



DESIGNJET T1200

PRINTER SERIES

Two printers in 1 for CAD/GIS medium workgroups¹⁾



Do more in less time—fast setup, printing, sharing

- Get the job done quickly without sacrificing quality thanks to this printer's fast (Economode) print setting—2 A1/D-sized prints per minute.
- Experience continuous printing with reliable HP 300-ml matte black ink cartridges, a convenient front-loading top roll, and media length tracking.
- Save time and paper with 2 online rolls with smart switching.
- Print batch HP-GL/2, DWF, PDF, JPEG, TIFF, and MS Office 2007 (Word, Excel, PowerPoint) files easily—without opening any application—thanks to the free HP Instant Printing Utility and the embedded Web server.
- Medium-sized teams can easily share this printer thanks to its built-in network card.

Small details increase your power to communicate

- Achieve rich, dark blacks and fine detailed lines with HP Vivera inks, including 2 HP Vivera blacks and a gray ink in this 6-ink printing system.
- Produce exacting detail with 0.02 mm (0.0008 in) minimum line width,²⁾ and highly accurate drawings with 0.1% line accuracy.
- Easily create stunning large-format posters that convey your message loud and clear with the optional Serif PosterDesigner Pro for HP.³⁾
- Transform your everyday printing with 2 HP media innovations—new and improved HP

bond papers with ColorPRO Technology and HP Recycled Bond Paper, made of 100% recycled base paper.

- Optimize blueprints—use this printer's new printing mode for generic natural tracing paper.

Print confidently with a reliable, secure solution

- A busy network is not a problem anymore—thanks to 32 GB of memory for file processing⁴⁾ and reliable In-printer processing architecture.
- Secure connectivity with built-in Gigabit Ethernet networking and secure IPsec and IPv6. A Linux PS driver offers additional support for Linux users.⁴⁾
- Trusted security—use advanced access controls via the embedded Web server; secure disk erase and the external hard disk accessory⁵⁾ provide even more security.
- Do more with your printer with PostScript capabilities.⁴⁾ And experience greater operating system support with original HP-GL/2 and RTL.
- Manage your printer fleet and costs with HP Web Jetadmin, embedded Web server and the HP accounting tool.

ecoHIGHLIGHTS HP DESIGNJET T1200 PRINTER

- Save paper with two roll configuration, print image nesting, blank print area detection, image auto-rotate and realistic print previews
- Less ink wasted thanks to efficient installation and maintenance routines
- Free, convenient cartridge and printhead recycling⁶⁾
- Supports 100% recycled HP media
- ENERGY STAR[®] Qualified Product

1) In more than 45 countries worldwide. Please check www.hp.com/recycle for details.

www.hp.com/ecosolutions

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



¹⁾ Improve your productivity with automatic switching among 2 rolls.

²⁾ HP-GL/2 addressable

³⁾ Serif PosterDesigner Pro for HP is an optional software accessory to be purchased separately.

⁴⁾ Available on the HP Designjet T1200 PostScript Version Printer only. Support in English.

⁵⁾ The 160 GB external hard disk drive accessory is an optional accessory to be purchased separately. This accessory is intended to replace the printer's internal hard disk as the repository of personal data, and can be removed from the printer and stored in a secure place.

HP DESIGNJET T1200

PRINTER SERIES

TECHNICAL SPECIFICATIONS

Print Speed¹	
Line drawings ²	Fast: 28 sec/page on A1/D, 103 A1/D prints per hour
Color images	Fast: 51 m ² /hr (549 ff/hr) ² Best: 3.1 m ² /hr (33.3 ff/hr) ³
Printing	
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) (borderless on photo papers) Sheet: 5 x 16.75 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, M, Y, G, PK); pigment-based (MK)
Ink colors	Cyan, gray, magenta, matte black, photo black, yellow
Ink drop	6 pl (C, M, PK, G), 9 pl (Y, MK)
Ink cartridge size	300 ml (matte black) 130 ml (cyan, gray, magenta, matte black, photo black, yellow) 69 ml (cyan, gray, magenta, photo black, yellow)
Printheads	3 (matte black and yellow, magenta and cyan, gray and photo black)
Line accuracy	+/- 0.1% ⁴
Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)
Guaranteed minimum line width	0.06 mm (0.0024 in) (ISO/IEC 13660:2001(E)) ⁵
Maximum print length	91 m (300 ft) (OS and application dependent)
Media	
Handling	Sheet feed; two automatic roll feeds; automatic roll-switching; automatic cutter
Types	Bond and coated papers, technical papers, films, photographic papers, backlit materials, self-adhesive materials
Weight	60 to 328 g/m ²
Size	210 x 279 to 1118 x 1676 mm (8.26 x 11 to 44 x 66 in) sheets; 27.94 to 111.76 cm (11 to 44 in) rolls
Thickness	Up to 11.8 mil
Memory	
	32 GB dedicated file-processing memory, 160 GB hard disk
Connectivity	
Interfaces (standard)	1 Gigabit Ethernet (1000Base-T) port, 1 Hi-Speed USB 2.0 certified port, 1 EIO Jetdirect accessory slot
Interfaces (optional)	HP Jetdirect EIO print servers
Print languages (standard)	Base model: HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI PostScript Version Printer: Adobe® PostScript® 3™, Adobe PDF 1.7, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI
Drivers (included)	HP-GL/2, HP-RTL, PostScript® drivers for Windows® (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI, PostScript® drivers for Mac OS X and Linux®; support for Citrix XenApp and Citrix XenServer environments
Recommended system requirements	
Mac	Mac OS X v 10.4, Mac OS X v 10.5; PowerPC G4, G5, or Intel Core Processor; 1 GB RAM; 2 GB available hard disk space
Windows	Windows XP® (SP2 or later); Intel® Pentium® family or AMD® K6/Athlon/Duron family (1 GHz), 1 GB RAM, 2 GB available hard disk space; Windows Vista®: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 2 GB RAM, 2 GB available hard disk space
Dimensions (w x d x h)	
Printer	1770 x 722 x 1050 mm (69.7 x 28.4 x 41.3 in)
Shipping	1930 x 766 x 778 mm (75.98 x 30.16 x 30.7 in)
Weight	
Printer	86 kg (189 lb)
Shipping	115 kg (253 lb)
What's in the box	
	Printer, printheads (3 x 2 colors each), introductory ink cartridges, 44-in stand, 44-in spindle, Quick Reference Guide, setup poster, Serif PosterDesigner Pro for HP poster, startup software, power cord
Environmental ranges	
Operating temperature	5 to 40° C (41 to 104° F)
Recommended operating temperature	15 to 35° C (59 to 95° F) (depending on paper type)
Storage temperature	-25 to 55° C (-13 to 131° F)
Recommended operating humidity	20 to 80% RH (depending on paper type)
Storage humidity	0 to 95% RH
Acoustic	
Sound pressure, active	46 dB(A)
Sound pressure, standby	26 dB(A)
Sound power, active	6.2 B(A)
Sound power, standby	4.4 B(A)
Power consumption	
Maximum	120 watts
Powersave	< 7 watts (< 25 watts with embedded DFE)
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); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE)
Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC)
Environmental	WEEE, EU RoHS, China RoHS, REACH, EUP, FEMP
ENERGY STAR® qualified models	see: http://www.hp.com/go/energystar
Warranty	
	One-year limited hardware warranty

ORDERING INFORMATION

Product	
CH538A	HP Designjet T1200 44-in Printer
CK834A	HP Designjet T1200 44-in PostScript Version Printer
Accessories	
Q6709A	HP Designjet 44-inch Roll Feed Spindle
CN501A	HP Designjet External Hard Disk
J7961G	HP Jetdirect 635n IPv6/IPsec Print Server
CN088A	Serif PosterDesigner Pro for HP
CN454A	SCP reprocontrol for HP (1 printer)
CN455A	SCP reprocontrol for HP (2 printers)
Original HP printheads	
C9380A	HP 72 Gray and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and Yellow Printhead
Original HP ink cartridges	
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 Gray Ink Cartridge
C9403A	HP 72 130-ml Matte Black Ink Cartridge
C9370A	HP 72 130-ml Photo Black Ink Cartridge
C9371A	HP 72 130-ml Cyan Ink Cartridge
C9372A	HP 72 130-ml Magenta Ink Cartridge
C9373A	HP 72 130-ml Yellow Ink Cartridge
C9374A	HP 72 130-ml Gray Ink Cartridge
CH575A	HP 726 300-ml Matte Black Designjet Ink Cartridge
Original HP printing materials	
Q6627A	HP Super Heavyweight Plus Matte Paper 210 g/m ² , 36 in. x 100 ft/914 mm x 30.5 m
Q6628A	HP Super Heavyweight Plus Matte Paper 210 g/m ² , 42 in. x 100 ft/1067 mm x 30.5 m
C6030C	HP Heavyweight Coated Paper 131 g/m ² , 36 in. x 100 ft/914 mm x 30.5 m
C6569C	HP Heavyweight Coated Paper 131 g/m ² , 42 in. x 100 ft/1067 mm x 30.5 m
Q1956A	HP Heavyweight Coated Paper 131 g/m ² , 42 in. x 225 ft/1067 mm x 67.5 m (NA & EMEA only)
C6019B	HP Coated Paper 90 g/m ² , 24 in. x 150 ft/914 mm x 45.7 m
C6020B	HP Coated Paper 90 g/m ² , 36 in. x 150 ft/914 mm x 45.7 m
C6980A	HP Coated Paper 90 g/m ² , 36 in. x 300 ft/914 mm x 91.4 m
C1860A	HP Bright White Inkjet Paper 90 g/m ² , 24 in. x 150 ft/610 mm x 45.7 m (NA & LAR only) now with ColorPRO Technology
C6035A	HP Bright White Inkjet Paper 90 g/m ² , 24 in. x 150 ft/610 mm x 45.7 m (EMEA & AP only) now with ColorPRO Technology
C1861A	HP Bright White Inkjet Paper 90 g/m ² , 36 in. x 150 ft/914 mm x 45.7 m (NA & LAR only) now with ColorPRO Technology
C6036A	HP Bright White Inkjet Paper 90 g/m ² , 36 in. x 150 ft/914 mm x 45.7 m (EMEA & AP only) now with ColorPRO Technology
C6810A	HP Bright White Inkjet Paper 90 g/m ² , 36 in. x 300 ft/914 mm x 91.4 m now with ColorPRO Technology
Q1445A	HP Bright White Inkjet Paper 90 g/m ² , (A1) 23.39 in. x 150 ft/594 mm x 45.7 m (EMEA & JP only) now with ColorPRO Technology
Q1397A	HP Universal Bond Paper 80 g/m ² , 36 in. x 150 ft/914 mm x 45.7 m now with ColorPRO Technology
C3868A	HP Natural Tracing Paper 90 g/m ² , 36 in. x 150 ft/914 mm x 45.7 m
C3875A	HP Clear Film 174 g/m ² , 36 in. x 75 ft/914 mm x 22.9 m
51642B	HP Matte Film 160 g/m ² , 36 in. x 125 ft/914 mm x 38.1 m
Q1427A	HP Universal High-gloss Photo Paper 190 g/m ² , 36 in. x 100 ft/914 mm x 30.5 m (NA, EMEA, AP only)
Q1421A	HP Universal Semi-gloss Photo Paper 190 g/m ² , 36 in. x 100 ft/914 mm x 30.5 m (NA, EMEA, AP only)
CG459A	HP Premium Matte Photo Paper 210 g/m ² , 24 in. x 100 ft/610 mm x 30.5 m
CG460A	HP Premium Matte Photo Paper 210 g/m ² , 36 in. x 100 ft/914 mm x 30.5 m
C7960A	HP Reverse Print Matte Backlit Film 160 g/m ² , 36 in. x 75 ft/914 mm x 22.9 m (NA, EMEA, AP only)
Q8834A	HP Self-adhesive Gloss Polypropylene 120 g/m ² , 36 in. x 75 ft/914 mm x 22.9 m
Q1442A	HP Coated Paper 90 g/m ² , (A1) 23.39 in. x 150 ft/594 mm x 45.7 m (EMEA & JP only)
CG886A	HP Cockle-free Heavyweight Coated Paper 170 g/m ² , 24 in. x 100 ft/610 mm x 30.5 m (US & EMEA only)
CG887A	HP Cockle-free Heavyweight Coated Paper 170 g/m ² , 36 in. x 100 ft/914 mm x 30.5 m (US & EMEA only)
CG888A	HP Cockle-free Heavyweight Coated Paper 170 g/m ² , 42 in. x 100 ft/1067 mm x 30.5 m (US & EMEA only)
CG883A	HP Cockle-free Coated Paper 100 g/m ² , 24 in. x 150 ft/610 mm x 45.7 m (US & EMEA only)
CG884A	HP Cockle-free Coated Paper 100 g/m ² , 36 in. x 150 ft/914 mm x 45.7 m (US & EMEA only)
CG885A	HP Cockle-free Coated Paper 100 g/m ² , 42 in. x 150 ft/1067 mm x 45.7 m (US & EMEA only)
CG889A	HP Recycled Bond Paper 80 g/m ² , 24 in. x 150 ft/610 mm x 45.7 m (US & EMEA only) made of 100% recycled base paper
CG890A	HP Recycled Bond Paper 80 g/m ² , 36 in. x 150 ft/914 mm x 45.7 m (US & EMEA only) made of 100% recycled base paper
CG891A	HP Recycled Bond Paper 80 g/m ² , 42 in. x 150 ft/1067 mm x 45.7 m (US & EMEA only) made of 100% recycled base paper
CG892A	HP Recycled Bond Paper 80 g/m ² , (A2) 16.54 in. x 150 ft/420 mm x 45.7 m (EMEA only) made of 100% recycled base paper
Service and support	
US237E	3 year, Next business day, Onsite Support
US235E	5 year, Next business day, Onsite Support
US236E	4 year, Next business day, Onsite Support
US230E	3 year, 4 hour response 13 by 5 Onsite Support
US231PE	1 year, Post Warranty, Next business day, Onsite Support
US225PE	1 year, Post Warranty, 4 hour response 13 by 5 Onsite Support
H4518E	Installation and Network Configuration

For more HP large-format printing materials and sizes please visit us online at: www.hp.com/go/designjet/supplies

- ¹ Mechanical printing time
- ² Printed on plain media with Economode on
- ³ Printed on glossy media
- ⁴ +/-0.1% of the specified vector length or +/-0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film
- ⁵ Measured on HP Matte Film
- ⁶ Only supported through the HP Designjet T1200 44-in PostScript Version Printer

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4AA27660ENV, July 2009

