



## HP Designjet T1120 SD-MFP

A trusted choice for demanding professionals



### New affordable, easy-to-use integrated HP MFP

#### Fast, intuitive operation improves user efficiency

- Avoid the back and forth between devices. Easily perform key functions—such as copy, scan to USB or network, and file management—from the scanner touchscreen interface.
- Easily maintain this MFP and its supplies with HP Printer Utility and the self-sufficient scanner that does not require calibration at installation. LED lights help you to diagnose any issues.
- You're in total control with a new HP MFP that's easy to manage thanks to the HP Embedded Web Server.
- Concentrate on your customers and your projects thanks to this MFP's timesaving features, such as a CIS scanner that doesn't require a warm-up period.

#### Superior line and text quality at the right price

- Produce highly accurate drawings with a printer and HP Vivera inks that deliver outstanding details—with 0.1% line accuracy<sup>1</sup>. The HP Three-black ink set—including a gray HP Vivera ink—produces true neutral gray, accentuating the detail in your prints.
- Powerful presentations—HP Vivera inks produce a range of colors, from vivid color to soft tones.
- See high-quality results—especially for lines and text—with CIS scanning technology and 1200 dpi optical resolution. Scan or copy archived documents of existing buildings or "as-build" drawings to share with colleagues or clients.
- Produce optimized results easily with predefined media profiles and settings for the originals you use most often. You don't have to spend a lot of time adjusting settings whenever you want to copy or scan.

- Media versatility—including over 35 Original HP media—provides additional flexibility.

#### Dependable, unique integrated HP solution

- Get back to work quickly knowing detailed prints are not a problem thanks to In-printer processing architecture and an 80 GB HDD.
- Convenient single-vendor solution—built together to work together. There's no greater convenience than having a single device with multiple functions and features reliably working in tandem to provide a very effective, very viable solution.
- Save valuable workspace with this ergonomic multifunction device. It also includes a 9 in (23 cm) touchscreen panel positioned on top of the scanner, which creates additional room in your office.



**For AEC and GIS**  
Small and Medium Size Business

Print in  
**35s/D**

**6**  
colors

**80 GB**  
hard disk

HP-GL/2  
in-printer  
processing

**CIS**  
Scanning  
technology

Scan in  
**1.5ips color,**  
**5ips b&w**

Optimized  
for line  
and text

# HP Designjet T1120 SD-MFP

## Technical specifications

Print	
Print speed <sup>2</sup>	<b>Line drawings:</b> 35 sec D/A1 on plain media in Fast Economy mode, 56 D/A1 per hour on plain media in Fast mode; <b>Color images:</b> 445 ft <sup>2</sup> /hr (41 m <sup>2</sup> /hr) on coated media in Fast mode, 30 ft <sup>2</sup> /hr (2.8 m <sup>2</sup> /hr) on glossy media in Best mode
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	<b>Roll:</b> 0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 x 5 mm) (borderless on photo papers) <b>Sheet:</b> 0.2 x 0.67 x 0.2 x 0.2 in (5 x 16.75 x 5 x 5 mm)
Technology	HP Thermal Inkjet
Ink cartridge colors	Cyan, gray, magenta, matte black, photo black, yellow
Ink types	Dye-based (cyan, magenta, yellow, gray, photo black); pigment-based (matte black)
Ink drop	6 pl (cyan, magenta, photo black, gray), 9 pl (yellow, matte black)
Ink cartridge size	69-ml (photo black, cyan, magenta, yellow, gray) 130-ml (matte black, photo black, cyan, magenta, yellow, gray)
Line width	Minimum line width (HP-GL/2 addressable): 0.0007 in (0.02 mm) <b>Guaranteed minimum line thickness (ISO/IEC 13660:2001(E))*:</b> 0.0023 in (0.06 mm)
Line accuracy	+/- 0.1% <sup>1</sup>
Scan	
Scan speed	Color (200 dpi): 1.5 in/sec (3.81 cm/sec) Black-and-white (200 dpi): 5 in/sec (12.7 cm/sec)
Scan/copy resolution	<b>Optical resolution:</b> 1200 dpi <b>Enhanced mode:</b> 9600 x 9600 dpi <b>Best mode:</b> color and black-and-white: 300 x 300 dpi <b>Normal mode:</b> color and black-and-white: 200 x 200 dpi <b>Draft mode:</b> color and black-and-white: 100 x 100 dpi
Maximum scan width	44 in (1118 mm)
Maximum scan thickness	0.04 in (1 mm)
Copy	
Reduction/enlargement	25 to 400%
Maximum copies	50 copies
Copier settings	Original type, quality, original size, resize, color management
Media handling	
	<b>Printer:</b> Roll feed, sheet feed, automatic cutter <b>Scanner:</b> Sheet feed
Media types	
	<b>Printer:</b> bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, colored), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl) <b>Scanner:</b> Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic film, plastic laminate, foam board, cardboard. (No plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, burned surfaces, transparencies.)
Processing and memory	
	<b>Printer:</b> Intel® Pentium® M 800 MHz, 384 MB memory, 80 GB hard disk <b>Scanner:</b> Intel Pentium M 1.5 GHz, 1 GB memory, 40 GB hard disk
Connectivity	
Interfaces (standard)	<b>Printer:</b> 1 Gigabit Ethernet (1000Base-T) port, 1 Hi-Speed USB 2.0 certified port, 1 EIO Jeldirect accessory slot <b>Scanner:</b> 1 Fast Ethernet (10/100Base-T) port, 1 Hi-Speed USB 2.0 certified port
Print languages	HP-GL/2, HP-RTL, CALS G4, TIFF, JPEG, HP PCL 3 GUI
Drivers (included)	HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI (raster) driver for Mac OS X 10.4/10.5; support for Citrix XenApp and Citrix XenServer environments

(1) ±0.1% of the specified vector length or ±0.1 mm (whichever greater) at 73° F (23° C), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film  
(2) Mechanical printing time  
\* Measured on HP Matte Film

Environmental ranges	
Operating temperature	41 to 104° F (5 to 40° C)
Recommended operating temperature	59 to 95° F (15 to 35° C) (depending on paper type)
Storage temperature	-13 to 131° F (-25 to 55° C)
Operating humidity	20 to 80% RH
Acoustic	
Sound pressure, active	55 dB(A)
Sound pressure, standby	42 dB(A)
Sound power, active	6.9 B(A)
Sound power, standby	5.8 B(A)
Power consumption	
Maximum	330 watts
Reversave	< 19 watts
Off	0.1 watts
Power requirements	Input voltage auto ranging: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max
Certification	
Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), China (CCC), Argentina (IRAM), Mexico (NFC).
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACA), New Zealand (McC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (MIC), Taiwan (BSMI)
Environmental	EU & China RoHS, WEEE, REACH, EuP see: <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a>
ENERGY STAR® qualified models	
Warranty	
	One-year, next-business-day, on-site warranty
HP Care Pack Services	
UN382E	HP 3-Year Next Business Day Onsite Service
H4518E	HP Installation Services with Network Setup
UN379E	HP 3-Year Same Day Onsite Service (9x5)
UN375PE	HP 3-Year Same Day Onsite Service (13x5)

Dimensions (w x d x h)	
MFP	69.7 x 39.4 x 57.1 in (1770 x 1000 x 1450 mm)
Shipping	76 x 30.2 x 51.1 in (1930 x 766 x 1298 mm)
Weight	
MFP	309 lb (140 kg)
Shipping	401.2 lb (182 kg)
What's in the box	
Printer, printheads (3 x 2 colors each), introductory ink cartridges, 44-in stand, quick reference guide, setup poster, Serif PosterDesigner Pro poster, start-up software, scanner, touchscreen, customer service guide, USB cable, Ethernet cable, power cords	

## Ordering information

<b>Product</b>	HP Designjet T1120 SD-MFP
<b>Accessories</b>	<p>Q6709A HP Designjet T1xx0/T610 4.4-in Spindle</p> <p>J7997G HP Jeldirect 630n IPv6 Gigabit Print Server</p> <p>J7961G HP Jeldirect 635n IPv6/IPsec Print Server</p> <p>CN088A Serif PosterDesigner Pro for HP</p>
<b>Original HP printheads</b>	<p>C9380A HP 72 Gray and Photo Black Printhead</p> <p>C9383A HP 72 Magenta and Cyan Printhead</p> <p>C9384A HP 72 Matte Black and Yellow Printhead</p>
<b>Original HP ink cartridges with HP Vivera inks</b>	<p>C9397A HP 72 69-ml Photo Black Ink Cartridge</p> <p>C9398A HP 72 69-ml Cyan Ink Cartridge</p> <p>C9399A HP 72 69-ml Magenta Ink Cartridge</p> <p>C9400A HP 72 69-ml Yellow Ink Cartridge</p> <p>C9401A HP 72 69-ml Gray Ink Cartridge</p> <p>C9403A HP 72 130-ml Matte Black Ink Cartridge</p> <p>C9370A HP 72 130-ml Photo Black Ink Cartridge</p> <p>C9371A HP 72 130-ml Cyan Ink Cartridge</p> <p>C9372A HP 72 130-ml Magenta Ink Cartridge</p> <p>C9373A HP 72 130-ml Yellow Ink Cartridge</p> <p>C9374A HP 72 130-ml Gray Ink Cartridge</p>
<b>Original HP large-format printing materials</b>	<p>Q6627A HP Super Heavyweight Plus Matte Paper 210 g/m<sup>2</sup>, 36 in. x 100 ft/914 mm x 30.5 m</p> <p>Q6628A HP Super Heavyweight Plus Matte Paper 210 g/m<sup>2</sup>, 42 in. x 100 ft/1067 mm x 30.5 m</p> <p>C6030C HP Heavyweight Coated Paper 131 g/m<sup>2</sup>, 36 in. x 100 ft/914 mm x 30.5 m</p> <p>C6569C HP Heavyweight Coated Paper 131 g/m<sup>2</sup>, 42 in. x 100 ft/1067 mm x 30.5 m</p> <p>Q1956A HP Heavyweight Coated Paper 131 g/m<sup>2</sup>, 42 in. x 225 ft/1067 mm x 67.5 m</p> <p>C6019B HP Coated Paper 90 g/m<sup>2</sup>, 24 in. x 150 ft/610 mm x 45.7 m</p> <p>C6020B HP Coated Paper 90 g/m<sup>2</sup>, 36 in. x 150 ft/914 mm x 45.7 m</p> <p>C6980A HP Coated Paper 90 g/m<sup>2</sup>, 36 in. x 300 ft/914 mm x 91.4 m</p> <p>C1860A HP Bright White Inkjet Paper 90 g/m<sup>2</sup>, 24 in. x 150 ft/610 mm x 45.7 m</p> <p>C1861A HP Bright White Inkjet Paper 90 g/m<sup>2</sup>, 36 in. x 150 ft/914 mm x 45.7 m</p> <p>C6810A HP Bright White Inkjet Paper 90 g/m<sup>2</sup>, 36 in. x 300 ft/914 mm x 91.4 m</p> <p>Q1397A HP Universal Bond Paper 80 g/m<sup>2</sup>, 36 in. x 150 ft/914 mm x 45.7 m</p> <p>C3868A HP Natural Tracing Paper 90 g/m<sup>2</sup>, 36 in. x 150 ft/914 mm x 45.7 m</p> <p>C3875A HP Clear Film 174 g/m<sup>2</sup>, 36 in. x 75 ft/914 mm x 22.9 m</p> <p>51642B HP Matte Film 160 g/m<sup>2</sup>, 36 in. x 125 ft/914 mm x 38.1 m</p> <p>Q1427A HP Universal High-gloss Photo Paper 190 g/m<sup>2</sup>, 36 in. x 100 ft/914 mm x 30.5 m</p> <p>Q1421A HP Universal Semi-gloss Photo Paper 190 g/m<sup>2</sup>, 36 in. x 100 ft/914 mm x 30.5 m</p> <p>CG459A HP Premium Matte Photo Paper 210 g/m<sup>2</sup>, 24 in. x 100 ft/610 mm x 30.5 m</p> <p>CG460A HP Premium Matte Photo Paper 210 g/m<sup>2</sup>, 36 in. x 100 ft/914 mm x 30.5 m</p> <p>C7960A HP Reverse Print Matte Backlit Film 160 g/m<sup>2</sup>, 36 in. x 75 ft/914 mm x 22.9 m</p> <p>Q8834A HP Self-adhesive Gloss Polypropylene 120 g/m<sup>2</sup>, 36 in. x 75 ft/914 mm x 22.9 m</p> <p>CG886A HP Cottle-free Heavyweight Coated Paper 170 g/m<sup>2</sup>, 24 in. x 100 ft/610 mm x 0.5 m</p> <p>CG887A HP Cottle-free Heavyweight Coated Paper 170 g/m<sup>2</sup>, 36 in. x 100 ft/914 mm x 0.5 m</p> <p>CG888A HP Cottle-free Heavyweight Coated Paper 170 g/m<sup>2</sup>, 42 in. x 100 ft/1067 mm x 30.5 m</p> <p>CG883A HP Cottle-free Coated Paper 100 g/m<sup>2</sup>, 24 in. x 150 ft/610 mm x 45.7 m</p> <p>CG884A HP Cottle-free Coated Paper 100 g/m<sup>2</sup>, 36 in. x 150 ft/914 mm x 45.7 m</p> <p>CG885A HP Cottle-free Coated Paper 100 g/m<sup>2</sup>, 42 in. x 150 ft/1067 mm x 45.7 m</p> <p>CG889A HP Recycled Bond Paper 80 g/m<sup>2</sup>, 24 in. x 150 ft/610 mm x 45.7 m</p> <p>CG890A HP Recycled Bond Paper 80 g/m<sup>2</sup>, 36 in. x 150 ft/914 mm x 45.7 m</p> <p>CG891A HP Recycled Bond Paper 80 g/m<sup>2</sup>, 42 in. x 150 ft/1067 mm x 45.7 m</p> <p>CG892A HP Recycled Bond Paper 80 g/m<sup>2</sup>, (A2) 16.54 in. x 150 ft/420 mm x 45.7 m</p>

More HP large-format printing material sizes and weights available at:

[www.hp.com/go/designjet/supplies](http://www.hp.com/go/designjet/supplies)

## ecoHIGHLIGHTS

### HP DESIGNJET T1120 SD-MFP

ECO INFORMATION

- Save paper and avoid printing mistakes with HP Instant Printing Utility 2.0
- Less ink wasted thanks to efficient installation and maintenance routine.
- Free, convenient cartridge recycling\*
- Supports 100% recycled media



ENERGY STAR

\* ENERGY STAR® Qualified Product

1. In countries where the HP's Planet Partner Program operates

www.hp.com/ecosolutions

Please recycle your printing hardware and supplies.  
Find out how at our website.



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