



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 f ² /hr) ² Best: 3.1 m ² /hr (33.3 f ² /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 ⁶ ; 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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