

# HP Designjet T1120 Printer series



This HP Designjet enables you to impress clients with professional quality output in vivid colour and meet tight deadlines with fast speeds. Performance features ensure you get the results you want, and make your printer easier to control and manage.



HP Designjet T1120 24-in Printer



HP Designjet T1120 44-in Printer



HP Designjet T1120ps 24-in Printer



HP Designjet T1120ps 44-in Printer

**Ideal for growing and demanding workgroups who want vibrant presentations produced in house and within deadlines.**

**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 Printer<sup>1</sup>. Print an A1 page in up to 35 seconds<sup>2</sup>. Control printing tasks like changing print job priorities and reprinting copies, from the Job Center<sup>3</sup> 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 PostScript<sup>4</sup>. 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.

<sup>1</sup> 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

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

<sup>3</sup> Files supported by HP-GL/2, CALS/G4

<sup>4</sup> Embedded PostScript support is available on HP Designjet T1120ps printers only.

## Series at a glance



### HP Designjet T1120 24-in Printer (CK837A)

- HP Designjet T1120 610 mm: print speed of up to 35 seconds A1; up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected; embedded HP-GL/2 and RTL; media width of 610 mm; Job Centre in embedded Web server; HP Printer Utility; optimised nesting; borderless printing; job alerts



### HP Designjet T1120 44-in Printer (CK839A)

- HP Designjet T1120 1118 mm : as base printer with 1118 mm media width



### HP Designjet T1120ps 24-in Printer (CK838A)

- HP Designjet T1120ps 610 mm: as base printer with embedded Adobe PostScript



### HP Designjet T1120ps 44-in Printer (CK840A)

- HP Designjet T1120ps 1118 mm: as base printer with embedded Adobe Postscript and 1118 mm media width

## Recommended accessories



Q6663A  
HP Designjet  
Zx100/Tx100/Tx10 24-in  
Stand



CN088A  
Serif PosterDesigner  
Software Pro for HP Designjet  
Printers



Q6709A  
HP Designjet 44-inch Roll Feed  
Spindle



Q6700A  
HP Designjet  
Zx100/Tx100/Tx10 24-inch  
Spindle



J7997G  
HP Jetdirect 630n IPv6 Gigabit  
Print Server

## Top 3 Accessories description



### HP Designjet Zx100/Tx100/Tx10 24-in Stand(Q6663A)

To respect commonly limited floor space the HP Designjet Printer comes in a configuration suitable for printer placement on a desk. The optional stand accessory enables the printer body to be mounted to movable legs with bin holding printed drawings. The stand enables you to conveniently relocate the printer to a right place and free up work desks.



### Serif PosterDesigner Software Pro for HP Designjet Printers(CN088A)

Serif PosterDesigner Pro gives you all the design power you need to create fantastic posters and banners. If you are producing in-house marketing collateral or designing artwork to tight deadlines, you can easily achieve high quality results fast.



### HP Designjet 44-inch Roll Feed Spindle(Q6709A)

Keep busy CAD and GIS professionals productive with this timesaving media spindle. Rely on it to efficiently deliver high-quality, wide-format documents. This accessory enables easy switching between media rolls. Complete large-format jobs effortlessly on media up to 1118 mm wide and up to 91 m long.

## Ordering information



### HP Designjet T1120 24-in Printer(CK837A)

Printer, printheads (3 x 2 colours each), introductory ink cartridges, quick reference guide, setup poster, start-up DVD, power cord, stand sold separately



### HP Designjet T1120 44-in Printer(CK839A)

Printer, printheads (3 x 2 colours each), introductory ink cartridges, 1118 mm stand, quick reference guide, setup poster, start-up DVD, power cord



### HP Designjet T1120ps 24-in Printer(CK838A)

Printer, printheads (3 x 2 colours each), introductory ink cartridges, quick reference guide, setup poster, start-up DVD, power cord, stand sold separately



### HP Designjet T1120ps 44-in Printer(CK840A)

Printer, printheads (3 x 2 colours each), introductory ink cartridges, 1118 mm stand, quick reference guide, setup poster, start-up DVD, power cord

## Accessories, Supplies and Support

### Accessories

<b>Q6663A</b>	HP Designjet Zx100/Tx100/Tx10 24-in Stand
<b>CN088A</b>	Serif PosterDesigner Software Pro for HP Designjet Printers
<b>Q6709A</b>	HP Designjet 44-inch Roll Feed Spindle
<b>Q6700A</b>	HP Designjet Zx100/Tx100/Tx10 24-inch Spindle

### Supplies

<b>C9380A</b>	HP 72 Gray and Photo Black Printhead
<b>C9383A</b>	HP 72 Magenta and Cyan Printhead
<b>C9384A</b>	HP 72 Matte Black and Yellow Printhead
<b>C9397A</b>	HP 72 69-ml Photo Black Ink Cartridge
<b>C9398A</b>	HP 72 69-ml Cyan Ink Cartridge
<b>C9399A</b>	HP 72 69-ml Magenta Ink Cartridge
<b>C9400A</b>	HP 72 69-ml Yellow Ink Cartridge
<b>C9401A</b>	HP 72 69-ml Grey Ink Cartridge
<b>C9403A</b>	HP 72 130-ml Matte Black Ink Cartridge

### Media supplies

<b>Q6627A</b>	HP Super Heavyweight Plus Matte Paper-914 mm x 30.5 m (36 in x 100 ft)
<b>CG886A</b>	HP Cockle-free Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft)
<b>C6019B</b>	HP Coated Paper-610 mm x 45.7 m (24 in x 150 ft)
<b>CG891A</b>	HP Recycled Bond Paper-1067 mm x 45.7 m (42 in x 150 ft)
<b>CG892A</b>	HP Recycled Bond Paper-420 mm x 45.7 m (16.54 in x 150 ft)

<b>CG883A</b>	HP Cockle-free Coated Paper-610 mm x 45.7 m (24 in x 150 ft)
<b>CG889A</b>	HP Recycled Bond Paper-610 mm x 45.7 m (24 in x 150 ft)
<b>C7960A</b>	HP Reverse Print Matte Backlit Film-914 mm x 22.9 m (36 in x 75 ft)
<b>Q8834A</b>	HP Self-adhesive Gloss Polypropylene-914 mm x 22.9 m (36 in x 75 ft)
<b>C3876A</b>	HP Clear Film-610 mm x 22.9 m (24 in x 75 ft)
<b>Q1961A</b>	HP Inkjet Coated Paper-100 sht/A2+/458 mm x 610 mm (18 x 24 in)
<b>CG824A</b>	HP Everyday Adhesive Matte Polypropylene-914 mm x 22.9 m (36 in x 75 ft)

### Connectivity

<b>J7997G</b>	HP Jetdirect 630n IPv6 Gigabit Print Server
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### Service & support

<b>H4518E</b>	HP Network Installation
<b>UN427E</b>	HP 3 years Next Business Day Onsite (24-in models)
<b>UN442E</b>	HP 3 years Next Business Day Onsite (44-in models)
<b>UN421PE</b>	HP 1 year Post Warranty Next Business Day Onsite (24-in models)
<b>UN436PE</b>	HP 1 year Post Warranty Next Business Day Onsite (44-in models)
<b>UN420E</b>	HP 3 years 4 hour 13X5 (24-in models)
<b>UN435E</b>	HP 3 years 4 hour 13X5 (44-in models)

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com>



## Technical specifications

<b>Print technology</b>	HP Thermal Inkjet
<b>Printhead nozzles</b>	2112
<b>Print quality</b>	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi with maximum detail selected
<b>Colour technology</b>	HP Thermal Inkjet
<b>Number of inks</b>	Cyan, grey, magenta, matte black, photo black, yellow
<b>Ink types</b>	Dye-based (C, M, Y, G, PK), pigment-based (MK)
<b>Ink drop size</b>	6 pl (C, M, PK, G), 9 pl (Y, MK)
<b>Print speed</b>	Economic quality: CK837A/CK838A: 34 m <sup>2</sup> /hr (coated), A1 colour line drawing: 35 sec/page (plain), 72 A1 prints per hour (plain, economode); CK839A/CK840A: 41 m <sup>2</sup> /hr (coated), A1 colour line drawing: 35 sec/page (plain), 72 A1 prints per hour (plain, economode). Productivity quality: CK837A/CK838A: 8.6 m <sup>2</sup> /hr (coated), 5.6 m <sup>2</sup> /hr (glossy); CK839A/CK840A: 10 m <sup>2</sup> /hr (coated), 6.7 m <sup>2</sup> /hr (glossy)
<b>Line</b>	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
<b>Print languages</b>	CK837A/CK839A: HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI, CK838A/CK840A: Adobe® PostScript® 3, Adobe® PDF 1.6, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI
<b>Memory</b>	Standard: CK837A/CK838A: 320 MB, CK839A/CK840A: 384 MB; maximum: CK837A/CK838A: 320 MB, CK839A/CK840A: 384 MB; Standard, 80 GB. Hard disk: Standard, 80 GB
<b>Print margins (mm)</b>	Roll top: 5 mm; bottom: 5 mm; left: 5 mm; right: 5 mm Sheet Roll: 5 mm; sheet: 5 mm (top), 5 mm (right), 5 mm (left), 16.75 mm (bottom)
<b>Media types</b>	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)
<b>Media sizes</b>	Standard: A4, A3, A2, A1, A0 (CK839A/CK840A only). Custom: CK837A/CK838A: 216 x 279 to 610 x 1676 mm, CK839A/CK840A: 216 x 279 to 1118 x 1676 mm
<b>Maximum media length</b>	Roll: 91.4 m. Sheet: 1676.4 mm
<b>Maximum media width</b>	CK837A/CK838A: 610 mm, CK839A/CK840A: 1118 mm
<b>Maximum print length</b>	91 m (operating system and application dependent)
<b>Media thickness</b>	Up to 0.8 mm
<b>Recommended media weight</b>	60 to 328 g/m <sup>2</sup>
<b>Roll</b>	Maximum diameter: 135 mm
<b>Media handling</b>	Sheet feed, roll feed, automatic cutter
<b>Interface and connectivity</b>	Standard: Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, EIO Jetdirect accessory slot. Optional: HP Jetdirect print servers
<b>Control panel</b>	240 x 160 pixel greyscale graphical display with Asian fonts support, 4 direct-access buttons and 7 navigation buttons, 2 bicolor lights (Ready, Processing, Attention, Error)
<b>Printer management</b>	HP Web Jetadmin, HP Printer Utility
<b>Drivers included</b>	CK837A/CK839A: 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. CK838A/CK840A: 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
<b>Software</b>	HP Instant Printing Utility
<b>Operating systems compatibility</b>	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 <a href="http://www.designjet.hp.com">http://www.designjet.hp.com</a>
<b>Network operating systems compatibility</b>	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
<b>Minimum system requirements</b>	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
<b>Power</b>	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: 200 watts maximum, 43 watts maximum (standby), 27 watts maximum (powersave), 0.1 watts maximum (off)
<b>Dimensions (w x d x h)</b>	Out of package: CK837A/CK838A: 1262 x 661 x 391 mm, CK839A/CK840A: 1770 x 690 x 1047 mm. Packaged: CK837A/CK838A: 1440 x 766 x 623 mm, CK839A/CK840A: 1930 x 766 x 791 mm
<b>Weight</b>	Out of package: CK837A/CK838A: 47 kg, CK839A/CK840A: 86 kg. Packaged: CK837A/CK838A: 89 kg, CK839A/CK840A: 123 kg
<b>Operating environment</b>	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), 4.4 B(A) (standby). Sound pressure: LpAm 57 dB(A) (active/printing), 29 dB(A) (standby)
<b>Certifications</b>	Compliance for Class A ITE products: EU (EMC Directive). Regulatory standards: EU (LVD and EN60950-1 compliant), Russia (GOST). ENERGY STAR: Yes
<b>Warranty</b>	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.

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



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