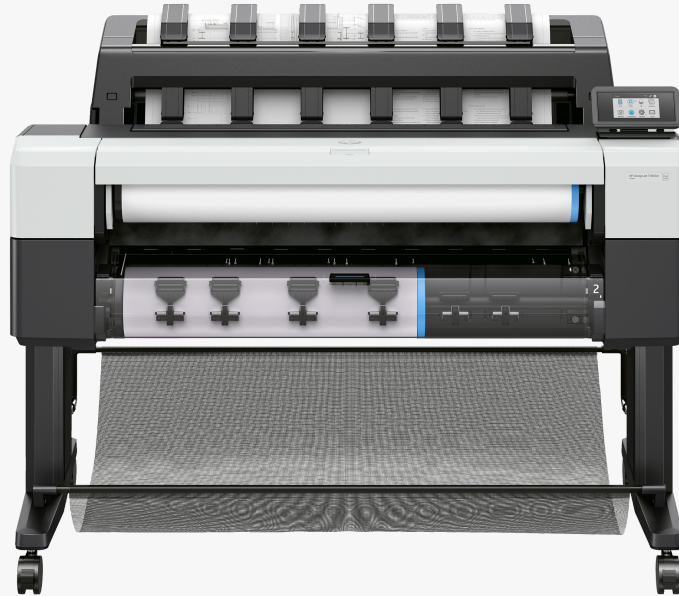


# HP DesignJet T1600 Printer Plus Edition series



Turn design into delivery with the easiest printing experience<sup>1</sup> and world-class security for workgroups



\*Product image may differ from actual product

## SIMPLIFY PRINTING—The easiest printing experience<sup>1</sup> in a compact, quiet design

## MAXIMIZE PRODUCTIVITY—Fast printing and the most advanced print stacking<sup>5</sup>

## TRUSTED PROTECTION—World-class printer protection with HP Wolf Pro Security<sup>9</sup>

- Speed up your printing process with radically simple solutions such as HP Click software and HP Click Driver<sup>2</sup> for the easiest printing experience.<sup>1</sup>
- 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.<sup>3</sup>
- Collaborate on the latest drawing. With HP Build Workspace<sup>4</sup> Version Control, enable QR-linked access to a single, validated version to sync physical drawings with the latest cloud update.

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

- 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

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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 SureColor T5770D published spec of 49.6 dB(A).

<sup>4</sup> HP Build Workspace, the first solution to offer cloud-based AI Vectorization to convert raster drawings into working CAD files, specifically designed for architects.

<sup>5</sup> 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 SureColor SC-T5770DM.

<sup>6</sup> 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® colors, 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>.

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

<sup>8</sup> Dual rolls included with HP DesignJet T1600dr Plus Edition Printer Series only.

<sup>9</sup> 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>



Datasheet

# Technical specifications

## Print

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

## Media

<b>Applications</b>	Line drawings; Maps; Orthophotos; Presentations; Renderings
<b>Handling</b>	Sheet feed, automatic front-loading roll feed, smart roll switching <sup>3</sup> , integrated output stacker <sup>4</sup> , media bin, automatic horizontal cutter
<b>Maximum media width</b>	914 mm
<b>Roll size</b>	279 to 914 mm
<b>Maximum roll weight</b>	11.9 kg
<b>Maximum roll diameter</b>	140 mm
<b>Sheet size</b>	210 x 279 to 914 x 1219 mm
<b>Standard media sizes supported</b>	A4, A3, A2, A1, A0
<b>Media Weight Recommended</b>	60 to 328 g/m <sup>2</sup>
<b>Media thickness (maximum)</b>	Up to 0.8 mm
<b>Media types</b>	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, colored), 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

<b>Memory</b>	128 GB (file processing) <sup>5</sup>
<b>Storage</b>	500 GB self-encrypting
<b>Native print languages</b>	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

<b>Interfaces</b>	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),
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## 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
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

B3P06A	HP 727 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
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

	LPD, IPP, WS print, NTLM v2, SMBv3, SSL/TLS, 8021X authentication (LEAP, PEAP, EAP-TLS), DFS
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### 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)
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### Drivers

	PostScript Printer: HP Click Driver for Windows 11, Raster, PostScript and PDF drivers for Windows, ArPrint for macOS, Non-PostScript Printer: HP Click Driver for Windows 11, Raster drivers for Windows, AirPrint for macOS
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### 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, 8021X, 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
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### HP ePrint

	Yes
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### Dimensions (W x D x H)

<b>Product</b>	1390 x 760 x 1080 mm
<b>Shipping</b>	1477 x 767 x 800 mm
<b>Weight</b>	
<b>Product</b>	Single-roll: 82 kg, dual-roll: 85 kg
<b>Shipping</b>	Single-roll: 113 kg, dual-roll: 117 kg

### Included

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

<b>Operating temperature</b>	5 to 35°C
<b>Operating humidity</b>	20 to 80% RH
<b>Storage temperature</b>	-25 to 55°C

### Acoustics

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

### Power

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

### Certifications & Compliance

<b>Safety</b>	USA and Canada (CSA certified); EU (LVD compliant); Khazakstan (EAC); Ukraine (UA); Singapore (PSB); China (CCC); Mexico; India (BIS)
<b>Electromagnetic</b>	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)
<b>Environmental</b>	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT
<b>Warranty</b>	Two-year limited hardware warranty

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

<b>C6810A</b>	HP Bright White Inkjet Paper (FSC <sup>®</sup> certified) <sup>7</sup> (recyclable) <sup>8</sup> 914 mm x 914 m (36 in x 300 ft)
<b>C6980A</b>	HP Coated Paper (PEFC <sup>™</sup> certified) <sup>7</sup> (recyclable) <sup>8</sup> 914 mm x 914 m (36 in x 300 ft)
<b>L5C80A</b>	HP Universal Heavyweight Coated Paper, 3-in Core (FSC <sup>®</sup> certified) <sup>7</sup> (recyclable) <sup>8</sup> 914 mm x 914 m (36 in x 300 ft)
<b>D9R28A</b>	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 <a href="http://HPLFMedia.com">HPLFMedia.com</a> .

### Service and Support

<b>UB8P0E (1-roll)/UB8T2E (2-roll)</b>	HP 3 year NBD Onsite HW Support with DMR
<b>UB8P1E (1-roll)/UB8T3E (2-roll)</b>	HP 4 year NBD Onsite HW Support with DMR
<b>UB8P2E (1-roll)/UB8T4E (2-roll)</b>	HP 5 year NBD Onsite HW Support with DMR
<b>UB8P3PE (1-roll)/UB8T5PE (2-roll)</b>	HP 1 year Post Warranty NBD Onsite HW Support with DMR
<b>U1XV4EHP</b>	Preventive Maintenance Service
<b>H4518E</b>	HP Installation Service with Network Setup
HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a>	

## Specification Footnotes

- <sup>1</sup> Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.
- <sup>2</sup> ±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
- <sup>3</sup> Applicable for dual-roll printers only.
- <sup>4</sup> From A4/A to A0/E, with up to 100 A1/D-size capacity.
- <sup>5</sup> Based on 4 GB RAM.
- <sup>6</sup> Single-roll printers come with one spindle, dual-roll printers come with two spindles.
- <sup>7</sup> BMG trademark license code FSC<sup>®</sup>-C115319, see <http://www.fsc.org>. HP trademark license code FSC<sup>®</sup>-C017543, see <http://www.fsc.org>. BMG trademark license code PEFC<sup>™</sup>/29-31-261, see <http://www.pefc.org>. HP trademark license code PEFC<sup>™</sup>/29-31-198, see <http://www.pefc.org>. Not all FSC<sup>®</sup>- or PEFC<sup>™</sup>-certified products are available in all regions.
- <sup>8</sup> Can be recycled through commonly available recycling programs.

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