



HP Designjet T1120 Printer series

Print accurate, high-quality output with this fast, easy to manage large-format Designjet printer.



Make a great impression on your clients with professional-quality prints.

- Trust this HP Designjet to produce exacting detail and precise, accurate line quality
- The HP Three-black ink set, including a grey HP Vivera ink, produces true neutral grey, accentuating the detail in your prints
- HP's innovative, large printhead design achieves precise placement of smaller drops, to produce pinpoint line accuracy and crisp text
- Achieve outstanding horizontal-to-vertical line-width difference, with line accuracy to 0.1% and 0.2 mm minimum line width.

Meet your deadlines easily with fast print and processing speeds.

- Easily meet your deadlines, including occasional printing peaks, with a printer that's up to 3 times faster than the HP Designjet 800 Printer¹
- Print an A1 page in up to 35 seconds²
- Control printing tasks like changing print job priorities and reprinting copies, from the Job Center³ and HP's embedded Web server
- Get back to work quickly thanks to In-printer processing architecture and an 80 GB hard disk drive
- Fast-drying HP Vivera inks produce high quality, smudge-resistant prints.

Enhance your workgroup's efficiency with this reliable Designjet's high performance features.

- A busy network is no problem: process complex files quickly with In-printer processing architecture and embedded HP-GL/2 and PostScript⁴
- Most CAD applications on a wide range of operating systems are supported, thanks to embedded HP-GL/2 and RTL
- Print it right the first time: HP Professional Color technologies including Closed Loop Color calibration, ensure accurate screen to page colour matching
- Easily maintain and manage this printer and its supplies with HP Easy Printer Care.



¹ Compared to the HP Designjet 800 Printer series, based on 4 copies of 50 A1 pages using normal print quality on plain paper; intervention time not included

² Using HP-GL/2 accessory, fast mode on plain paper; intervention time not included

³ Files supported by HP-GL/2, CALS/G4

⁴ Embedded PostScript support is available on HP Designjet T1120ps printers only.

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TECHNICAL SPECIFICATIONS

Print speed	
Line drawings	Fast
Printing	
Print resolution	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, M, Y, G, PK), pigment-based (MK)
Ink colours	6 (cyan, grey, magenta, matte black, photo black, yellow)
Ink drop	6 pl (C, M, PK, G), 9 pl (Y, MK)
Line accuracy	+/- 0.1%
Guaranteed minimum line width	Minimum line width (HP-GL/2 addressable): 0.02 mm, Guaranteed minimum line thickness (ISO/IEC 13660:2001(E)): 0.06 mm
Maximum print length	91.4 m
Image quality	
Maximum optical density	2.15 maximum black optical density (6 L *min)
Media	
Handling	Sheet feed, roll feed, automatic cutter
Types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, coloured), 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)
Weight	60 to 328 g/m ²
Size	T1120 610mm: 216 x 279 to 610 x 1676 mm; T1120ps 610 mm: 216 x 279 to 610 x 1676 mm;
Thickness	Up to 0.8 mm
Memory	
Standard	T1120 610mm: 320 MB; T1120ps 610 mm: 320 MB;
Hard disk	Standard, 80 GB
Connectivity	
Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, EIO Jetdirect accessory slot
Interfaces (optional)	HP Jetdirect print servers
Print languages (standard)	T1120 610mm: HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI; T1120ps 610 mm: Adobe® PostScript® 3, Adobe® PDF 1.6, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI;
Drivers included	T1120 610mm: HP-GL/2, HP-RTL drivers for Windows® (optimised for AutoCAD 2000 and higher), HP PCL 3 GUI driver for Mac OS X, support for Citrix® XenApp and Citrix® XenServer environments; T1120ps 610 mm: HP-GL/2, HP-RTL, PostScript® drivers for Windows® (optimised for AutoCAD 2000 and higher), HP PCL 3 GUI, PostScript® drivers for Mac OS X, support for Citrix® XenApp and Citrix XenServer environments;
Recommended system requirements	
Dimensions (w x d x h)	
Printer	T1120 610mm: 1262 x 661 x 391 mm; T1120ps 610 mm: 1262 x 661 x 391 mm;
Shipping	T1120 610mm: 1440 x 766 x 623 mm; T1120ps 610 mm: 1440 x 766 x 623 mm;
Weight	
Printer	T1120 610mm: 47 kg; T1120ps 610 mm: 47 kg;
Shipping	T1120 610mm: 89 kg; T1120ps 610 mm: 89 kg;
What's in the box	
CK837A	Printer, printheads (3 x 2 colours each), introductory ink cartridges, quick reference guide, setup poster, start-up DVD, power cord, stand sold separately
CK838A	Printer, printheads (3 x 2 colours each), introductory ink cartridges, quick reference guide, setup poster, start-up DVD, power cord, stand sold separately
Environmental ranges	
Operating Temperature	5 to 40° C
Recommended operating temperature	15 to 35° C (depending on paper type)
Storage temperature	-25 to 55° C
Recommended operating humidity	20 to 80% RH (depending on paper type)
Storage humidity	0 to 95% RH
Acoustic	
Sound Pressure	57 dB(A) (active/printing), 29 dB(A) (standby)
Sound Power	6.9 B(A) (active/printing), 4.4 B(A) (standby)
Power Consumption	
Maximum	200 watts maximum, 43 watts maximum (standby), 27 watts maximum (powersave), 0.1 watts maximum (off)
Power requirements	Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max
Certification	
Safety	EU (LVD and EN60950-1 compliant), Russia (GOST)
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive)
ENERGY STAR	Yes
Warranty	
	Two-year limited hardware warranty, including free phone support and next business day onsite response. Warranty and support options vary by product, country and local legal requirements.

ORDERING INFORMATION

Product	
CK837A	HP Designjet T1120 610mm Printer
CK838A	HP Designjet T1120ps 610 mm Printer
Accessories	
Q6663A	HP Designjet Zx100/Tx100/Tx10 24-in Stand
CN088A	Serif PosterDesigner Software Pro for HP Designjet Printers
Q6700A	HP Designjet Zx100/Tx100/Tx10 24-inch Spindle
CM770A	HP Designjet 4520 Scanner
J7997G	HP Jetdirect 630n IPv6 Gigabit Print Server
Ink supplies	
C9380A	HP 72 Gray and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and Yellow Printhead
C9397A	HP 72 69-ml Photo Black Ink Cartridge
C9398A	HP 72 69-ml Cyan Ink Cartridge
C9399A	HP 72 69-ml Magenta Ink Cartridge
C9400A	HP 72 69-ml Yellow Ink Cartridge
C9401A	HP 72 69-ml Grey Ink Cartridge
C9403A	HP 72 130-ml Matte Black Ink Cartridge
Media supplies	
CG886A	HP Cockle-free Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft)
C6019B	HP Coated Paper-610 mm x 45.7 m (24 in x 150 ft)
CG892A	HP 2-pack Recycled Bond Paper-420 mm x 45.7 m (16.54 in x 150 ft)
CG883A	HP Cockle-free Coated Paper-610 mm x 45.7 m (24 in x 150 ft)
CG889A	HP Recycled Bond Paper-610 mm x 45.7 m (24 in x 150 ft)
C3876A	HP Clear Film-610 mm x 22.9 m (24 in x 75 ft)
Q1961A	HP Inkjet Coated Paper-100 sht/A2+/458 mm x 610 mm (18 x 24 in)

Service & support

H4518E HP Network Installation

UN427E HP 3 years Next Business Day Onsite (24-in models)

UN421PE HP 1 year Post Warranty Next Business Day Onsite (24-in models)

UN420E HP 3 years 4 hour 13X5 (24-in models)

For more HP Large Format Media substrates and sizes please visit us online at: <http://www.hp.com/go/designjet/supplies>

For more information, visit our website at <http://www.hp.com>

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