

# HP DesignJet T1300 PostScript® Printer



Larger prints and higher productivity for workgroups



## PROFESSIONAL – Produce PostScript®-quality prints

- Six Original HP inks produce a wide colour gamut ideal for colour graphics.
- Original HP grey and photo black inks achieve precise line accuracy, dark blacks, and true neutral greys.
- Make your architectural prints shine with professional, high-resolution graphics – with Adobe PostScript®.
- Communicate with precision – produce plans, drawings, and maps with fine line quality, and up to 2400 dpi.

## PRODUCTIVE – Efficiencies empower busy workgroups

- Print on different paper types and sizes seamlessly – and save time – using two rolls with smart switching.
- Job center – manage job queues and job storage, track print costs.
- Print TIFF, JPEG, and PDF files from your printer's USB thumb drive – no computer required.
- If you're on-the-go, attach your document to an email and send it directly to your printer via ePrint.<sup>1</sup>

## FLEXIBILITY – Prints on sheets or rolls up to 1118 mm (44 in)

- Gain flexibility to print a range of sizes from sheets to 1118-mm (44-inch) roll width.
- Use different media – this printer supports everything from bond and coated papers to film and vinyl substrates.
- Print a range of CAD and GIS applications, including large infrastructure projects and geospatial mapping.

For more information, please visit  
<http://www.hp.com/go/designjett1300>

<sup>1</sup> Local printing requires mobile device and printer to be on the same network (usually Wi-Fi access points bridge wireless to wired connections). Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See <http://www.hp.com/go/designjetmobility> for more details.

## Technical specifications

| Print                         |   |
|-------------------------------|---|
| Line drawings                 | 28 sec/page on A1; 103 A1 prints per hour <sup>1</sup> ; <sup>1</sup> Mechanical printing time  |
| Colour images                 | <b>Fast:</b> 41 m <sup>2</sup> /hr <sup>1</sup> on coated media<br><b>Best:</b> 3.1 m <sup>2</sup> /hr <sup>1</sup> on glossy media   |
| Print resolution              | Up to 2400 x 1200 optimized dpi   |
| Margins                       | <b>Roll:</b> 5 x 5 x 5 mm (borderless on photo papers)<br><b>Sheet:</b> 5 x 17 x 5 x 5 mm   |
| Technology                    | HP Thermal Inkjet   |
| Ink types                     | Dye-based (C, G, M, pK, Y); pigment-based (mK)  |
| Ink drop                      | 6 pl (C, G, M, pK); 9 pl (mK, Y)  |
| Printheads                    | 3 (matte black and yellow, magenta and cyan, photo black and grey)  |
| Line accuracy                 | ±0.1% <sup>2</sup>  |
| Minimum line width            | 0.02 mm (HP-GL/2 addressable)   |
| Guaranteed minimum line width | 0.06 mm (ISO/IEC 13660:2001(E)) <sup>3</sup>  |
| Media                         |   |
| Handling                      | Sheet feed; two automatic roll feeds; automatic roll-switching; media bin; automatic cutter   |
| Weight                        | 60 to 328 g/m <sup>2</sup>  |
| Size                          | 210 to 1118-mm wide sheets; 279 to 1118-mm rolls  |
| Thickness                     | Up to 0.8 mm  |
| Memory                        | 32 GB (virtual); 160 GB hard disk   |
| Connectivity                  |   |
| Interfaces (standard)         | Gigabit Ethernet (1000Base-T); Hi-Speed USB 2.0; EIO Jetdirect accessory slot   |
| Print languages (standard)    | Adobe® PostScript® 3, Adobe® PDF 1.7, HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4, HP PCL 3 GUI  |
| Drivers (included)            | HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD 2000 and higher)<br>HP PCL 3 GUI driver for Mac OS X<br>PostScript Windows, Linux, and Mac drivers                  |
| Dimensions (w x d x h)        |   |
| Printer                       | 1770 x 721 x 1050 mm  |
| Shipping                      | 1930 x 766 x 770 mm   |
| Weight                        |   |
| Printer                       | 86 kg   |
| Shipping                      | 109 kg  |
| What's in the box             |   |
|                               | HP DesignJet T1300 Printer; printheads; introductory ink cartridges; spindle; quick reference guide; setup poster; startup software; power cord                                 |
| Environmental ranges          |   |
| Operating temperature         | 5 to 40°C   |
| Storage temperature           | -25 to 55°C   |
| Operating humidity            | 20 to 80% RH  |
| Acoustics                     |   |
| Sound pressure                | 43 dB(A) (active); 29 dB(A) (standby)   |
| Sound power                   | 6.1 B(A) (active); 4.7 B(A) (standby)   |
| Power                         |   |
| Consumption                   | < 120 watts (active), < 27 watts (standby), < 7 watts / < 25 watts with embedded Digital Front End (sleep), 0.1 watts (off)   |
| Requirements                  | Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A max  |
| Certification                 |   |
| Safety                        | USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KATS)                   |
| Electromagnetic               | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC) |
| Environmental                 | ENERGY STAR®; WEEE; EU RoHS; China RoHS; REACH; FEMP; EPEAT Bronze  |
| Warranty                      | Two-year limited hardware warranty  |

## Ordering information

| Product   |   |
|---|---|
| CR652A  | HP DesignJet T1300 1118-mm PostScript Printer                             |
| Accessories   |   |
| CN538A  | HP DesignJet 3-in Core Adapter  |
| Q6709A  | HP DesignJet 44-in Spindle  |
| G6H50B  | HP SD Pro 44-in Scanner   |
| G6H51B  | HP HD Pro 42-in Scanner   |
| J8025A  | HP Jetdirect 640n Print Server  |
| A9D02A  | SCP reprocontrol with Folder Driver for HP                                |
| Original HP printheads  |   |
| C9380A  | HP 72 Gray and Photo Black DesignJet Printhead                            |
| C9383A  | HP 72 Magenta and Cyan DesignJet Printhead                                |
| C9384A  | HP 72 Matte Black and Yellow DesignJet Printhead                          |
| Original HP ink cartridges  |   |
| C9397A  | HP 72 69-ml Photo Black DesignJet Ink Cartridge                           |
| C9398A  | HP 72 69-ml Cyan DesignJet Ink Cartridge                                  |
| C9399A  | HP 72 69-ml Magenta DesignJet Ink Cartridge                               |
| C9400A  | HP 72 69-ml Yellow DesignJet Ink Cartridge                                |
| C9401A  | HP 72 69-ml Gray DesignJet Ink Cartridge                                  |
| C9403A  | HP 72 130-ml Matte Black DesignJet Ink Cartridge                          |
| C9370A  | HP 72 130-ml Photo Black DesignJet Ink Cartridge                          |
| C9371A  | HP 72 130-ml Cyan DesignJet Ink Cartridge                                 |
| C9372A  | HP 72 130-ml Magenta DesignJet Ink Cartridge                              |
| C9373A  | HP 72 130-ml Yellow DesignJet Ink Cartridge                               |
| C9374A  | HP 72 130-ml Gray DesignJet Ink Cartridge                                 |
| CH575A  | HP 726 300-ml Matte Black DesignJet Ink Cartridge                         |
| Original HP large format printing materials   |   |
| C6020B  | HP Coated Paper-914 mm x 45.7 m (36 in x 150 ft)                          |
| C6030C  | HP Heavyweight Coated Paper-914 mm x 30.5 m (36 in x 100 ft)              |
| Q8808A  | HP Premium Satin Photo Paper-914 mm x 22.9 m (36 in x 75 ft)              |
| Service and Support   |   |
| HP578E  | HP 3 year Next Business Day Onsite Support                                |
| HP579E  | HP 3 year 4-hour response, 13x5 Onsite Support                            |
| HP580E  | HP 3 year 4-hour response, 9x5 Onsite Support                             |
| HP587E  | HP 3 year Next Business Day Onsite Support with Defective Media Retention |
| HP592PE   | HP 1 year Post Warranty, Next Business Day Onsite Support                 |
| HP594PE   | HP 1 year Post Warranty, 4-hour response, 13x5 Onsite Support             |
| H4518E  | HP Network Installation Service   |
| H7604E  | HP Installation and Startup Service                                       |
| HP DesignJet Support Services offer solutions for business critical environments—installation, extended support and maintenance, as well as variety of value-added services. For more information, please visit <a href="http://hp.com/go/designjetsupport">hp.com/go/designjetsupport</a> .  |   |
| Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays. For more information, visit <a href="http://hp.com/go/OriginalHPInks">hp.com/go/OriginalHPInks</a> . |   |
| For the entire HP Large Format Printing Materials portfolio, please see <a href="http://HPLFMedia.com">HPLFMedia.com</a> .  |   |
| Eco Highlights  |   |
| Save paper with automatic print settings and two-roll configuration   |   |
| Less ink wasted due to efficient installation and maintenance routines  |   |
| Free, convenient HP ink cartridge and printhead recycling <sup>1</sup>  |   |
| FSC®- and PEFC™-certified HP papers   |   |
| <sup>1</sup> Program availability varies. Please check <a href="http://www.hp.com/recycle">http://www.hp.com/recycle</a> for details.   |   |
| Please recycle large-format printing hardware and printing supplies. Find out how at our website <a href="http://hp.com/ecosolutions">hp.com/ecosolutions</a>   |   |
| <sup>1</sup> Mechanical printing time   |   |
| <sup>2</sup> ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23°C, 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with Original HP inks  |   |
| <sup>3</sup> Measured on HP Matte Film  |   |

