



HP DesignJet T1708 Printer series

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



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 readers.³
- 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 types.⁴
- Handle complex files—powerful processing architecture¹, 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 Engine.²
- 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 accuracy.⁶

For more information, please visit www.hp.com/go/DesignjetT1708

¹ Refers exclusively to file processing capabilities for complex files, and does not refer to print speed.

² Requires purchase of HP DesignJet T1708 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>.

³ Card reader functionality enabled through optional third-party solutions.

⁴ Dual-roll printing is available on the HP DesignJet T1708dr 44-in Printer and HP DesignJet T1708dr 44-in PostScript® Printers.

⁵ Based on 4 GB DDR3 RAM.

⁶ ±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 printing material in Best or Normal mode with HP Matte Film and HP Bright Office Inks.

Technical specifications

Print	
Line drawings	26 sec/page ¹ , 116 pages per hour ¹ on A1/D
Print resolution	Up to 2400 × 1200 optimized dpi
Technology	HP Thermal Inkjet
Margins	Roll: 3 × 3 × 3 × 3 mm (borderless on photo media) (0.12 × 0.12 × 0.12 × 0.12 in (borderless on photo media)) Sheet: 3 × 17 × 3 × 3 mm (0.12 × 0.67 × 0.12 × 0.12 in)
Ink types	Dye-based (C, M, Y, PK, G); pigment-based (MK)
Ink cartridges	6 (cyan, magenta, yellow, photo black, matte black, gray)
Ink drop	6 pl
Printheads	3 universal printheads, 2 colors each
Printhead nozzles	2112 each color
Line accuracy	±0.1% ²
Minimum line width	0.02 mm (PDF addressable @ 1200 dpi) (0.0008 in (PDF addressable @ 1200 dpi))
Guaranteed minimum line width	0.06 mm (ISO/IEC 13660:2001(E)) ³ (0.0024 in (ISO/IEC 13660:2001(E)) ³)
Media	
Handling	Single-roll: Sheet feed, roll feed, automatic horizontal cutter; Dual-roll: Sheet feed, two automatic roll feeds, automatic roll-switching, media bin, automatic horizontal cutter
Sheet size	210 × 279 to 1118 × 1676 mm;
Roll size	279 to 1118-mm;
Standard sheets	A4; A3; A2; A1; A0;
Grammage	60 to 328 g/m ²
Thickness	Up to 0.8 mm (Up to 31.5 mil)
Applications	Line drawings; Maps; Orthophotos; Presentations; Renderings
Memory	128 GB (virtual) ⁴ ; 500 GB self-encrypting hard disk
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 (standard)	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
Print languages (optional)	Basic printer: Adobe PostScript 3; Adobe PDF 1.7 ext 3
Mobile printing features	Direct print from mobile apps on iOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for iOS and Android
Drivers	Raster drivers for Windows and macOS; PostScript and PDF Windows drivers and macOS PostScript driver ⁵
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
Dimensions (w x d x h)	
Printer	1802 x 695 x 998 mm
Shipping	1955 x 770 x 710 mm
Weight	
Printer	Single-roll: 72 kg; Dual-roll: 74 kg
Shipping	Single-roll: 126 kg; Dual-roll: 128 kg
What's in the box	HP DesignJet T1708 Printer, printheads, ink cartridges, printer stand, spindles ⁵ , setup poster, introductory information, warranty, power cords, label kits
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
Environmental ranges	
Operating temperature	5 to 40°C
Operating humidity	20 to 80% RH
Acoustics	
Sound pressure	45 dB(A) (operating); 32 dB(A) (idle); < 15 dB(A) (sleep)
Sound power	6.1 B(A) (operating); 5.0 B(A) (idle); < 3.1 B(A) (sleep)
Power	
Consumption	< 100 W (printing); < 24 W (ready); < 0.3 W (< 6.5 W with embedded Digital Front End) (sleep); 0.1 W (off)
Requirements	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max
Certification	
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

Ordering information

Product

1VD84A	HP DesignJet T1708 44-in PostScript Printer
1VD83A	HP DesignJet T1708 44-in Printer
1VD86A	HP DesignJet T1708dr 44-in PostScript Printer
1VD85A	HP DesignJet T1708dr 44-in Printer

Accessories

G6H50B	HP SD Pro 44-in Scanner
C0C66B	HP DesignJet PostScript/PDF Upgrade Kit
CN538A	HP DesignJet 3-in Core Adapter
G6H51B	HP HD Pro 42-in Scanner
N7P47AA	HP USB 3.0 to Gigabit LAN Adapter
Q6709A	HP DesignJet 44-in Spindle

Original HP printing supplies and printhead

C9370A	HP 72 130-ml Photo Black DesignJet Ink Cartridge
C9371A	HP 72 130-ml Cyan DesignJet Ink Cartridge
C9372A	HP 72 130-ml Magenta DesignJet Ink Cartridge
C9373A	HP 72 130-ml Yellow DesignJet Ink Cartridge
C9374A	HP 72 130-ml Gray DesignJet Ink Cartridge
C9403A	HP 72 130-ml Matte Black DesignJet Ink Cartridge
P2V27A	HP 731 DesignJet Printhead

Original HP large format printing materials

C6810A	HP Bright White Inkjet Paper (FSC® certified) ⁶ (Recyclable) ⁷ 914 mm x 91.4 m (36 in x 300 ft)
C6569C	HP Heavyweight Coated Paper (Recyclable) ⁷ 1067 mm x 30.5 m (42 in x 100 ft)
Q6581A	HP Universal Instant-dry Satin Photo Paper (FSC® certified) ⁶ (Recyclable) ⁷ 1067 mm x 30.5 m (42 in x 100 ft)
Q1406B	HP Universal Coated Paper (FSC® certified) ⁶ (Recyclable) ⁷ 1067 mm x 45.7 m (42 in x 150 ft)

Service and support

1-roll	2-roll	
U9ZU6E	U9ZV6E	HP 2 year NBD* Onsite HW Support with DMR**
U9ZU7E	U9ZV7E	HP 3 year NBD* Onsite HW Support with DMR**
U9ZU8E	U9ZV8E	HP 4 year NBD* Onsite HW Support with DMR**
U9ZU9E	U9ZV9E	HP 5 year NBD* Onsite HW Support with DMR**
U9ZV3PE	U9ZW3PE	HP 1 year Post Warranty NBD* Onsite HW Support with DMR**
U9ZV4PE	U9ZW4PE	HP 2 year Post Warranty NBD* Onsite HW Support with DMR**
U7VB9E	U7VB9E	HP Installation Service for DesignJet Moderate Level APJ HS
U1XV4E	U1XV4E	HP Preventive Maintenance Service

* 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 variety of value-added services. For more information, please visit hp.com/go/designjetsupport.

Use **Original HP inks** printheads, and HP large format printing materials, 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, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. 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.

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

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 <http://www.epeat.net> for registration status by country.

³ Program availability varies. Please check <http://www.hp.com/recycle> for details.

⁴ FSC® trademark license code FSC®-C115319. See <http://www.fsc.org>. HP trademark license code FSC®-C017543. See <http://www.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 <http://www.HPLFMedia.com>.

¹ Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.

² ±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.

³ Measured on HP Matte Film.

⁴ Based on 4 GB DDR3 RAM.

⁵ Included with PostScript printers only.

⁶ BMG trademark license code FSC®-C115319. See <http://www.fsc.org>. HP trademark license code FSC®-C017543. See <http://www.fsc.org>. Not all FSC®-certified products are available in all regions.

⁷ Recyclable 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 <http://www.HPLFMedia.com/hp/ecosolutions> for details.

