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 percent¹ 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 contrast.

- **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.**² 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.

¹ +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.

² 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.

**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

Print speed
Fast: 35 sec/page on D/A1, 70 D/A1 prints per hour (Economode on)
52 D/A1 prints per hour (Economode off)

Line drawings
Printed on coated media. Measured on a 44-inch model.

Color images
Printed on glossy media. Measured on a 44-inch model.

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, coated), photographic paper (gloss, 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)

Weight
60 to 328 g/m²

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

Printing

Margins
Rollover: 0.2 x 0.2 x 0.2 x 0.2 in./5 x 5 x 5 x 5 mm (bord foul on photo papers)
Sheet: 0.2 x 0.67 x 0.2 x 0.2 in./5 x 17.65 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 size
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 (matt black, photo black, cyan, magenta, yellow, gray)

Nozzles
1056

Maximum line width
0.002 in./0.024 mm

Line accuracy
+/-.01%

Maximum print length
300 ft/91 m (OS and application dependent)

Connectivity
Interfaces (standard)
One 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one EIO jetDirect accessory slot

Interfaces (optional)
HP JetDirect print servers

Print languages (standard)
HP Designjet T1100 Printers: HPGL/2, RTL, CALS/G4, HP PCL3GUI
HP Designjet T1100ps Printer: Adobe PostScript, Adobe PDF 1.6, HPGL2/RTL, CALS/G4, TIFF, JPEG, HP PCL3GUI

Drivers (included)
HP Designjet T1100ps Printer: HPGL/2, HPRTL Windows drivers; Optimized Windows drivers for AutoCAD 2000 and higher; support for Citrix MetaFrame environments, HP PCL3GUI driver for Mac OS X

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

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
44 dB(A)
Sound pressure, standby
29 dB(A)
Sound power, active
6.5 B(A)
Sound power, standby
4.4 B(A)

Power consumption
Maximum
200 watts
Power save
27 watts
Off
0.1 watts

Power requirements
Input voltage (autorangeing): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 amp max

Certification
Safety
United States and Canada (CSA certified), EU (EVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (ARMA), Mexico (NYCE)

Electromagnetic
Compliance for Class B products: EU (EMC Directive), United States (FCC Rules), Canada (IC), Australia (ACMA), New Zealand (MesyCo), China (C.C.C), Japan (VCCI), Certified as Class A product: Korea (MIC), Taiwan (BSMI)

Environmental
ENERGY STAR® qualified models; see: http://www.hp.com/go/energystar, EU WEEE, and/or other countries.

Warranty
One-year, next business day, on-site warranty

Service and support
Care packs
H4518E HP Onsite Installation With Network Configuration
U723E HP 3-Year Next Business Day Onsite Service
U724E HP 4-Year Next Business Day Onsite Service
U725E HP 5-Year Next Business Day Onsite Service
U728PE HP 1-Year Post Warranty Next Business Day Service

For more information, visit our website at www.hp.com/go/designjet1100

© 2007 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Adobe is a trademark of Adobe Systems Incorporated. Intel and Pentium are registered trademarks of Intel Corporation or its subsidiaries in the United States and/or other countries. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks.