HP DesignJet SD Pro 2 44-in MFP (1GY94E)

Overview

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

Quickly print and scan documents, maps, and drawings with the HP DesignJet SD Pro 2 MFP. See high-quality results at fast speeds. Accelerate workflows and handle even the most complex files with this reliable, secure printer.

Detailed document reproduction with CIS technology

Scan and copy everyday documents and maps at high speeds without fringing, using advanced CIS technology.

Reliable dual-roll 44-in PostScript® printer

Print on different paper types and sizes seamlessly, and save time using two rolls with smart switching.

A fast SD scanner designed to streamline workflows

Scan fast—up to 9 inches/sec (22.8 cm/sec) in color and 18 inches/sec (45.7 cm/sec) in grayscale.

Specifications

Print quality color (best)	Up to 2400 x 1200 optimized dpi
Functions	Print, copy, scan
Connectivity, standard	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
Connectivity, optional	Printer: HP USB 3.0 to Gigabit LAN Adapter
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, integrated software with scan and copy enhancement features
Energy star certified	No
Scan file format	PDF, PDF/A, TIFF, JPEG, JPEG2000, DWF, multi-page PDF generation
Scan input modes	File, email, USB, HDD, network folder, FTP, print
Scanner type	CIS scanning technology
Minimum dimensions (W x D x H)	Printer: 1802 x 695 x 998 mm; Scanner: 1530 x 930 x 1660 mm
Minimum dimensions (W x D x H)	Printer: 70.9 x 27.4 x 39.3 in; Scanner: 60 x 37 x 65 in
Weight	Printer: 74 kg; Scanner: 60 kg
Weight	Printer: 163 lb; Scanner: 132 lb
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)
Environmental certification	Printer: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT; Scanner: ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT
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, maintenance sheet, copy/scan software, documentation software, Ethernet cable, USB cable, power cords
Manufacturer Warranty	One-year limited hardware warranty

Additional specifications

Acoustic power emissions (active, printing)	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)
Acoustic pressure emissions	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)
Color(s) of printing supplies	Cyan, magenta, yellow, photo black, matte black, gray
Copier settings	Print mode, output size, paper type, copies, page order, collate, printer output destination (folder, stacker, bin), folding style selection (only available when folder accessory is available and supported by the HP large-format printer), paneling, tiling, nesting, reprint
Copy reduce / enlarge settings	1 to 10000%
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	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 (KCC), 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)
Finished output handling	Printer: Sheet feed, two automatic roll feeds, automatic roll-switching, media bin, 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.
HP ePrint capability	Yes
Ink drop	6 pl
Ink types	Dye-based (C, M, Y, PK, G); pigment-based (MK)
Interface	15.6" (396-mm) large touchscreen to preview and enhance images
Internal Storage	Printer: 500 GB self-encrypting; Scanner: 256 GB SSD
Line accuracy	±0.1%[2]
Linear scan speed	Color: up to 9 in/sec; Grayscale: up to 18 in/sec[3]
Linear scan speed	Color: up to 22.8 cm/sec; Grayscale: up to 45.7 cm/sec[3]
Maximum media thickness	2 mm
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	A, B, C, D, E
Media sizes supported	A4, A3, A2, A1, A0
Media sizes, custom	8.3 x 11 to 44 x 66 in
Media sizes, custom	210 x 279 to 1118 x 1676 mm

Media thickness	0.08 in
Media thickness	Up to 31.5 mil
Media thickness (metric)	Up to 0.8 mm
Media types	Printer: 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); Scanner: Non-abrasive paper, sepia, blueprints, plastic, plastic laminate, foam board, cardboard, newspaper (no plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies)
Media weight, recommended	60 to 328 g/m²
Media width, maximum	44 in
Media width, maximum	1118 mm
Memory	Printer: 128 GB file processing (based on 4 GB RAM); Scanner: 8 GB DDR4
Model size	44 in
Model size	1118 mm
Network ready	Standard
Non-Operating Humidity Range	0 to 90% RH
Number of print cartridges	6 (C, M, Y, G, pK, mK)
Operating humidity range	20 to 80% RH
Operating temperature range	5 to 40°C
Operating temperature range	41 to 104ºF
Package dimensions (W x D x H)	77.8 x 30.2 x 49.6 in
Package dimensions (W x D x H)	1950 x 766 x 1260 mm
Package weight	470 lb
Package weight	213 kg
Playbook TS icon dimensions AiO	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png
Power	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
Print Technology	Ink
Print cartridge volume delivered	300 ml (C, M, Y, G, pK, mK); 130 ml (C, M, Y, G, pK, mK)
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	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
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 4; Adobe PostScript 3; ENERGY STAR; EPEAT; Gold IPv6 Ready; Intel Inside Core i5; Mac; PANTONE* Digital Color; Windows 10 Compatible
Recommended media	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]
Roll external diameter	135 mm
Roll external diameter	5.3 in
Roll maximum input	2
Roll maximum weight	26.3 lb
Roll maximum weight	11.9 kg
Safety	Printer: USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Khazakstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS); Scanner: USA and Canada (UL certified), EU (LVD and EN 60950-1 compliant), Russia (EAC), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE), Korea (KC)
Scan resolution, optical	1200 dpi
Scan size, maximum	44 in
Scan size, maximum	1118 mm
Scan size, minimum	6 x 4.5 in
Scan size, minimum	152 x 114 mm
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
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) 196786156304; (ACJ) 196786156328; (B1K) 196786156342; (BCD) 196786156366
Web address for additional information	http://www.hp.com/go/DesignJet-SD-Pro-2-MFP

Ink/Toner/Paper/Printer Supplies

Ink Supplies

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 730F 300-ml Cyan DesignJet Ink Cartridge	1XB27A
HP 730F 300-ml Gray DesignJet Ink Cartridge	1XB29A
HP 730F 300-ml Magenta DesignJet Ink Cartridge	1XB26A
HP 730F 300-ml Matte Black DesignJet Ink Cartridge	1XB30A
HP 730F 300-ml Photo Black DesignJet Ink Cartridge	1XB28A
HP 730F 300-ml Yellow DesignJet Ink Cartridge	1XB25A

Accessories

Paper Handling

Roll Core Adapters

HP DesignJet 3-in Core Adapter	CN538A

Spindles

HP DesignJet 44-in Spindle	Q6709A

Output Trays and Stackers

HP Pro Scanner Output Delivery Tray	P7V13A

Network Print Servers

External Print Servers

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

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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