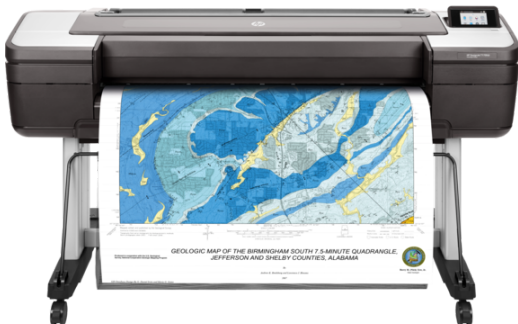# HP DesignJet T1700dr 44-in PostScript Printer (1VD88A)

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.

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[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 https://www.adobe.com/products/pdfprintengine.html

Specifications

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	89.4 kg
Weight	197.1 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
Manufacturer Warranty	One-year limited hardware warranty

Additional specifications

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) (operating), 5.0 B(A) (idle), <3.1 B(A) (sleep)
Acoustic pressure emissions	45 dB(A) (operating), 32 dB(A) (idle), <15 dB(A) (sleep)
Color(s) of printing supplies	Cyan, magenta, yellow, photo black, matte black, gray
Datasheet photo 1	AHID/5a83a30d78aa60a4daec84b71f292f0c0321976b
Dynamic security	Dynamic security enabled printer
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
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]
Maximum Memory	128 GB (virtual)
Maximum optical density (black)	2.15 maximum black optical density (6 L*min)
Media sizes standard (metric rolls)	279 to 1118-mm
Media sizes standard (sheets, rolls)	11 to 44-in
Media sizes supported	A4, A3, A2, A1, A0
Media sizes supported	A, B, C, D, E
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 (metric)	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/m²
Media width, maximum	44 in
Media width, maximum	1118 mm

Memory	128 GB (virtual)[3] *(Based on 4 GB DDR3 RAM)*
Model size	44 in
Model size	1118 mm
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	5 to 40ºC
Operating temperature range	41 to 104ºF
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	282 lb
Package weight	128 kg
Playbook TS icon dimensions AiO	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png
Power	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max
Print Technology	Ink
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 A1/hr, 26 sec/A1[1]
Print speed	116 D/hr, 26 sec/D[1]
Print technology	HP Thermal Inkjet
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; Adobe PostScript 3; ENERGY STAR; EPEAT green; IPv6 Ready; Mac; 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	11.9 kg
Roll maximum weight	26.3 lb
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)
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	-25 to 55ºC
Storage temperature range	-13 to 131ºF
Supported Primary Applications	Line drawings; Maps; Orthophotos; Presentations; Renderings
Technology logo 1	AHID/0b758bb9d473d7d543926389e03e7261ecd69a52
Technology logo 2	AHID/37ef85532914cb31e963407db6c25f3d4602df24
Technology logo 3	AHID/cd33e848211911e4369b10008531951b0aa3cde7
Technology logo 4	AHID/c51bf05ff1023abad6fda02c5a970763b91946f4
Technology logo 5	AHID/6615658f92b8dd21f3c5b78f3bea628bd257123b
Technology logo 6	AHID/0e41ea2a916263d4c3403cc03016fcaae7311969
Technology logo 7	AHID/f9224d96cd827cf0ee4e062d349e8f701d1eb6d9
Theoretical minimum line width	0.02 mm (PDF addressable @ 1200 dpi)
Theoretical minimum line width	0.0008 in (PDF addressable @ 1200 dpi)
UNSPSC code	43212104
UPC number	(ABG) 191628122202; (ACJ) 196068887445; (B19) 191628122172; (B1K) 191628122189; (BCD) 191628122196
Web address for additional information	http://www.hp.com/go/designjett1700

Ink/Toner/Paper/Printer Supplies

Ink Supplies

★ : Recommended

HP Graphic Arts Inks/Printheads

HP 730 130-ml Cyan DesignJet Ink Cartridge	P2V62A
HP 730 130-ml Gray DesignJet Ink Cartridge	P2V66A
HP 730 130-ml Magenta DesignJet Ink Cartridge	P2V63A
HP 730 130-ml Matte Black DesignJet Ink Cartridge	P2V65A
HP 730 130-ml Photo Black DesignJet Ink Cartridge	P2V67A
HP 730 130-ml Yellow DesignJet Ink Cartridge	P2V64A
HP 730 300-ml Cyan DesignJet Ink Cartridge	P2V68A
HP 730 300-ml Gray DesignJet Ink Cartridge	P2V72A
HP 730 300-ml Magenta DesignJet Ink Cartridge	P2V69A
HP 730 300-ml Matte Black DesignJet Ink Cartridge	P2V71A
HP 730 300-ml Photo Black DesignJet Ink Cartridge	P2V73A
HP 730 300-ml Yellow DesignJet Ink Cartridge	P2V70A
HP 730B 130-ml Cyan DesignJet Ink Cartridge	3ED42A
HP 730B 130-ml Gray DesignJet Ink Cartridge	3ED44A
HP 730B 130-ml Magenta DesignJet Ink Cartridge	3ED41A
HP 730B 130-ml Matte Black DesignJet Ink Cartridge	3ED45A
HP 730B 130-ml Photo Black DesignJet Ink Cartridge	3ED43A
HP 730B 130-ml Yellow DesignJet Ink Cartridge	3ED40A
HP 730B 300-ml Cyan DesignJet Ink Cartridge	3ED48A
HP 730B 300-ml Gray DesignJet Ink Cartridge	3ED50A
HP 730B 300-ml Magenta DesignJet Ink Cartridge	3ED47A
HP 730B 300-ml Matte Black DesignJet Ink Cartridge	3ED51A
HP 730B 300-ml Photo Black DesignJet Ink Cartridge	3ED49A
HP 730B 300-ml Yellow DesignJet Ink Cartridge	3ED46A
HP 731 DesignJet Printhead	P2V27A

Accessories

Paper Handling

Roll Core Adapters

HP DesignJet 3-in Core Adapter	CN538A

Spindles

HP DesignJet 44-in Spindle	Q6709A

Postscript/PCL5 Emulations

Postscript/PCL5 Emulations

HP DesignJet PostScript/PDF Upgrade Kit	7HC76A

Network Print Servers

External Print Servers

HP Jetdirect 3100w BLE/NFC/Wireless Accessory	3JN69A

Solutions

HP DesignJet Printing Solutions

★ : Recommended

DesignJet Printing Solutions

HP DesignJet Printing Solutions	HPDJSOL

Scanners/Copiers/Faxes

Scanners

Large Format Scanners

HP HD Pro 2 42-in Scanner	5EK00A
HP HD Pro 2 42-in Scanner	5EK00D
HP SD Pro 2 44-in Scanner	5EK01A
HP SD Pro 2 44-in Scanner	5EK01D
HP SD Pro 44-in Scanner	G6H50B
HP SD Pro 44-in Scanner	G6H50D

Software

Printing and Imaging Software

★ : Recommended

Printer Management Software

HP SmartStream Preflight Manager	8SW00AAE
HP SmartStream Print Controller USB for HP DesignJet Printers	8SW01A
HP SmartStream Print Controller for HP DesignJet Printers	8SW01AAE
HP SmartStream USB Preflight Manager	8SW00A
HP SmartTracker USB for DesignJet	8SW11A
HP SmartTracker for DesignJet	8SW11AAE

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