# HP Designjet T1120 Printer series

## Professional CAD printing for demanding workgroups

### Impress clients with professional-quality prints

- Produce highly accurate drawings with a printer and HP Vivera inks that deliver outstanding details—with 0.1% line accuracy.[1]
- Powerful presentations—HP Vivera inks produce a range of colors, from vivid color to soft tones and with true neutral grays.
- Media versatility—including over 35 Original HP media—provides additional flexibility, whether you're printing CAD drawings, renders, or presentations.
- Create stunning large-format posters that convey your message loud and clear. For a 3 month trial period you can use the optional Serif PosterDesigner Pro for HP[2] with this printer.

### Meet your deadlines, even with printing peaks

- Easily meet your deadlines—including occasional printing peaks—with a printer that's up to 3 times faster than the HP Designjet 800 Printer[3].
- Easily control printing tasks—change print job priorities, reprint copies efficiently with the HP Embedded Web Server.
- Get back to work quickly knowing detailed prints are not a problem thanks to in-printer processing architecture and an 80 GB HDD.
- Handle prints right off the printer—fast-drying HP Vivera inks produce smudge-resistant prints.
- Reprint batch HP-GL/2, PPT, and PDF files easily—with the simple click of a button—thanks to the free HP Instant Printing Utility. Reprint full projects easily by simply selecting the batch you want. The printer will manage the batch files to optimize how the print appears on the paper. Utilize print preview to ensure you get correct results the first time.

### Avoid downtime with dependability, compatibility

- You won't overload your network with this Designjet's in-printer processing architecture.
- Upgrade with peace of mind knowing you will be able to reproduce the color of your previous Designjet thanks to color emulation capabilities[4].
- Easily connect to operating systems and applications thanks to HP-GL/2.
- Print it right the first time—HP Professional Color technologies ensure colors on the printed page match the colors on your screen.
- Easily maintain and manage this printer and its supplies with HP Printer Utility, which automatically tells you when intervention is needed.



(1  ±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.

(2  Serif PosterDesigner Pro for HP is an optional feature. Not included, sold separately.

(3  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.

(4  This printer can emulate HP Designjet 500, HP Designjet 800, and HP Designjet 1000 printers.

(5  Mechanical printing time.

(6  Printed on plain media.

(7  Printed on coated media. Measured on a 44-in model.

(8  Printed on glossy media. Measured on a 44-in model.

(9  Only supported through HP Designjet T1120ps Printers

| for CAD, GIS, and workgroups | Print in 35s/D | 6 Colors | 80 GB hard disk | Optional PostScript | Embedded Web Server | HP-GL/2 in-printer processing | 24/44 inches |
|---|---|---|---|---|---|---|---|

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## Technical specifications

| Print speed[5] | | |
|---|---|---|
| Line drawings[6] | Fast: 35 sec/page on D/A1, 72 D/A1 prints per hour (Economode on) | |
| | 56 D/A1 prints per hour (Economode off) | |
| Color images | Fast: 445 ft²/hr (41 m²/hr)[7] | |
| | Best: 30 ft²/hr (2.8 m²/hr)[8] | |

| Printing | | |
|---|---|---|
| Print resolution | Up to 2400 x 1200 optimized dpi | |
| Margins | **Roll:** 0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 x 5 mm) (borderless on photo papers) | |
| | **Sheet:** 0.2 x 0.67 x 0.2 x 0.2 in (5 x 16.75 x 5 x 5 mm) | |
| Technology | HP Thermal Inkjet | |
| Ink cartridge colors | Cyan, gray, magenta, matte black, photo black, yellow | |
| Ink types | Dye-based (cyan, magenta, yellow, gray, photo black); pigment-based (matte black) | |
| Ink drop | 6 pl (cyan, magenta, photo black, gray), 9 pl (yellow, matte black) | |
| Ink cartridge size | 69 ml (photo black, cyan, magenta, yellow, gray) | |
| | 130 ml (matte black, photo black, cyan, magenta, yellow, gray) | |
| Printheads | 3 | |
| Nozzles | 2112 per printhead (2 colors per printhead, 1056 nozzles per color) | |
| Line accuracy | +/- 0.1%[1] | |
| Line width | Minimum line width (HP-GL/2 addressable): 0.0007 in (0.02 mm) | |
| | Guaranteed minimum line thickness (ISO/IEC 13660:2001(E)*: 0.0023 in (0.06 mm) | |
| Maximum print length | 300 ft (91 m) (OS and application dependent) | |

| Memory | 24-in models | 44-in models |
|---|---|---|
| | 320 MB standard memory, 80 GB hard disk | 384 MB standard memory, 80 GB hard disk |

| Media | | |
|---|---|---|
| Handling | Sheet feed, roll feed, automatic cutter | |
| Types | 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) | |
| Weight | 60 to 328 g/m² | |
| Size | **24-in models:** 8.5 x 11 to 24 x 66 in (216 x 279 to 610 x 1676 mm) sheets; | |
| | 11 to 24 in (279 to 610 mm) rolls | |
| | **44-in models:** 8.5 x 11 to 44 x 66 in (216 x 279 to 1118 x 1676 mm) sheets; | |
| | 11 to 44 in (279 to 1118 mm) rolls | |
| Thickness | Up to 31.5 mil (0.8 mm) | |
| Maximum roll length | 300 ft (91 m) | |

| 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 print servers | |
| Print languages (standard) | **HP Designjet T1120 Printer:** HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI | |
| | **HP Designjet T1120ps Printer:** Adobe® PostScript® 3™, Adobe PDF 1.6, 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 10.4/10.5; support for Citrix XenApp and Citrix XenServer environments | |

| Recommended system requirements | | |
|---|---|---|
| Macintosh | Mac OS X 10.4 or higher: PowerPC G4, G5, or Intel® Core™ processor; 1 GB RAM; 2 GB available hard disk space | |
| Windows | Windows XP® Home, Windows XP Professional: Intel Pentium® 4 (1 GHz), 512 MB RAM, 2 GB available hard disk space | |

| Dimensions (w x d x h) | 24-in models | 44-in models |
|---|---|---|
| Printer with stand[11] | 49.7 x 27.2 x 41.2 in (1262 x 690 x 1047 mm) | 69.7 x 27.2 x 41.2 in (1770 x 690 x 1047 mm) |
| Shipping | 56.69 x 30.16 x 30.4 in (1440 x 766 x 763 mm) | 75.98 x 30.16 x 31.15 in (1930 x 766 x 791 mm) |

| Weight | 24-in models | 44-in models |
|---|---|---|
| Printer with stand[11] | 103.6 lb (47 kg) | 189 lb (86 kg) |
| Shipping | 224 lb (102 kg) | 271 lb (123 kg) |

| What's in the box | |
|---|---|
| | Printer, printheads (3 x 2 colors each), introductory ink cartridges, printer stand, quick reference guide, setup poster, Serif PosterDesigner Pro poster, start-up software, power cord |

**Environmental ranges**

| | |
|---|---|
| Operating temperature | 41 to 104° F (5 to 40° C) |
| Recommended operating temperature | 59 to 95° F (15 to 35° C) (depending on paper type) |
| Storage temperature | -13 to 131° F (-25 to 55° C) |
| Operating humidity | 20 to 80% RH |

**Acoustic**

| | |
|---|---|
| Sound pressure, active | 57 dB(A) |
| Sound pressure, standby | 29 dB(A) |
| Sound power, active | 6.9 B(A) |
| Sound power, standby | 4.4 B(A) |

**Power consumption**

| | |
|---|---|
| Maximum | 200 watts (Maximum), 27 watts (Powersave), 0.1 watt (Off) |
| 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 | Compliance for Class B products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC), Taiwan (BSMI) |
| Environmental | EU & China RoHS, WEEE, REACH, EuP |
| ENERGY STAR® qualified models | see: www.hp.com/go/energystar |

**Warranty**

| | |
|---|---|
| | One-year limited hardware warranty |

**HP Care Pack Services**

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|---|---|---|
| 24 in | UN427E | HP 3-Year Next Business Day Onsite Service |
| | H4518E | HP Installation Services with Network Setup |
| | UN424E | HP 3-Year Same Day Onsite Service (9x5) |
| | UN420E | HP 3-Year Same Day Onsite Service (13x5) |
| 44 in | UN442E | HP 3-Year Next Business Day Onsite Service |
| | H4518E | HP Installation Services with Network Setup |
| | UN439E | HP 3-Year Same Day Onsite Service (9x5) |
| | UN435E | HP 3-Year Same Day Onsite Service (13x5) |

For more information, visit our website at:

**www.hp.com/go/designjet1120**