



# HP DesignJet T1700 44-in PostScript Printer (1VD87A)



## 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<sup>[2]</sup>, 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<sup>[2]</sup> 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

<b>Print quality color (best)</b>	Up to 2400 x 1200 optimized dpi
<b>Functions</b>	Print
<b>Connectivity, standard</b>	Ethernet, Fast Ethernet, Gigabit Ethernet, 10/100/1000Base-T Ethernet (802.3, 802.3u, 802.3ab); USB Type-A host port
<b>Connectivity, optional</b>	HP USB 3.0 to Gigabit LAN Adapter
<b>Mobile printing capability</b>	Direct print from mobile apps on iOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for iOS and Android
<b>Software included</b>	HP Click, HP Utility for Mac and Windows, HP WebJet Admin, HP Embedded Web Server, HP JetAdvantage Security Manager, HP Partner Link, HP MPS
<b>Energy star certified</b>	Yes
<b>Minimum dimensions (W x D x H)</b>	1802 x 695 x 998 mm
<b>Minimum dimensions (W x D x H)</b>	70.9 x 27.4 x 39.3 in
<b>Weight</b>	88.9 kg
<b>Weight</b>	196 lb
<b>Power consumption</b>	< 100 W (printing); < 24 W (ready); < 0.3 W (< 6.5 W with embedded Digital Front End) (sleep); 0.1 W (off)
<b>Environmental certification</b>	ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT Silver
<b>What's in the box</b>	HP DesignJet T1700 Printer, printheads, ink cartridges, printer stand, spindle, setup poster, introductory information, warranty, power cords, label kits
<b>Manufacturer Warranty</b>	One-year limited hardware warranty

## Additional specifications

<b>Accessories</b>	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
<b>Acoustic power emissions (active, printing)</b>	6.1 B(A) (operating), 5.0 B(A) (idle), <3.1 B(A) (sleep)
<b>Acoustic pressure emissions</b>	45 dB(A) (operating), 32 dB(A) (idle), <15 dB(A) (sleep)
<b>Color(s) of printing supplies</b>	Cyan, magenta, yellow, photo black, matte black, gray
<b>Datasheet photo 1</b>	AHID/5a83a30d78aa60a4daec84b71f292f0c0321976b
<b>Dynamic security</b>	Dynamic security enabled printer
<b>Electromagnetic compatibility</b>	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)
<b>Finished output handling</b>	Sheet feed, roll feed, automatic horizontal cutter
<b>HP ePrint capability</b>	Yes
<b>Ink drop</b>	6 pl
<b>Ink types</b>	Dye-based (C, M, Y, PK, G); pigment-based (MK)
<b>Internal Storage</b>	500 GB self-encrypting
<b>Line accuracy</b>	±0.1%[2]
<b>Maximum Memory</b>	128 GB (virtual)
<b>Maximum optical density (black)</b>	2.15 maximum black optical density (6 L*min)
<b>Media sizes standard (metric rolls)</b>	279 to 1118-mm
<b>Media sizes standard (sheets, rolls)</b>	11 to 44-in
<b>Media sizes supported</b>	A4, A3, A2, A1, A0
<b>Media sizes supported</b>	A, B, C, D, E
<b>Media sizes, custom</b>	210 x 279 to 1118 x 1676 mm
<b>Media sizes, custom</b>	8.3 x 11 to 44 x 66 in
<b>Media thickness</b>	Up to 31.5 mil
<b>Media thickness (metric)</b>	Up to 0.8 mm
<b>Media types</b>	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)
<b>Media weight, recommended</b>	60 to 328 g/m <sup>2</sup>
<b>Media width, maximum</b>	44 in
<b>Media width, maximum</b>	1118 mm

<b>Memory</b>	128 GB (virtual)[3] (Based on 4 GB DDR3 RAM)
<b>Model size</b>	44 in
<b>Model size</b>	1118 mm
<b>Network ready</b>	Standard
<b>Non-Operating Humidity Range</b>	0 to 90% RH
<b>Non-printable area (cut-sheet)</b>	3 x 17 x 3 x 3 mm
<b>Non-printable area (cut-sheet)</b>	0.12 x 0.67 x 0.12 x 0.12 in
<b>Non-printable area (roll media)</b>	0.12 x 0.12 x 0.12 x 0.12 in
<b>Non-printable area (roll media)</b>	3 x 3 x 3 x 3 mm
<b>Number of print cartridges</b>	6 (cyan, magenta, yellow, photo black, matte black, gray)
<b>Operating humidity range</b>	20 to 80% RH
<b>Operating temperature range</b>	5 to 40°C
<b>Operating temperature range</b>	41 to 104°F
<b>Package dimensions (W x D x H)</b>	77 x 30.3 x 28 in
<b>Package dimensions (W x D x H)</b>	1955 x 770 x 710 mm
<b>Package weight</b>	278 lb
<b>Package weight</b>	126 kg
<b>Playbook TS icon dimensions AiO</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png</a>
<b>Power</b>	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max
<b>Print Technology</b>	Ink
<b>Print cartridge volume delivered</b>	Cyan, magenta, yellow, photo black, matte black, gray (300 ml); Cyan, magenta, yellow, photo black, matte black, gray (130 ml)
<b>Print head nozzles</b>	2112 each color
<b>Print heads</b>	3 universal printheads, 2 colors each
<b>Print languages</b>	Adobe PostScript 3, Adobe PDF 1.7 ext 3, HP-GL/2, TIFF, JPEG, URF, CALS G4
<b>Print speed</b>	116 A1/hr, 26 sec/A1[1]
<b>Print speed</b>	116 D/hr, 26 sec/D[1]
<b>Print technology</b>	HP Thermal Inkjet
<b>Printer drivers included</b>	Raster drivers for Windows and macOS; PostScript and PDF Windows drivers and macOS PostScript driver
<b>Printing path</b>	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
<b>Product logos</b>	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**

1

**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, Khazakistan (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 55°C

**Storage temperature range**

-13 to 131°F

**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**

43212107

**UPC number**

(ABG) 191628121991; (ACJ) 196068887438; (B19) 191628121960; (B1K) 191628121977; (BCD) 191628121984

**Web address for additional information**

<http://www.hp.com/go/designjett1700>

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# 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

★ : Recommended

#### 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
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## Scanners/Copiers/Faxes

### Scanners

★ : Recommended

#### 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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