

# HP Designjet T1100 Printer series

A trusted choice for demanding professionals

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 Original 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. Three long-life printheads featuring HP Scalable Printing Technology
4. Easy-to-reach, intuitive front panel
5. 40 GB 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- and 44-inch models
- Drivers for Windows and Macintosh
- 256 MB RAM and 40 GB hard disk
- Direct file submission of HP RTL, HP-GL/2, and CALS files

### HP Designjet T1100ps Printer:

- Choice of 24- and 44-inch models
- Drivers for Windows and Macintosh
- Embedded Adobe® PostScript® 3™ RIP
- 256 MB RAM and 40 GB 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.

## Original 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> <b>Line drawings<sup>4</sup></b>	Fast: 35 sec/page on D/A1, 70 D/A1 prints per hour (Economode on) 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>
Print resolution maximum	2400 x 1200 optimized dpi
Memory	256 MB standard memory, 40 GB hard disk
Media Handling	Roll feed, sheet feed
Types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight coated, super heavyweight plus matte, colored), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), backlit material, self-adhesive material (two-view cling, indoor paper, polypropylene, vinyl)
Weight	60 to 328 g/m <sup>2</sup>
Size:	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
Thickness	Up to 31.5 mil
Maximum roll length	300 ft/91 m
<b>Printing</b>	
Margins	<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 x 5 mm
Technology	HP Thermal Inkjet
Ink cartridge colors	Cyan, gray, magenta, matte black, photo black, yellow
Ink types	HP Vivera inks
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)
Nozzles	1056 per color
Maximum line width	0.002 in./0.0423 mm
Line accuracy	+/- 0.1% <sup>7</sup>
Maximum print length	300 ft/91 m (OS and application dependent)
<b>Connectivity</b>	
Interfaces (standard)	One 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one EIO Jeldirect accessory slot
Interfaces (optional)	HP Jeldirect print servers
Print languages (standard)	<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
Drivers (included)	<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>	
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
<b>Acoustic</b>	
Sound pressure, active	44 dB(A)
Sound pressure, standby	29 dB(A)
Sound power, active	6.5 B(A)
Sound power, standby	4.4 B(A)
<b>Power consumption</b>	
Maximum	200 watts
Powersave	27 watts
Off	0.1 watts
Power requirements	Input voltage (auto-ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 amp max
<b>Certification</b>	
Safety	United States 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), United States (FCC Rules), Canada (DoC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (MIC), Taiwan (BSMI)
Environmental	ENERGY STAR <sup>®</sup> qualified models; see: <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a> , WEEE, RoHS
<b>Warranty</b>	One-year, next business day, on-site warranty
<b>HP Care Pack Services</b>	H4518E HP Onsite Installation with Network Configuration UG723E HP 3-Year Next Business Day Onsite Service UG724E HP 4-Year Next Business Day Onsite Service UG725E HP 5-Year Next Business Day Onsite Service UG728PE HP 1-Year Post-Warranty Next Business Day Service

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 is greater) at 23° C (73° F), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film.

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<b>Recommended system requirements</b>	
Macintosh	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 <sup>®</sup> Core Processor; 1 GB RAM; 2 GB available hard disk space
Windows	Windows 2000: Intel Pentium <sup>®</sup> 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>	
Printer	<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
Shipping	<b>24-inch models:</b> 57.9 x 30.7 x 29.1 in./1470 x 780 x 740 mm <b>44-inch models:</b> 77.3 x 30.7 x 30.7 in./1965 x 780 x 780 mm
<b>Weight</b>	
Printer	24-inch models: 143 lb/65 kg 44-inch models: 189 lb/86 kg
Shipping	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 each), introductory ink cartridges, 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 each), introductory ink cartridges, 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

Q6700A HP Designjet Zx100/Tx100/Tx10 24-inch Spindle  
Q6709A HP Designjet Tx100/Tx10 44-inch Spindle  
J7934G HP Jeldirect 620n Fast Ethernet Print Server  
J7961G HP Jeldirect 635n IPv6/IPsec Print Server  
J7997G HP Jeldirect 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 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)

