



# HP DesignJet SD Pro MFP

Highly productive 44-in MFP for fast and detailed document reproduction



## Detailed document reproduction with CIS technology

- Scan and copy everyday documents and maps at high speeds without fringing, using advanced CIS technology.
- Eliminate unwanted shadows and backgrounds with the dual-illuminating system in CIS technology.
- Produce high-quality results with crisp text, scan resolution up to 1200 dpi, copy resolution up to 2400 dpi.
- Create large-format color and black-and-white scans and copies up to 44-inches (1118-mm) wide.

## A fast SD scanner designed to streamline workflows

- Scan fast—up to 6 inches (152 mm) per second in color and 13 inches (330 mm) per second in black-and-white.
- Accelerate workflows. Save scans as PDF, TIFF, JPEG, or DWF files. Do batch scanning. Create multipage PDFs.
- Share images. Scan to email, USB, network—or print with the HP DesignJet T1700dr 44-in PostScript® Printer.
- Preview and enhance images using the large 15.6-inch (396-mm) touchscreen all-in-one PC.

## Reliable dual-roll 44-in PostScript® printer

- Print on different paper types and sizes seamlessly, and save time using two rolls with smart switching.
- Rely on Adobe PDF drivers to free up your computer immediately after sending to print—even for complex files.
- Handle complex files—powerful processing architecture<sup>1</sup>, 128 GB memory<sup>2</sup>, 500 GB HDD at 116 A1/D pgs/hr.
- Protect unauthorized access to printers/ data with HP Secure Boot, whitelisting<sup>3</sup>, encrypted hard disk, more.

For more information, please visit [hp.com/go/DesignJetSDProMFP](http://hp.com/go/DesignJetSDProMFP)

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

<sup>2</sup> Based on 4 GB DDR3 RAM.

<sup>3</sup> Whitelisting to be available after printer introduction

# Technical specifications

## HP DesignJet T1700dr 44-in PostScript® printer

<b>Print</b>	Line drawings <sup>4</sup>	26 sec/page on A1/D, 116 A1/D prints per hour
	Print resolution	Up to 2400 x 1200 optimized dpi
	Margins (top x bottom x left x right)	Roll: 0.1 x 0.1 x 0.1 x 0.1 in (3 x 3 x 3 x 3 mm) Sheet: 0.1 x 0.67 x 0.1 x 0.1 in (3 x 17 x 3 x 3 mm)
	Technology	HP Thermal Inkjet
	Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)
	Ink drop	6 pl
	Printheads	3 universal printheads, 2 colors each: mK-Y / C-M / G-pK
	Printhead nozzles	2112 each color
	Line accuracy	± 0.1% <sup>5</sup>
	Minimum line width	0.0008 in (0.02 mm) (PDF addressable @ 1200 dpi)
<b>Media</b>	Handling	Sheet feed, roll feed, automatic cutter
	Size	Rolls: 11 to 44 in (279 to 1118 mm) Sheets: 8.3 x 11 to 44 x 66 in (210 x 279 to 1118 x 1676 mm) Standard sheets: A, B, C, D, E (A4, A3, A2, A1, A0)
	Thickness	Up to 31.5 mil (0.8 mm)
<b>Applications</b>	Line drawings, Renderings, Presentations, Maps, Orthophotos	
<b>Memory</b>	Physical RAM memory: 4GB Virtual <sup>6</sup> : 128 GB HDD: 500GB Self Encrypted hard disk (AES-256 Encrypted)	
<b>Connectivity</b>	Interfaces	Ethernet, Fast Ethernet, Gigabit Ethernet, 10/100/1000Base-T Ethernet (802.3, 802.3u, 802.3ab); USB Type-A host port
	Print languages	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
	Printing paths	HP driver for Windows and MacOS X, direct printing from USB flash drive, email printing, HP Smart app, HP Click printing software, HP Print Service for Android, Apple AirPrint driver
	Drivers (included)	Basic Printer: Raster drivers for Windows and MacOS PostScript Printer: Raster drivers for Windows and MacOS; PostScript and PDF Windows drivers and MacOS PostScript driver
<b>Security features</b>	HP Secure Boot, Whitelisting <sup>7</sup> , Secure-IP, IPsec/Firewall, Certificates management, 802.1X, TLS 1.0/1.1/1.2, HP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, self-encrypting HDD, PIN printing	
<b>Acoustic</b>	Sound pressure: 45 dB(A) (printing); 32 dB(A) (ready); < 15 dB(A) (sleep) Sound power: 6.1 B(A) (printing); 5.0 B(A) (ready); < 3.1 B(A) (sleep)	
<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) Input voltage (auto ranging) 100-240 V (± 10%), 50/60 Hz (± 3 Hz), 2 A max	
<b>Certification</b>	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

## HP SD Pro Scanner (CIS scan technology)

<b>Scan and copy</b>	Scan speed	Color: up to 15 cm/sec (6 in/sec) Grayscale: up to 33 cm/sec (13 in/sec)
	Enhanced resolution	9600 dpi
	Optical resolution	1200 dpi
	Maximum scan width	1118 mm (44 in)
	Scan input modes	On the touchscreen (15.6in size): scan preview, scan to file, scan to email, scan to USB, scan to print, scan to FTP, copy, batch scanning, batch copying, collate copy, copy to simultaneous printers
<b>Media</b>	Handling	Straight-through scan paper path for sheet and cardboard originals
	Size	Up to 1168 mm (46 in) wide
	Thickness	Up to 2 mm (0.08 in)
<b>Memory</b>	Scanner	4 GB memory, 500 GB hard disk
<b>Connectivity</b>	Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 3.0 certified,
<b>Acoustic</b>	Sound pressure	62 dB(A) (scanning); 30 dB(A) (ready); 30 dB(A) (sleep)
	Sound power	6.4 B(A) (scanning); 3.3 B(A) (ready); 3.3 B(A) (sleep)
<b>Power</b>	Consumption	47 watts (scanning); 32 watts (ready); 1.8 watts (sleep)
	Requirements	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz, 5 A max
<b>Certification</b>	Safety	USA and Canada (UL certified); EU (LVD and EN 60950-1 compliant); Russia (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KC)
	Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (MSIP), Russia (EAC)
	Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze

## Others Details

<b>Dimensions (w x d x h)</b>	Printer	1802 x 695 x 998 mm (70.9 x 27.4 x 39.3 in)
	Scanner	1530 x 930 x 1660 mm (60 x 37 x 65 in)
	Shipping	1950 x 766 x 1260 (77.8 x 30.2 x 49.6 in)

<sup>4</sup> Mechanical printing time. Printed in Fast mode with EconoMode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.

<sup>5</sup> ± 0.1% of the specified vector length or ± 0.0008 in (whichever greater) at 73°F (23°C), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with Original HP inks.

<sup>6</sup> Based on 4 GB DDR3 RAM.

<sup>7</sup> Whitelisting to be available after printer introduction

<sup>8</sup> Only available in Australia, New Zealand, India, Japan, South Korea, Taiwan and Hong Kong



<b>Weight</b>	Printer	74 kg (163 lb)
	Scanner	85 Kg (187 lb)
	Shipping	213 Kg (470 lb)
<b>What's in the box</b>	Printer: HP DesignJet T1700dr 44-in PostScript Printer; printheads; introductory ink cartridges; printer stand; spindle; quick reference guide; setup poster; startup software; power cord Scanner: HP SD Pro Scanner; stand; touchscreen (panel PC); quick reference guide; setup poster; copy/scan software; documentation software; Ethernet cables (x2); power cords	
<b>Environmental ranges</b>	Operating temperature	5 to 40°C (41 to 104°F)
	Storage temperature	-25 to 55°C (-13 to 131°F)
	Operating humidity	20 to 80% RH
<b>Warranty</b>	One-year limited hardware warranty	

# Ordering information

<b>Product</b>	1GY94A	HP DesignJet SD Pro MFP
<b>Printer Accessories</b>	Q6709A	HP DesignJet 44-inch Roll Feed Spindle
	CN538A	HP DesignJet 3-in Core Adapter
<b>Original HP printheads</b>	P2V27A	HP 731 DesignJet Printhead
<b>Original HP ink cartridges</b>	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
	P2V73A	HP 730 300-ml Photo Black DesignJet Ink Cartridge
<b>Original HP large format printing materials</b>	C6810A	HP Bright White Inkjet Paper (FSC® certified) <sup>8</sup> 36 in x 300 ft (914 mm x 91.4 m)
	C6569C	HP Heavyweight Coated Paper <sup>9</sup> 42 in x 100 ft (1067 mm x 30.5 m)
	Q6581A	HP Universal Instant-dry Satin Photo Paper (FSC® certified) <sup>8</sup> 42 in x 100 ft (1067 mm x 30.5 m)
	Q1406B	HP Universal Coated Paper (FSC® certified) <sup>8</sup> 42 in x 150 ft (1067 mm x 45.7 m)
<b>Service and Support</b>	U7VCOE	HP Installation Service for DesignJet Series High Level
	U7UM8E	HP 2 year Next Business Day plus Defective Media Retention Support
	U7UM9E	HP 3 year Next Business Day plus Defective Media Retention Support
	U7UN0E	HP 4 year Next Business Day plus Defective Media Retention Support
	U7UN1E	HP 5 year Next Business Day plus Defective Media Retention Support
	U7UN2PE	HP 1 year Post Warranty Next Business Day plus Defective Media Retention Support
	U7UN3PE	HP 2 year Post Warranty Next Business Day plus Defective Media Retention Support
	U1XV4E	HP Preventive Maintenance Service

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](http://hp.com/go/DesignJetsupport).

Use Original HP inks and printheads 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 to provide precise line accuracy as well as dark blacks and true neutral grays.<sup>7</sup>

For more information, visit [hp.com/go/OriginalHPInks](http://hp.com/go/OriginalHPInks).

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://HPLFMedia.com).

## Eco Highlights

- ENERGY STAR® certified<sup>1</sup> and EPEAT® Silver registered<sup>2</sup>
- Free, convenient HP ink cartridge recycling<sup>3</sup>
- FSC®-certified papers<sup>4</sup> and a range of recyclable HP media with a take-back program<sup>5</sup>
- Designed with the environment in mind—made from 30% post-consumer recycled plastic

<sup>1</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.  
<sup>2</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.  
<sup>3</sup> Program availability varies. Please check [www.hp.com/recycle](http://www.hp.com/recycle) for details.  
<sup>4</sup> BMG trademark license code FSC®-C115319, see [fsc.org](http://fsc.org). HP trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). Not all FSC®-certified products are available in all regions.  
<sup>5</sup> Many HP printing materials are recyclable through commonly available recycling programs. For information about HP large format printing materials, please visit [HPLFMedia.com](http://HPLFMedia.com).

**Please recycle large-format printing hardware and printing supplies.**

**Find out how at our website**

[hp.com/ecosolutions](http://hp.com/ecosolutions)

NOTES:

-As an ENERGY STAR® Partner, HP Development Company, L.P., qualified these models as meeting the ENERGY STAR energy efficiency criteria through an EPA recognized certification body.

-These models are EPEAT registered at the Bronze level under Imaging Equipment category. See [epeat.net](http://epeat.net) for registration status by country.

