



Empower CAD and GIS professionals with a reliable, large-format printer that they can effectively share. High-quality professional output is sure to impress clients, while convenient technical and manageability features enable confident workteam printing.

## IMPRESS YOUR CLIENTS WITH PROFESSIONAL-QUALITY PRINTS

- **Produce exacting detail and precise, accurate line quality.** Using the HP Three-black ink set—including a gray HP Vivera Ink—the system produces true neutral gray, accentuating the detail in your prints. Improved line accuracy to 0.1%<sup>(1)</sup> and 0.0423 mm minimum line width achieve outstanding horizontal-to-vertical line-width difference.
- **Present your professional best.** HP Vivera Inks were designed specifically for the HP Designjet T1100 Printer series to produce a wide range of vivid colors. With the addition of gray ink, you achieve more accurate color and true neutral gray. So your prints have smooth area fills, more depth, and more subtle contrasts, from the most vivid color to the softest tones.
- **Posters, presentations make a powerful impression.** Impress your audience. Produce outstanding image quality enabled by the matte black, photo black, and gray HP Vivera Inks in the Three-black ink set. Achieve hard-to-achieve tones like dark blacks and true neutral grays, even on glossy media, to bring a new level of clarity and professionalism to your work.
- **Your work is preserved with the smudge-resistant prints produced by fast-drying HP Vivera Inks.** Rest assured that all the time and effort you put into each print is preserved. HP Vivera Inks achieve excellent dry times, producing prints with excellent smudge-resistance on a range of HP media.
- **Count on consistent, professional prints with over 20 Original HP media substrates—designed together with HP Vivera inks to work better together.**



## FAST CAD AND GIS PRINTING ENABLES MORE EFFICIENT WORKTEAMS

- **Print CAD & GIS projects quickly and accurately—up to 35 seconds/A1 page<sup>(2)</sup>—with HP Scalable Printing Technology.** Print projects up to 3 times faster than with the HP Designjet 800 Printer.<sup>(3)</sup> Print an A1 page in up to 35 seconds.<sup>(2)</sup> HP's innovative, large printhead technology is designed for accurate placement of smaller drops at high speed for consistent results even at fast print speeds.
- **In-printer processing architecture frees up workstations and processes complex files quickly.** With this printer's in-printer processing architecture, files are processed in the printer rather than on your workstation so you can send a file to the printer and get back to work quickly. The printer's internal 40 GB hard disk provides a large buffer, reducing the chance that your workstation will lock up when printing large files.
- **Change print job priorities and reprint copies efficiently with the Job Center and HP's embedded Web server.** Unexpected issues, like urgent print jobs, are a reality. Better accommodate these situations with greater control over print jobs and print functions. Control the progress and the priorities of your print jobs without walking to the printer. With batch printing, instead of opening individual files and changing their settings, drag and drop your batch of files to the Job Center<sup>(4)</sup> for easy reprinting.
- **Send jobs to the printer regardless of the media that's loaded and 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. But these alerts do not stop the printer; it continues printing other jobs until you decide to swap media, so your colleagues will not be disturbed.
- **HP Jetdirect networking, including IPv6 and Gigabit Ethernet, supports high-speed printing and workteam productivity—now and in the future.**

## REST ASSURED—UPGRADE TO A PRINTER YOU KNOW YOU CAN COUNT ON

- **Send and print large jobs reliably over the network with in-printer processing architecture.** Busy network, no problem. With embedded HP-GL/2 and PostScript,<sup>(5)</sup> your files travel swiftly over the Internet without complication, allowing you to print even the most complex files.
- **Color emulation ensures that the colors produced are consistent—across other HP Designjet printers.<sup>(6)</sup>** With color emulation capabilities, the HP Designjet T1100 Printer series can emulate the colors produced on HP Designjet 500, HP Designjet 800, and HP Designjet 1000 printers so you see the colors you expect and can more effectively and confidently utilize the resources you have.
- **The colors on the printed page match the colors on your screen with HP Professional Color Technologies.** The HP Designjet T1100 Printer series enables you to 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 AdobeRGB printing, Closed Loop Color calibration, TIFF and JPEG with embedded ICC profiles, offset emulation, Black Point compensation, and Pantone calibration.<sup>(5)</sup>
- **Safe purchase—this printer readily connects to operating systems and applications thanks to HP-GL/2.** With embedded HP-GL/2 and RTL, most CAD applications on a wide range of operating systems are supported. HP printer drivers are specially optimized for AutoCAD, providing Windows ease of use with the performance of HDI.

(1)  $\pm 0.1\%$  of the specified vector length or  $\pm 0.1$  mm (whichever greater) at 23° C (73° F), 50–60% 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.

(3) Based on 4 copies of 50 A1 pages using normal print quality on plain paper. Intervention time not included.

(4) Files supported by HP-GL/2, CALS/G4

(5) Embedded PostScript support is available on HP Designjet T1100ps printers only.

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



# HP Designjet T1100 Printer series



## Technical specifications

<b>Print speed<sup>7</sup></b>	<b>Line drawings<sup>8</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: 530 ft <sup>2</sup> /hr (48 m <sup>2</sup> /hr) <sup>9</sup> Best: 30 ft <sup>2</sup> /hr (2.8 m <sup>2</sup> /hr) <sup>10</sup>
<b>Print resolution maximum</b>	2400 x 1200 optimized dpi
<b>Memory</b>	256 MB standard memory, 40 GB hard disk
<b>Media</b>	Roll feed, sheet feed 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)
Handling Types	60 to 328 g/m <sup>2</sup> <b>24-in models:</b> 8.5 to 24 in wide sheets, 11 to 24 in rolls <b>44-in models:</b> 8.5 to 44 in wide sheets, 11 to 44 in rolls
Weight Size	Up to 31.5 mil 300 ft/91 m
Thickness Maximum roll length	<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 HP Thermal Inkjet Cyan, gray, magenta, matte black, photo black, yellow HP Viverra Inks 6 pl (cyan, magenta, photo black, gray), 9 pl (yellow, matte black) 69 ml (photo black, cyan, magenta, yellow, gray) 130 ml (matte black, photo black, cyan, magenta, yellow, gray) 1056 0.002 in/0.0423 mm +/- 0.1% <sup>11</sup> 300 ft/91 m (OS and application dependent)
<b>Printing</b>	
Margins	
Technology	
Ink cartridge colors	
Ink types	
Ink drop	
Ink cartridge size	
Nozzles	
Minimum line width	
Line accuracy	
Maximum print length	
<b>Connectivity</b>	
Interfaces (standard)	Two 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one EIO JetDirect accessory slot HP Jetdirect print servers <b>HP Designjet T1100 Printer:</b> HP-GL2/RTL, CALS/G4, HP PCL3GUI <b>HP Designjet T1100ps Printer:</b> Adobe PostScript, Adobe PDF 1.6, HP-GL2/RTL, CALS/G4, TIFF, JPEG, HP PCL3GUI <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

<sup>7</sup> Mechanical printing time.  
<sup>8</sup> Printed on plain media.  
<sup>9</sup> Printed on coated media. Measured on a 44-in model.  
<sup>10</sup> Printed on glossy media. Measured on a 44-in model.  
<sup>11</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 Matte Film.

<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 (autoranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 amp max
<b>Certification</b>	<b>Safety:</b> USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYSCE) <b>Electromagnetic:</b> Compliance for Class B products: EU (EMC Directive), USA (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, EU WEEE and RoHS Directives
<b>Warranty</b>	One-year, next-business-day, on-site warranty
<b>Service and support</b>	
Care packs	UG742A HP 3 year next business day hardware support (EMEA only) UG746E HP 3 year, 4 hour response time, 13x5 same day onsite hardware support (EMEA only) UG723E HP 3 year next business day hardware support (not EMEA) UG727E HP 3 year, 4 hour response time, 13x5 same day onsite hardware support (not EMEA)

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

<b>Recommended system requirements</b>	Macintosh Windows	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 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>	Printer Shipping	<b>24-in models:</b> 49.7 x 26 x 15.4 in 1262 x 661 x 391 mm <b>44-in models (with stand):</b> 69.7 x 26 x 41.2 in 1770 x 661 x 1047 mm <b>24-in models:</b> 65.3 x 30.3 x 23.2 in 1660 x 770 x 590 mm <b>44-in models (with stand):</b> 77.3 x 30.7 x 30.7 in 1965 x 780 x 780 mm
<b>Weight</b>	Printer Shipping	<b>24-in models:</b> 103.6 lb/47 kg <b>44-in models (with stand):</b> 189 lb/86 kg <b>24-in models (with stand):</b> 195 lb/88.5 kg <b>44-in models:</b> 271 lb/123 kg

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

## Ordering information

<b>Product</b>	Q6683A HP Designjet T1100 24-in Printer Q6684A HP Designjet T1100ps 24-in Printer Q6687A HP Designjet T1100 44-in Printer Q6688A HP Designjet T1100ps 44-in Printer
<b>Accessories</b>	Q6663A HP Designjet Zx100/Tx100/Tx10 24-in Stand Q6700A HP Designjet Zx100/Tx100/Tx10 24-in Spindle Q6709A HP Designjet Tx100/Tx10 44-in Spindle J7934G HP Jetdirect 620n Fast Ethernet Print Server J7960G HP Jetdirect 625n Gigabit Ethernet Print Server J7961A HP Jetdirect 635n IPv6/IPv6c Print Server
<b>Printheads</b>	C9380A HP 72 Gray & Photo Black Printhead C9383A HP 72 Magenta & Cyan Printhead C9384A HP 72 Matte Black & Yellow Printhead
<b>Ink cartridges</b>	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
<b>Media supplies</b>	Q6627A HP Super Heavyweight Plus Matte Paper 36 in x 100 ft/914 mm x 30.5 m (NA, EMEA, AP only) Q6628A HP Super Heavyweight Plus Matte Paper 42 in x 100 ft/1067 mm x 30.5 m (NA, EMEA, AP only) 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 (NA & EMEA only) 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 (NA, LAR, EMEA, AP only) C6036A HP Bright White Inkjet Bond Paper 36 in x 150 ft/914 mm x 45.7 m (NA, LAR, EMEA, AP only) 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 (NA, EMEA, AP only) Q1421A HP Universal Semi-gloss Photo Paper 36 in x 100 ft/914 mm x 30.5 m (NA, EMEA, AP only) Q8834A HP Self Adhesive satin/gloss Polypropylene 36 in x 75 ft/914 mm x 22.9 m Q1442A HP Coated Paper (A1) 23.39 in x 150 ft/594 mm x 45.7 m (EMEA & JP only) Q1441A HP Coated Paper (A0) 33.11 in x 150 ft/841 mm x 45.7 m (EMEA & JP only) Q1445A HP Bright White Inkjet Bond Paper (A1) 23.39 in x 150 ft/594 mm x 45.7 m (EMEA & JP only) Q1444A HP Bright White Inkjet Bond Paper (A0) 33.11 in x 150 ft/841 mm x 45.7 m (EMEA & JP only)

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

