HP DesignJet T1600 Printer Plus Edition series

Turn design into delivery with the easiest printing experience[1] and world-class security for workgroups



*Product image may differ from actual product

SIMPLIFY PRINTING—The easiest printing experience[1] in a compact, quiet design

- Speed up your printing process with radically simple solutions such as HP Click software and HP Click Driver[2] for the easiest printing experience.[1]
- Front-operated access to media, inks, and prints helps keep work moving with less effort.
- Fits your workplace with the most compact footprint and quietest operation, with up to 87% less noise.[3]
- Collaborate on the latest drawing. With HP Build Workspace[4] Version Control, enable QR-linked access to a single, validated version to sync physical drawings with the latest cloud update.

MAXIMISE PRODUCTIVITY—Fast printing and the most advanced print stacking[5]

- Cut out unproductive tasks with the most advanced, fully integrated automatic print stacking[5]—handling up to 100 pages at a time.
- Provide the highest accuracy and finest details with the unique Adobe PDF Print Engine.[6]
- Meet deadlines with fast speeds, up to 180 A1/hr[7], with single- or dual-roll options[8] for continuous printing.
- Showcase design versatility—from precise line drafts to boldly coloured 3D renders—with HP Bright Office Inks.

TRUSTED PROTECTION—World-class printer protection with HP Wolf Pro Security[9]

- Safeguard your device from attacks by validating the integrity of your firmware and BIOS with allowlisting and HP Secure Boot.
- Control who accesses the printer and its confidential documents with secure user authentication.
- Ensure end-to-end data protection with advanced encryption, including TLS 1.3 and IPsec.

Messaging Footnotes

[1] Based on a competitive comparison of the HP Click Driver and comparable competitive printer drivers that represent the majority of the market share as of 2026 according to IDC. The HP Click driver performs all steps in one: providing an interactive print preview, PDF error detection with warnings, and print settings all together, unlike competitors, which are not integrated. The comparison was performed by Sogeti in April 2026.
[2] HP Click App is compatible with Windows and Mac. HP Click Driver is compatible with Windows 11 only. HP Click software is only compatible with Original HP ink supplies. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files.
[3] Based on comparable large-format inkjet printers under $12,000 (USD) as of April 2026. IDC figures show that Canon, Epson, and HP combine for 98% share of this printing category worldwide as of Q4, 2025. Most compact footprint calculated using all devices in "Operation mode" with an Open Basket and the arm of the Screen (front panel) spread out to enable user interaction. Most quiet according to internal HP testing of sound pressure level during operating mode (plain paper, line drawing, Normal mode) compared to published specification of competitive printers. Percentage calculations of noise based on lineal units vs. Canon imagePROGRAF TX-3200 published spec of 51dB(A) and Epson SureColour T5770D published spec of 49.6 dB(A).
[4] HP Build Workspace, the first solution to offer cloud-based AI Vectorization to convert raster drawings into working CAD files, specifically designed for architects.
[5] Based on all comparable large-format inkjet printers under $12,000 (USD) as of April 2026 and based on published product specifications, the HP DesignJet T1600 Plus Edition includes a fully integrated output stacking system as part of the device design. The output basket/bin offered for the Canon imagePROGRAF TX-3200 is an optional accessory that is not integrated into the printer structure and requires the user to change the position of the stacker depending on the size of the printed materials. No stacking system or stacking accessory is available for the Epson SureColour SC-T5770DM.
[6] Requires purchase of the HP DesignJet T1600 Plus Edition Printer Series or optional HP DesignJet PostScript/PDF Upgrade Kit. Highest accuracy and finest details compared to printers without the embedded Adobe technology excluding RIP users, and based on internal HP testing with PDF files containing special fonts, PANTONE® colours, smooth shading, overprint, and transparencies that can only be reproduced using the Adobe PDF Print Engine. The Adobe PDF Print Engine (APPE) is Adobe's high speed, high fidelity print platform. To learn more, visit https://www.adobe.com/products/pdfprintengine.html .
[7] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.
[8] Dual rolls included with HP DesignJet T1600dr Plus Edition Printer Series only.
[9] HP Wolf Pro Security includes various HP security features and is available on the HP DesignJet T850/XT950 plotter series, HP DesignJet Smart Tank T858/T908/T918 printers, HP DesignJet T1600 plotter series, HP DesignJet T2600 multifunction plotter series, HP DesignJet T1700 plotter series, HP DesignJet Z9+ Pro printer, HP DesignJet Z6 Pro printer, HP DesignJet Z9+ PostScript® printer series, HP DesignJet Z6 PostScript® printer series, HP DesignJet XL 3600 multifunction printer series, and HP PageWide XL & Pro printers. See product details for included features.

For more information, please visit http://www.hp.com/go/designjett1600

Works with Apple AirPrint · ENERGY STAR · epeat · R6 READY · PANTONE Digital Color · Windows 10 Compatible · Powered by Adobe PostScript · HP WOLF SECURITY

Datasheet

Technical specifications

Print

Print speed	180 A1/hr, 19.3 sec/A1[1]
Print resolution	Up to 2400 x 1200 optimised dpi
Technology	HP Thermal Inkjet
Margins	Roll: 3 x 3 x 3 x 3 mm Sheet: 3 x 22 x 3 x 3 mm
Ink types	Dye-based (C, M, Y, pK, G); pigment-based (mK)
Print Cartridges, Number	6 (C, M, Y, G, pK, mK)
Ink drop	6 pl (C, M, Y, G, pK); 9 pl (mK)
Print cartridge volume	300 ml (C, M, Y, G, pK, mK); 130 ml (C, M, Y, G, pK, mK)
Print cartridge color	Cyan, magenta, yellow, photo black, matte black, gray
Printheads	1 universal printhead
Line accuracy	±0.1%[2]
Minimum line width	0.02 mm (PDF addressable @ 1200 dpi)

Media

Applications	Line drawings; Maps; Orthophotos; Presentations; Renderings
Handling	Sheet feed, automatic front-loading roll feed, smart roll switching[3], integrated output stacker[4], media bin, automatic horizontal cutter
Maximum media width	914 mm
Roll size	279 to 914 mm
Maximum roll weight	11.9 kg
Maximum roll diameter	140 mm
Sheet size	210 x 279 to 914 x 1219 mm
Standard media sizes supported	A4, A3, A2, A1, A0
Media Weight Recommended	60 to 328 g/m²
Media thickness (maximum)	Up to 0.5 mm
Media types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, coloured), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl)

Embedded controller

Memory	128 GB (file processing)[5]
Storage	500 GB self-encrypting
Native print languages	PostScript Printer: Adobe PostScript 3, Adobe PDF 1.7, HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4; Non-PostScript Printer: HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T), Wi-Fi (with optional Jetdirect accessory), supporting the following standards: TCP/IP, BootP/DHCP (IPv4 only), DHCPv6, TFTP (IPv4 only), SNMP (v1, v2c, v3), Apple Bonjour Compatible, WS Discovery, Embedded Web Server (HTTP, HTTPS), IPsec, SMTP (email), Raw IP printing (9100), LPD, IPP, WS print, NTLM v2, SMBv3, SSL/TLS, 802.1X authentication (LEAP, PEAP, EAP-TLS), DFS
Printing paths	Direct printing from USB flash drive, print from network shared folder, email printing, HP driver for Windows, HP Print Service for Android, Apple AirPrint driver for MacOS and for iOS, HP Print for Chrome OS, HP Click App, HP App for iOS and Android, HP Click Driver for Windows 11, HP Smart Stream (optional)
Drivers	PostScript Printer: HP Click Driver for Windows 11, Raster, PostScript and PDF drivers for Windows, AirPrint for macOS; Non-PostScript Printer: HP Click Driver for Windows 11, Raster drivers for Windows, AirPrint for macOS
Security features	HP Wolf Pro Security, HP Secure Boot, Allowlisting, TPM, Role Based Access Control, LDAP and Kerberos authentication, SNMPv3, HTTPS, Secure-IPP, IPsec/Firewall, Certificates management, 802.1X, TLS 1.0/1.1/1.2/1.3, HP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, Secure Disk erase, self-encrypting storage, encrypted PIN printing, Syslog security logging
HP ePrint	Yes

Dimensions (W x D x H)

Product	1390 x 760 x 1080 mm
Shipping	1477 x 767 x 800 mm

Weight

Product	Single-roll: 82 kg, dual-roll: 85 kg
Shipping	Single-roll: 113 kg, dual-roll: 117 kg

Included

What's in the box	HP DesignJet T1600 Printer, printer stand and media bin, spindle(s)[6], printheads, introductory ink cartridges, user guide, power cords
HP Software and solutions	HP Click App, HP App, HP Web Jetadmin, HP Security Manager, HP Click Driver for Windows 11, HP Build Workspace, HP SmartStream (optional)

Environmental ranges

Operating temperature	5 to 35ºC
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55ºC

Acoustics

Sound pressure	Printing: 42 dB(A) (operating), 32 dB(A) (idle), <17 dB(A) (sleep)
Sound power	Printing: ≤5.9 B(A) (operating), 4.9 B(A) (idle), ≤3.5 B(A) (sleep)

Power

Consumption	100 W (printing); <36 W (ready); <10 W (sleep); 0.3 W (off)
Requirements	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max

Certifications & Compliance

Safety	USA and Canada (CSA certified); EU (LVD compliant); Khazakstan (EAC); Ukraine (UA); Singapore (PSB); China (CCC); Mexico; India (BIS)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT
Warranty	Three-year limited hardware warranty

Ordering information

Product

HP DesignJet T1600 Printer Plus Edition series

3EK10D	HP DesignJet T1600 36-in Printer Plus Edition
3EK11D	HP DesignJet T1600 36-in PostScript Printer Plus Edition
3EK12D	HP DesignJet T1600dr 36-in Printer Plus Edition
3EK13D	HP DesignJet T1600dr 36-in PostScript Printer Plus Edition

Accessories

3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
5EK00A	HP HD Pro 2 42-in Scanner
5EK00D	HP HD Pro 2 42-in Scanner
5EK01A	HP SD Pro 2 44-in Scanner
7HC76A	HP DesignJet PostScript/PDF Upgrade Kit
8SW00A	HP SmartStream USB Preflight Manager
8SW00AAE	HP SmartStream Preflight Manager
8SW01A	HP SmartStream Print Controller USB for HP DesignJet Printers
8SW01AAE	HP SmartStream Print Controller for HP DesignJet Printers
CN538A	HP DesignJet 3-in Core Adapter
L4R66A	HP DesignJet 36-in Spindle

Original HP printing supplies

3ED43A	HP 730B 130-ml Photo Black DesignJet Ink Cartridge
3ED44A	HP 730B 130-ml Gray DesignJet Ink Cartridge
3ED45A	HP 730B 130-ml Matte Black DesignJet Ink Cartridge
3ED49A	HP 730B 300-ml Photo Black DesignJet Ink Cartridge
3ED50A	HP 730B 300-ml Gray DesignJet Ink Cartridge
3ED51A	HP 730B 300-ml Matte Black DesignJet Ink Cartridge
B3P06A	HP 727/732 DesignJet Printhead
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
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

Use Original HP inks and 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 https://hp.com/go/OriginalHPinks

Original HP large format printing materials

C6810A HP Bright White Inkjet Paper (FSC® certified)[7] (recyclable)[8] 914 mm x 91.4 m (36 in x 300 ft)
C6980A HP Coated Paper (PEFC™ certified)[7] (recyclable)[8] 914 mm x 91.4 m (36 in x 300 ft)
L5C80A HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[7] (recyclable)[8] 914 mm x 91.4 m (36 in x 300 ft)
D9R28A HP Everyday Matte Polypropylene, 3-in Core 914 mm x 61 m (36 in x 200 ft)
For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

UB8P1E HP 4-year Next Business Day + Defective Media Retention DesignJet T1600 1roll HW Support
UB8T3E HP 4-year Next Business Day + Defective Media Retention DesignJet T1600 2 roll HW Support
UB8P2E HP 5-year Next Business Day + Defective Media Retention DesignJet T1600 1roll HW Support
UB8T4E HP 5-year Next Business Day + Defective Media Retention DesignJet T1600 2 roll HW Support
UB8P3PE HP 1-year Post Warranty Next Business Day + Defective Media Retention DesignJet T1600 1roll HW Support
UB8T5PE HP 1-year Post Warranty Next Business Day + Defective Media Retention DesignJet T1600 2 roll HW Support
UB8P4PE HP 2-year Post Warranty Next Business Day + Defective Media Retention DesignJet T1600 1roll HW Support
UB8T6PE HP 2-year Post Warranty Next Business Day + Defective Media Retention DesignJet T1600 2 roll HW Support

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

Specification Footnotes

[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 23ºC (73ºF), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with Original HP inks
[3] Applicable for dual-roll printers only.
[4] From A4/A to A0/E, with up to 100 A1/D-size capacity.
[5] Based on 4 GB RAM.
[6] Single-roll printers come with one spindle, dual-roll printers come with two spindles.
[7] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org. BMG trademark license code PEFC™/29-31-261, see http://www.pefc.org. HP trademark license code PEFC™/29-31-198, see http://www.pefc.org. Not all FSC®- or PEFC™-certified products are available in all regions.
[8] Can be recycled through commonly available recycling programs.

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