

# HP Designjet T1100 Printer series

Empower CAD and GIS professionals with a single, reliable, large-format printer. Original HP Vivera inks enable impressive detail and accuracy, while convenient technical and manageability features enable workteams to print with confidence.



## Impressive accuracy and detail

Professional projects with neutral gray, true black and impressive colors.

- **Produce exacting detail and precise,** accurate line quality. Using the HP Three-Black Ink set the system produces true neutral gray, accentuating the detail in your prints. Get improved line accuracy to 0.1 percent<sup>1</sup> and 0.0423 mm minimum line width, plus excellent horizontal-to-vertical line-width difference.
- **Present your professional best.** HP Vivera inks produce a wide range of colors, from vivid color to soft tones. With the matte black, photo black, and gray HP Vivera inks, you'll achieve more accurate color and true neutral gray, even on glossy media. And your prints will have smoother area fills, more depth, and more subtle contrasts.
- **Avoid smudges with fast-drying HP Vivera inks.** HP Vivera inks result in prints with excellent smudge-resistance on a range of HP media.

## Fast, easy to share

Boost personal and workgroup productivity.

- **Print CAD and GIS projects as fast as 35 seconds for a D-size page.**<sup>2</sup> The HP Designjet T1100 delivers high-speed printing without sacrificing accurate print quality. HP Scalable Printing Technology is designed to place smaller ink drops precisely for consistent results, even at fast print speeds.
- **Free up workstations and process complex files quickly.** In-printer processing architecture lets you send a file to the printer and get back to work quickly. The printer's 40 GB hard disk provides a large buffer, reducing the chance that your workstation will lock up when printing large files.

And your files travel swiftly over the Internet, without complication, allowing you to print even the most complex files.

- **Change print-job priorities and reprint copies efficiently.** Use the Job Center and HP's embedded web server to control the progress and the priorities of your print jobs, so you can skip the walk to the printer. For easy batch printing, drag and drop a batch of files in any supported format to the Job Center.
- **Print jobs on the correct media every time.** Alerts displayed by HP Easy Printer Care let you know when your print job requires you to change media. The printer continues printing other jobs until you decide to swap media, so your colleagues won't be interrupted.

## Rest assured

Upgrade to a printer you can count on to deliver results.

- **Match your colors from screen to print.** Get the right colors on the first print with screen-to-print matching through a range of HP Professional Color Technologies, including enhanced sRGB and Adobe® RGB printing.
- **Connect easily.** The HP Designjet T1100 readily connects to operating systems and applications thanks to HP-GL/2. HP printer drivers are specially optimized for AutoCAD, providing Windows® ease of use with the performance of HDI. And, Macintosh® drivers are standard with every model. HP Designjet T1100ps Printers deliver more robust connectivity with embedded PostScript/PDF support, printing TIFF and JPEG with embedded ICC profiles, offset emulation, and professional PANTONE® emulation.

<sup>1</sup> +0.1 percent of the specified vector length or +0.1 mm (whichever is greater) at 23° C (73° F), 50–60 percent relative humidity, on E/AO printing material in best or normal mode with HP Matte Film.

<sup>2</sup> Mechanical printing time on plain media in fast mode with economode on.

# HP Designjet T1100 Printer series

1. Roll feed accommodates media rolls up to 300 ft
2. HP Vivera ink supplies up to 130 ml
3. Four long-life printheads featuring HP Scalable Printing Technology
4. Easy-to-reach, intuitive front panel
5. 40GB hard disk for large files and file queuing
6. Media stand and bin collect drawings as they print
7. USB, Ethernet connection ensures easy workgroup integration
8. EIO slot accommodates an array of HP JetDirect options



## Printer series at a glance

### HP Designjet T1100 Printer:

- Choice of 24-inch and 44-inch models
- Drivers for Windows and Macintosh
- 256MB RAM and 40GB hard disk
- Direct file submission of HP RTL, HP-GL/2, and CALS files

### HP Designjet T1100ps Printer:

- Choice of 24-inch and 44-inch models
- Drivers for Windows and Macintosh
- Embedded Adobe PostScript 3 RIP
- 256MB RAM and 40GB hard disk
- Direct file submission of HP RTL, HP-GL/2, CALS, TIFF, JPEG, PostScript, and PDF files

### Options

- Additional spindles for easy media swapping
- Installation service
- Warranty extensions or upgrades
- HP Jetdirect network solutions



## HP 72 Printheads

### **Built with HP Scalable Printing Technology**

HP Scalable Printing Technology uses uniquely constructed printheads that yield faster speeds, so you're more productive. Accurate drop placement ensures your work looks its best. And longer printhead life saves you time and money.

## HP 72 Vivera inks

### **Tested to ensure results**

Superior HP engineering isn't just for hardware. Original HP Vivera inks are formulated through a process of rigorous testing. Ink chemists typically design up to 1000 prototype ink formulations while developing a new ink—and all HP inks are subjected to more than 20 tests for purity to prevent problems that degrade image quality. You can be confident that with HP 72 Vivera inks, you'll get consistently crisp, clear, accurate lines, and vivid color—even true neutral grays—in fast-drying, smudge-resistant prints.

## HP media

### **Matched to your job**

Print lots of drafts just for review? Choose a jumbo roll of HP Bright White Inkjet Bond Paper. Need to print a really dense map that will get handled a lot? Try HP Super Heavyweight Plus Matte Paper. Want to make a good impression in your presentation? HP Self-Adhesive Gloss Polypropylene is just what you need for your project boards. Choose from over 20 Original HP substrates, all designed together with HP Vivera inks to bring professional results to your projects, day after day.

## HP Services

### **Here to help**

Want to ensure your printer is always available and productive? Check out HP Care Pack Services for installation and multi-year on-site services. Experts are available with technical phone, web and on-site services to make sure you get the most efficient use of your printer. Competitively priced, flexible packages let you select service levels, hours of coverage and response times that meet your needs.

# HP Designjet T1100 Printer series

## Technical specifications

<b>Print speed<sup>3</sup></b>	Fast: 35 sec/page on D/A1, 70 D/A1 prints per hour (Economode on)
<b>Line drawings<sup>4</sup></b>	52 D/A1 prints per hour (Economode off)
<b>Color images</b>	Fast: 445 ft <sup>2</sup> /hr (41 m <sup>2</sup> /hr) <sup>5</sup> Best: 30 ft <sup>2</sup> /hr (2.8 m <sup>2</sup> /hr) <sup>6</sup>
<b>Print resolution maximum</b>	2400 x 1200 optimized dpi
<b>Memory</b>	256 MB standard memory, 40 GB hard disk
<b>Media Handling</b>	Roll feed, sheet feed
<b>Types</b>	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight coated, super heavyweight plus matte, coloured), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl)
<b>Weight</b>	60 to 328 g/m <sup>2</sup>
<b>Size:</b>	24-inch models: 8.5 to 24-inch wide sheets, 11 to 24-inch rolls 44-inch models: 8.5 to 44-inch wide sheets, 11 to 44-inch rolls
<b>Thickness</b>	Up to 31.5 mil
<b>Maximum roll length</b>	300 ft/91 m
<b>Printing Margins</b>	<b>Roll:</b> 0.2 x 0.2 x 0.2 x 0.2 in./5 x 5 x 5 mm (borderless on photo papers) <b>Sheet:</b> 0.2 x 0.67 x 0.2 x 0.2 in./5 x 16.75 x 5 mm
<b>Technology</b>	HP Thermal Inkjet
<b>Ink cartridge colors</b>	Cyan, gray, magenta, matte black, photo black, yellow
<b>Ink types</b>	HP Vivera Inks
<b>Ink drop</b>	6 pl (cyan, magenta, photo black, gray), 9 pl (yellow, matte black)
<b>Ink cartridge size</b>	69 ml (photo black, cyan, magenta, yellow, gray) 130 ml (matte black, photo black, cyan, magenta, yellow, gray)
<b>Nozzles</b>	1056
<b>Maximum line width</b>	0.002 in./0.0423 mm
<b>Line accuracy</b>	+/- 0.1%
<b>Maximum print length</b>	300 ft/91 m (OS and application dependent)
<b>Connectivity</b>	
<b>Interfaces (standard)</b>	One 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one EIO JetDirect accessory slot
<b>Interfaces (optional)</b>	HP JetDirect print servers
<b>Print languages (standard)</b>	<b>HP Designjet T1100 Printer:</b> HP-GL/2, RTL, CALS/G4, HP PCL3GUI <b>HP Designjet T1100ps Printer:</b> Adobe PostScript, Adobe PDF 1.6, HP-GL/2, RTL, CALS/G4, TIFF, JPEG, HP PCL3GUI
<b>Drivers (included)</b>	<b>HP Designjet T1100 Printer:</b> HP-GL/2, HP-RTL Windows drivers; Optimized Windows driver for AutoCAD 2000 and higher; support for Citrix MetaFrame environments; HP PCL3GUI driver for Mac OS X <b>HP Designjet T1100ps Printer:</b> HP-GL/2, HP-RTL Windows drivers; PS Windows drivers; Optimized Windows driver for AutoCAD 2000 and higher; support for Citrix MetaFrame environments; PS driver for Mac OS X
<b>Environmental ranges</b>	
<b>Operating temperature</b>	41 to 104° F/5 to 40° C
<b>Recommended operating temperature</b>	59 to 95° F/15 to 35° C (depending on paper type)
<b>Storage temperature</b>	-13 to 131° F/-25 to 55° C
<b>Operating humidity</b>	20 to 80% RH
<b>Acoustic</b>	
<b>Sound pressure, active</b>	44 dB(A)
<b>Sound pressure, standby</b>	29 dB(A)
<b>Sound power, active</b>	6.5 B(A)
<b>Sound power, standby</b>	4.4 B(A)
<b>Power consumption</b>	
<b>Maximum</b>	200 watts
<b>Powersave</b>	27 watts
<b>Off</b>	0.1 watts
<b>Power requirements</b>	Input voltage (autoranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 amp max
<b>Certification</b>	
<b>Safety</b>	United States and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE)
<b>Electromagnetic</b>	Compliance for Class B products: EU (EMC Directive), United States (FCC Rules), Canada (DoC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (MIC), Taiwan (BSMI)
<b>Environmental</b>	ENERGY STAR <sup>®</sup> qualified models; see: <a href="http://www.hp.com/go/energystar">http://www.hp.com/go/energystar</a> , EU WEEE, and RoHS Directives
<b>Warranty</b>	One-year, next-business-day, on-site warranty
<b>Service and support</b>	
<b>Care packs</b>	H4518E HP Onsite Network Installation UG723E HP 3-Year Next Business Day Hardware Support UG728PE HP 1-Year Post-Warranty Next Business Day Hardware Support

For more information, visit our website at [www.hp.com/go/designjetT1100](http://www.hp.com/go/designjetT1100)



<sup>3</sup> Mechanical printing time.

<sup>4</sup> Printed on plain media.

<sup>5</sup> Printed on coated media. Measured on a 44-inch model.

<sup>6</sup> Printed on glossy media. Measured on a 44-inch model.

<sup>7</sup> ±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



<b>Recommended system requirements</b>	
<b>Macintosh</b>	Mac OS X v 10.2, Mac OS X v 10.3, Mac OS X v 10.4 or higher; PowerPC G4, G5, or Intel Core Processor; 1 GB RAM; 2 GB available hard disk space
<b>Windows</b>	Windows 2000: Intel Pentium III (733 MHz), 512 MB RAM, 2 GB available hard disk space; Windows XP Home, Windows XP Professional: Intel Pentium IV (1 GHz), 512 MB RAM, 2 GB available hard disk space
<b>Dimensions (w x d x h)</b>	
<b>Printer</b>	<b>24-inch models:</b> 49.7 x 26 x 41.2 in./1262 x 661 x 1047 mm <b>44-inch models:</b> 69.7 x 26 x 41.2 in./1770 x 661 x 1047 mm
<b>Shipping</b>	<b>24-inch models:</b> 65.3 x 30.3 x 29.1 in./1660 x 770 x 740 mm <b>44-inch models:</b> 77.3 x 30.7 x 30.7 inch/1965 x 780 x 780 mm
<b>Weight</b>	
<b>Printer</b>	24-inch models: 143 lb/65 kg 44-inch models: 189 lb/86 kg
<b>Shipping</b>	24-inch models: 225 lb/102 kg 44-inch models: 271 lb/123 kg

### What's in the box

**24-inch models:** Printer, printheads (3 x 2 colors), ink cartridges (5 x 69 ml, 1 x 130 ml), coated paper sample roll (24 in. x 25 ft), stand, rear tray (24 in.), 3-inch spindle adaptor kit, quick reference guide, setup poster, legal document, doc and drivers DVD, Autodesk Design Review CD, customer service guide, interface cable, power cord

**44-inch models:** Printer, printheads (3 x 2 colors), ink cartridges (6 x 130 ml), coated paper sample roll (24 in. x 25 ft), stand, rear tray (44 in.), 3-inch spindle adaptor kit, quick reference guide, setup poster, legal document, doc and drivers DVD, Autodesk Design Review CD, customer service guide, interface cable, power cord

### Ordering information

#### Product

Q6683A HP Designjet T1100 24-inch Printer  
Q6684A HP Designjet T1100ps 24-inch Printer  
Q6687A HP Designjet T1100 44-inch Printer  
Q6688A HP Designjet T1100ps 44-inch Printer

#### Accessories

Q6663A HP Designjet Zx100/Tx100/Tx10 24-inch Stand  
Q6700A HP Designjet Zx100/Tx100/Tx10 24-inch Spindle  
Q6709A HP Designjet Tx100/Tx10 44-inch Spindle  
J7934G HP JetDirect 620n Fast Ethernet Print Server  
J7960G HP JetDirect 625n Gigabit Ethernet Print Server  
J7961G HP JetDirect 635n IPv6/IPsec Print Server  
J7997G HP JetDirect 630n IPv6 Gigabit Print Server

#### Printheads

C9380A HP 72 Gray and Photo Black Printhead  
C9383A HP 72 Magenta and Cyan Printhead  
C9384A HP 72 Matte Black and Yellow Printhead

#### 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

#### Media supplies

Q6627A HP Super Heavyweight Plus Matte Paper 36 in. x 100 ft/914 mm x 30.5 m  
Q6628A HP Super Heavyweight Plus Matte Paper 42 in. x 100 ft/1067 mm x 30.5 m  
C6030C HP Heavyweight Coated Paper 36 in. x 100 ft/914 mm x 30.5 m  
C6569C HP Heavyweight Coated Paper 42 in. x 100 ft/1067 mm x 30.5 m  
Q1956A HP Heavyweight Coated Paper 42 in. x 225 ft/1067 mm x 67.5 m  
C6019B HP Coated Paper 24 in. x 150 ft/610 mm x 45.7 m  
C6020B HP Coated Paper 36 in. x 150 ft/914 mm x 45.7 m  
C6980A HP Coated Paper 36 in. x 300 ft/914 mm x 91.4 m  
C6035A HP Bright White Inkjet Bond Paper 24 in. x 150 ft/610 mm x 45.7 m  
C6036A HP Bright White Inkjet Bond Paper 36 in. x 150 ft/914 mm x 45.7 m  
C6810A HP Bright White Inkjet Bond Paper 36 in. x 300 ft/914 mm x 91.4 m  
Q1397A HP Universal Inkjet Bond Paper 36 in. x 150 ft/914 mm x 45.7 m  
C3868A HP Natural Tracing Paper 36 in. x 150 ft/914 mm x 45.7 m  
C3875A HP Clear Film 36 in. x 75 ft/914 mm x 22.9 m  
51642B HP Matte Film 36 in. x 125 ft/914 mm x 38.1 m  
Q1427A HP Universal High-gloss Photo Paper 36 in. x 100 ft/914 mm x 30.5 m  
Q1421A HP Universal Semi-gloss Photo Paper 36 in. x 100 ft/914 mm x 30.5 m  
Q8834A HP Self Adhesive satin/gloss Polypropylene 36 in. x 75 ft/914 mm x 22.9 m

More HP media sizes and weights available at [www.hp.com/go/designjet/supplies](http://www.hp.com/go/designjet/supplies)

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