

HP Designjet T1120 HD Multifunction Printer



Deliver the highest quality without losing any image detail with this HP MFP. Easily copy, scan, and print CAD and graphics output on demand with a fast device that delivers superior scanning and print quality.



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HD Multifunction
Printer

Designed specifically for GIS customers, Enterprise environments, and copy shops requiring superior quality and advanced copy, scanning, performance, and manageability features, all from one integrated device.

Achieve excellent copy, scan, and print results.

Create professional prints: HP Vivera inks with the Three-black ink set produce a wide range of colours including true neutral grey, and fine detail. Get a high level of quality and accuracy with CCD scanning technology and embedded PS for a wider colour gamut. Save space: scan and archive older documents, even those that have been folded. Fast-drying HP Vivera inks produce high quality, smudge-resistant prints. Create stunning large-format posters that convey your message loud and clear¹.

Meet deadlines and impress your clients by getting the job done quickly and effectively.

Scan colour documents at speeds up to 5 cm per second and black-and-white documents at up to 15 cm per second (400 dpi turbo mode). Print A1 sized documents in up to 35 seconds per page². Batch scanning and printing is fast and easy with the free HP Instant Printing Utility and collating features. Get back to work quickly thanks to In-printer processing architecture and 80 GB of memory. Control this MFP and all copy, scan, and print functions, via a range of effective management tools.

Do more with a unique integrated HP solution

Manage large-format documents from scan through print or archive: this MFP's multiple functions and features work reliably together to provide a very effective solution. Built-in intelligence enables you to get basic printer-status information and access the printer queue. Save valuable workspace with an integrated solution that consolidates multiple functions into one compact footprint. Quickly adapt to customer changes and demands with real time preview and retouch software.

¹ The Serif PosterDesigner Pro for HP is an optional feature; not included, sold separately

² Mechanical printing time on plain media using fast economode.

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	2112
Print quality	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected
Number of inks	Cyan, grey, magenta, matte black, photo black, yellow
Ink types	Dye-based (C, M, Y, G, PK), pigment-based (MK)
Ink drop size	6 pl (C, M, PK, G), 9 pl (Y, MK)
Print speed	Economic quality: 41 m ² /hr (coated), A1 colour line drawing: 35 sec/page (plain), 72 A1 prints per hour (plain, economode). 10 m ² /hr (coated), 6.7 m ² /hr (glossy)
Scan speed	Colour (200 dpi/400 dpi turbo): up to 5.1 cm/sec; Black and white (200 dpi/400 dpi turbo): up to 15.2 cm/sec
Scan resolution	Up to 9600 dpi
Line	Line accuracy: +/- 0.1%. Minimum width: Minimum line width (HP-GL/2 addressable): 0.02 mm, guaranteed minimum line thickness (ISO/IEC 13660:2001(E)): 0.06 mm
Print languages	Adobe® PostScript® 3, Adobe® PDF 1.6, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI
Memory	Standard: Printer: 384 MB; Scanner: 1 GB; Maximum: Printer: 384 MB; Scanner: 1 GB; Hard disk: Printer: standard, 80 GB; Scanner: standard, 40 GB.
Print margins (mm)	Roll top: 5 mm; bottom: 5 mm; left: 5 mm; right: 5 mm Sheet 5 mm (top), 5 mm (right), 5 mm (left), 16.75 mm (bottom)
Media types	Printer: 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); Scanner: 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, or burned surfaces or transparencies)
Media sizes	Standard: A4, A3, A2, A1, A0. Custom: 216 x 279 to 1118 x 1676 mm
Maximum media length	Roll: 91.4 m. Sheet: 1676.4 mm
Maximum media width	Printer: 1118 mm; Scanner: 1067 mm
Media thickness	Printer: up to 0.8 mm; Scanner: up to 15.2 mm
Recommended media weight	60 to 328 g/m ²
Roll	Maximum diameter: 135 mm
Media handling	Printer: sheet feed, roll feed, automatic cutter; Scanner: sheet feed
Interface and connectivity	Standard: Printer: 1 Gigabit Ethernet (1000Base-T) port; 1 Hi-Speed USB 2.0 port; 1 EIO Jetdirect accessory slot; Scanner: 1 Gigabit Ethernet (1000Base-T) port; 1 FireWire (IEEE-1394a compliant) port. Optional: HP Jetdirect print servers
Drivers included	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
Operating systems compatibility	Windows Vista® (32 and 64-bit), Microsoft® Windows® Server 2008 (32 and 64-bit), XP Home and Professional (32 and 64-bit), Server 2003 (32 and 64-bit), Mac OS X v10.4, Mac v10.5, Novell® NetWare 5.x, 6.x, Citrix® XenApp, Citrix® XenServer. Latest driver upgrade information available on http://www.designjet.hp.com
Minimum system requirements	Microsoft® Windows® XP Home, XP Professional: Intel® Pentium® 4 (1 GHz), 512 MB RAM, 2 GB available hard disk space. Mac OS X v10.4 or higher: PowerPC G3 or Intel® Core Processor, 256 MB RAM, 1 GB available hard disk space
Power	Requirements: Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max. Supply: Internal: built-in universal power supply. Consumption: 330 watts maximum, 65.3 watts maximum (standby), 44.4 watts maximum (powersave), 1.69 watts maximum (off)
Dimensions (w x d x h)	Out of package: 1900 x 1000 x 1600 mm
Weight	Out of package: 200 kg. Packaged: 278 kg
Operating environment	Operating temperature: 5 to 40° C. Recommended operating temperature: 15 to 35° C (depending on paper type). Operating humidity: 20 to 80% RH. Operating humidity recommended: 20 to 80% RH (depending on paper type). Storage temperature: -25 to 55° C. Storage humidity: 0 to 95% RH. Noise level per ISO 9296: sound power: LwAd 6.9 B(A) (active/printing), 5.8 B(A) (standby). Sound pressure: LpAm 55 dB(A) (active/printing), 42 dB(A) (standby)
Certifications	Safety: EU (LVD and EN60950-1 compliant). EMC certifications: Compliance for Class A ITE products: EU (EMC Directive)
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

CK841A Printer, printheads (3 x 2 colours each), introductory ink cartridges, 1118 mm stand, quick reference guide, setup poster, start-up software, scanner, touchscreen (panel PC), keyboard, scanner documentation CD, system recovery DVD, customer service guide, USB cable, FireWire cable, Ethernet cable, power cords

Accessories

Q6709A HP Designjet 44-inch Roll Feed Spindle

J7977G HP Jetdirect 630n IPv6 Gigabit Print Server

J7961G HP Jetdirect 635n IPv6/IPsec Print Server

CN088A Serif PosterDesigner Software Pro for HP Designjet Printers

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

C9370A HP 72 130-ml Photo Black Ink Cartridge

Media supplies

Q6627A HP Super Heavyweight Plus Matte Paper-914 mm x 30.5 m (36 in x 100 ft)

Q6628A HP Super Heavyweight Plus Matte Paper-1067 mm x 30.5 m (42 in x 100 ft)

C6019B HP Coated Paper-610 mm x 45.7 m (24 in x 150 ft)

CG886A HP Cockle-free Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft)

CG891A HP Recycled Bond Paper-1067 mm x 45.7 m (42 in x 150 ft)

Service & support

UH467E HP Care Pack, Next Business Day Hardware Support, 3 years

UH468E HP Care Pack, Next Business Day Hardware Support, 4 years

UH469E HP Care Pack, Next Business Day Hardware Support, 5 years

UH473E HP Care Pack, 4 Hour Response Time 13x5 Same Day On-site Hardware Support, 3 years

UH476PE HP Care Pack, Post Warranty Next Business Day Hardware Support, 1 year

UH478PE HP Care Pack, Post Warranty 4 hour 13x5 Same Day On-site Hardware Support, 1 year

H7604E Standard Installation

H4518E Network Installation

For a complete list of supplies, accessories and services, please refer to

<http://www.hp.com/go/designjet>

<http://www.hp.com/uk>



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