°C) |
| | Operating humidity: | 20 to 80% RH |
| Acoustic | Sound pressure: | 45 dB(A) (printing); 32 dB(A) (ready); < 15 dB(A) (sleep) |
| Power consumption | Sound power: | 6.1 B(A) (printing); 5.0 B(A) (ready); < 3.1 B(A) (sleep) |
| | | < 100 W (printing); < 24 W (ready); |
| | | < 0.3 W (< 6.5 W with embedded Digital Front End) (sleep); 0.1 W (off) |
| Certification | Input voltage (auto ranging) | 100-240 V (± 10%), 50/60 Hz (± 3 Hz), 2 A max |
| | Safety | USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Kazakhstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS) |
| | Electromagnetic | 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) |
| Environmental | ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT Silver | |
| Warranty | One-year limited hardware warranty | |

⁷ Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.

⁸ ± 0.1% of the specified vector length or ± 0.0008 in (whichever greater) at 73°F (23°C), 50-60% relative humidity, on AO/E HP Matte Film in Best or Normal mode with Original HP inks.

⁹ Based on 4 GB DDR3 RAM.

¹⁰ Post intro

¹¹ BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.

¹² Can be recycled through commonly available recycling programs.

Ordering information

| | | | |
|--|------------------------------|--|---|
| Product | W6B55A | HP DesignJet T1700 44-in Printer | |
| | 1VD87A | HP DesignJet T1700 44-in PostScript Printer | |
| | W6B56A | HP DesignJet T1700dr 44-in Printer | |
| | 1VD88A | HP DesignJet T1700dr 44-in PostScript Printer | |
| Accessories | Q6709A | HP DesignJet 44-in Spindle | |
| | G6H51B | HP HD Pro 42-in Scanner | |
| | G6H50B | HP SD Pro 44-in Scanner | |
| | CN538A | HP DesignJet 3-in Core adapter | |
| | N7P47AA | HP USB 3.0 to Gigabit LAN Adapter | |
| | C0C66B | HP DesignJet PostScript/PDF Upgrade Kit | |
| | Original HP printhead | P2V27A | HP 731 DesignJet Printhead |
| Original HP ink cartridges | P2V62A | HP 730 130-ml Cyan DesignJet Ink Cartridge | |
| | P2V63A | HP 730 130-ml Magenta DesignJet Ink Cartridge | |
| | P2V64A | HP 730 130-ml Yellow DesignJet Ink Cartridge | |
| | P2V65A | HP 730 130-ml Matte Black DesignJet Ink Cartridge | |
| | P2V66A | HP 730 130-ml Gray DesignJet Ink Cartridge | |
| | P2V67A | HP 730 130-ml Photo Black DesignJet Ink Cartridge | |
| | P2V68A | HP 730 300-ml Cyan DesignJet Ink Cartridge | |
| | P2V69A | HP 730 300-ml Magenta DesignJet Ink Cartridge | |
| | P2V70A | HP 730 300-ml Yellow DesignJet Ink Cartridge | |
| | P2V71A | HP 730 300-ml Matte Black DesignJet Ink Cartridge | |
| | P2V72A | HP 730 300-ml Gray DesignJet Ink Cartridge | |
| Original HP large format printing materials | P2V73A | HP 730 300-ml Photo Black DesignJet Ink Cartridge | |
| | C6810A | HP Bright White Inkjet Paper (FSC® certified) ¹¹  ¹² 36 in x 300 ft (914 mm x 91.4 m) | |
| | C6569C | HP Heavyweight Coated Paper ¹² 42 in x 100 ft (1067 mm x 30.5 m) | |
| | Q6581A | HP Universal Instant-dry Satin Photo Paper (FSC® certified) ¹¹  ¹² 42 in x 100 ft (1067 mm x 30.5 m) | |
| Service and support | Q1406B | HP Universal Coated Paper (FSC® certified) ¹¹  ¹² 42 in x 150 ft (1067 mm x 45.7 m) | |
| | 1-roll | 2-rolls | |
| | H4518E | H4518E | HP Installation Service with Network Setup |
| | U1XV4E | U1XV4E | HP Preventive Maintenance Service |
| | U9QQ6E | U9QS9E | HP 3 year NBD* Onsite HW Support with DMR** |
| | U9QQ8E | U9QT1E | HP 5 year NBD* Onsite HW Support with DMR** |
| | U9QS2PE | U9TQ8PE | HP 1 year Post Warranty NBD* Onsite HW Support with DMR** |
| | U9QS3PE | U9TQ9PE | HP 2 year Post Warranty NBD* Onsite HW Support with DMR** |
| | U9TR3E | U9TR4E | HP NBD* Onsite Hardware Subscription Support (per month) |

* Next Business Day.

** This services comes with Defective Media Retention (DMR) option that keeps your sensitive data safe. To comply with security regulations you can keep the defective hard drive or data-retentive memory component while getting a replacement disk or memory.

HP DesignJet Support Services offer solutions for business critical environments —installation, extended support and maintenance, as well as a variety of value-added services. For more information, please visit hp.com/go/designjetsupport.

Use **Original HP inks** and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays. For more information, visit hp.com/go/OriginalHPInks.

For the entire **HP Large Format Printing Materials** portfolio, please see HPLFMedia.com.

Eco Highlights

- ENERGY STAR® certified¹ and EPEAT® Silver registered²
- Free, convenient HP ink cartridge recycling³
- FSC®-certified papers⁴ and a range of recyclable HP media with a take-back program⁵
- Designed with the environment in mind—made from 30% post-consumer recycled plastic

¹ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

² EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

³ Program availability varies. Please check www.hp.com/recycle for details.

⁴ BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

⁵ Many HP printing materials are recyclable through commonly available recycling programs. For information about HP large format printing materials, please visit HPLFMedia.com.

Please recycle large-format printing hardware and printing supplies.
Find out how at our website

hp.com/ecosolutions



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