



HP DesignJet SD Pro 2 44-in 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 wide.

A fast SD scanner designed to streamline workflows

- Scan fast—up to 9 inches/sec in color and 18 inches/sec in grayscale.
- 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 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,¹ 128 GB memory,² 500 GB HDD, at 116 A1/D pages/hr.
- Protect unauthorized access to printers/data with HP Secure Boot, whitelisting, encrypted hard disk, more.

For more information, please visit <http://www.hp.com/go/designjetsdpromfp>

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

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

² Based on 4 GB DDR3 RAM.

Technical specifications

Print	
Print speed	116 D/hr; 26 sec/D ¹
Print resolution	Up to 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, M, Y, PK, G); pigment-based (MK)
Ink drop	6 pl
Printheads	3 universal printheads, 2 colors each
Printhead nozzles	2112 each color
Line accuracy	±0.1% ²
Minimum linewidth	0.0008 in (PDF addressable @ 1200 dpi)
Max optical density	2.15 maximum black optical density (6 L/min)
Multifunction capabilities	
Scan speed	Color: up to 9 in/sec Grayscale: up to 18 in/sec ³
Scan resolution	1200 dpi
Technology	CS scanning technology
Scan format	PDF, PDF/A, TIFF, JPEG, JPEG2000, DWF, multi-page PDF generation
Scan destinations	File, email, USB, HDD, network folder, FTP, print
Thickness	0.08 in
Media	
Handling	Printer: Sheet feed, two automatic roll feeds, automatic roll-switching, mediabin, automatic horizontal cutter Scanner: Straight-through scan paper path for sheet and cardboard originals. Face-up, front entry, rear exit, rewind to front, use document return guide for front-return.
Roll size	11 to 44 in
Sheet size	8.3 x 11 to 44 x 66 in
Standard sheets	A, B, C, D, E
Grammage	60 to 328 g/m ²
Thickness	Up to 31.5 mil
Applications	
	Line drawings; Maps; Orthophotos; Presentations; Renderings
Memory	Printer: 128 GB file processing (based on 4 GB RAM); Scanner: 8 GB DDR4
Hard disk	Printer: 500 GB self-encrypting; Scanner: 256 GB
Connectivity	
Interfaces	Printer: Gigabit Ethernet (1000Base-T) (802.3, 802.3u, 802.3ab), USB Type-A host port; Scanner: Gigabit Ethernet (1000Base-T), USB 3.1 gen 1 (3+1) and USB 2.0 (1) rear
Native print languages	Adobe PostScript 3, Adobe PDF 1.7 ext 3, HP-GL/2, TIFF, JPEG, URF, CALS G4
Printing paths	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
Drivers	Printer: Raster drivers for Windows and macOS, PostScript and PDF Windows drivers and macOS PostScript driver Scanner: Windows drivers for compatible HP PageWide XL and HP DesignJet Printers
Security features	
	HP Secure Boot, Whitelisting, Role Based Access Control, SNMPv3, HTTPS, Secure-IP, 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
Dimensions (w x d x h)	
Printer	Printer: 70.9 x 27.4 x 39.3 in Scanner: 60 x 37 x 65 in
Shipping	77.8 x 30.2 x 49.6 in
Weight	
Printer	Printer: 163 lb Scanner: 132 lb
Shipping	470 lb
What's in the box	
	Printer: HP DesignJet T1700dr 44-in PostScript Printer, printheads, ink cartridges, printer stand, spindles (x2), setup poster, introductory information, warranty, power cords, label kits; Scanner: HP SD Pro 2 44-in Scanner, stand, touchscreen (panel PC), quick reference guide, media guides, setup poster, copy/scan software, documentation software, Ethernet cable, USB cable, power cords
HP Software and solutions	
	HP Click, HP Utility for Mac and Windows, HP Web Jet Admin, HP Embedded Web Server, HP JetAdvantage Security Manager, HP Partner Link, HP MPS, integrated software with scan and copy enhancement features
Environmental ranges	
Operating temperature	41 to 104°F
Operating humidity	20 to 80% RH
Storage temperature	-13 to 131°F
Acoustics	
Sound pressure	Printer: 45 dB(A) (operating), 32 dB(A) (idle), <15 dB(A) (sleep); Scanner: 62 dB(A) (operating), <30 dB(A) (idle), <30 dB(A) (sleep)
Sound power	Printer: 6.1 B(A) (operating), 5.0 B(A) (idle), <3.1 B(A) (sleep); Scanner: 6.4 B(A) (operating), <3.3 B(A) (idle), <3.3 B(A) (sleep)
Power	
Consumption	Printer: <100 W (printing); <24 W (ready); <6.5 W (sleep); 0.1 W (off); Scanner: 47 W (scanning); 32 W (ready); 1.8 W (sleep)
Requirements	Printer: Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max; Scanner: Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz, 5 A max

Certification

Safety	Printer: USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Kazakhstan (EAC), Singapore (PSB), China (CCC), Argentina (RAM); India (BIS); Scanner: USA and Canada (UL certified); EU (LVD and EN 60950-1 compliant), Russia (EAC), Singapore (PSB), China (CCC), Argentina (RAM), Mexico (NYPE), Korea (KC)
Electromagnetic	Printer: Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KC), South Africa (SABS); Scanner: 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	Printer: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT; Scanner: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT
Warranty	One-year limited hardware warranty

Ordering information

Product	
1GY94E	HP DesignJet SD Pro 2 44-in MFP
Accessories	
3JN69A	HP Jetdirect 3100w BLE/NFC Wireless Accessory
CNS38A	HP DesignJet 3-in Core Adapter
N7P47AA	HP USB 3.0 to Gigabit LAN Adapter
P7V13A	HP Pro Scanner Output Delivery Tray
Q6709A	HP DesignJet 44-in Spindle
Original HP printing supplies	

P2V27A	HP 731 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
P2V73A	HP 730 300-ml Photo Black 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 hp.com/go/OriginalHPInks.

Original HP large format printing materials

HP Bright White Inkjet Paper (FSC® certified) ⁴ (Recyclable) ⁵
HP Heavyweight Coated Paper (Recyclable) ⁵
HP Universal Instant-dry Satin Photo Paper (FSC® certified) ⁴ (Recyclable) ⁵
HP Universal Coated Paper (FSC® certified) ⁴ (Recyclable) ⁵

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

H4518E	HP Network Installation Service
U7UM8E	HP 2 years Next Business Day Onsite Support
U7UM9E	HP 3 years Next Business Day Onsite Support
U7UN0E	HP 4 years Next Business Day Onsite Support
U7UN1E	HP 5 years Next Business Day Onsite Support
U7UN2PE	HP 1 year Post Warranty Next Business Day Onsite Support
U7UN3PE	HP 2 years Post Warranty Next Business Day Onsite 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/epc>

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 23°C (73°F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with HP Bright Office Inks.
³ Color scanning: A1/D fully-inked color image at 200 dpi, 24-bit RGB. Grayscale scanning: A1/D image with black text graphics at 200 dpi.
⁴ BMG trademark license code FSC® C115319, see <http://www.fsc.org>. HP trademark license code FSC® C017543, see <http://www.fsc.org>. Not all FSC® certified products are available in all regions.
⁵ Recyclable HP papers can be recycled through common recycling programs, or according to region-specific practices, or can be returned through the HP Large Format Media take-back program. Recycling programs may not exist in your area. See <http://www.HPLFMedia.com/hp/eco/solutions> for details.

