



## HP Designjet T Printer Series

### Overview

The new HP Designjet T Printer series brings an exceptional level of print quality and productivity to architecture, engineering, construction and GIS professionals and work teams. Offering fast print speeds and excellent image quality, the HP Designjet T Printer series supports HP's leadership position as the trusted choice in the large-format printing market.

The new HP Designjet T Printer series, including the HP Designjet T610 and T1100 Printer series, incorporates technology innovations, such as the Three-black ink set and new printheads, designed to deliver superior results. The Three-black ink set produces true neutral grays, enabling enhanced detail and hard-to-achieve tones, and combined with the HP Vivera inks produce images with even, subtle contrasts from vivid color to soft tones. And with HP's innovative, large printhead design, the printing system produces pinpoint line accuracy and crisp text with improved line accuracy to 0.1%.<sup>(1)</sup>

With enhanced versatility and reliability, the HP Designjet T610 and T1100 Printer series are designed to be trusted products that more customers can depend on in their daily work. These printers offer compatibility with CAD applications and readily connect to operating systems with HP-GL/2. In addition, the HP Designjet T Printer series' in-printer processing architecture enables quick, efficient processing of files in the printer – no matter the complexity – without tying up workstation or requiring powerful networks and computer devices.

### New HP Designjet T series increases CAD/GIS personal and work team productivity

The HP Designjet T Printer series saves time and works faster than ever. Users can print full CAD/GIS projects up to three times faster than previous HP Designjet models, such as the HP Designjet 800 Printer series.<sup>(2)</sup> The HP Designjet T610 and T1100 Printer series can print an A1/D page in 35 seconds.<sup>(3)</sup>

The HP Designjet T610 6-ink printing system is a versatile solution that produces professional-quality output at amazing speeds. Ideal for CAD and GIS professionals who require convenient printing in-house, the HP Designjet T610 is perfect for personal use, smaller offices and studio environments.

Leveraging the same technologies that power the HP Designjet T610, the HP Designjet T1100 Printer series also offers enhanced networking capabilities and is designed to be shared efficiently among multiple users in a network environment. The HP Designjet T1100 Printer series' 40GB hard disk drives the robust in-printer processing architecture, with an unlimited buffer size enabling more efficient collaboration for team members, processing complex files and full projects quickly in the printer, rather than tying up

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workstations. In addition, the Designjet T1100's Job Center enables users to better manage the job queue by allowing them to change print job priorities quickly, easily reprint copies of a job and send any job to the printer regardless of the media already loaded thanks to job alerts.

For teams of GIS practitioners, industrial designers or mixed workgroups with drafters and graphic designers, the HP Designjet T1100ps features an embedded Adobe postscript driver for additional compatibility and support for graphic design applications, including PS/PDF, TIFF and JPEG. Additionally, the HP Designjet T1100MFP, built to work together with the HP Designjet T1100 Printer series, brings complete scan and copy functionality and provides high-quality resolution to create precise and detailed output.

### **Key features and benefits**

- Improved line accuracy to 0.1% and 0.0423 mm minimum line width<sup>(1)</sup>
- Up to three times faster than previous HP Designjet models<sup>(2)</sup>, printing A1/D size in 35 seconds<sup>(3)</sup>
- A wide range of vivid colors produced by Original HP Vivera inks. With the addition of gray ink in the HP Three-black ink set, the printing system achieves more accurate color and true neutral gray for smooth area fills, more depth, and more subtle contrasts, from the most vivid color to the softest tones
- The in-printer processing architecture in the HP Designjet T610 and T100 Printer series processes files in the printers rather than the workstation so users can send a file to the printer and get back to work quickly. Plus, the HP Designjet T1100 Printer series' internal 40 GB hard disk gives users the flexibility to process any file, no matter the size or complexity
- Change print job priorities and reprint copies efficiently with the Job Center in HP's Embedded Web Server on the HP Designjet T1100
- The HP Designjet T1100's HP JetDirect networking, including IPv6 and gigabit Ethernet, supports high-speed printing and workteam productivity – now and in the future
- Technical professionals using the HP Designjet T610 and T1100 Printer series can also rest assured knowing the colors they see on the screen will match the output from the printer with HP Professional Color Technologies, including enhanced sRGB, AdobeRGB printing and Closed Loop Color calibration. In addition, the HP Designjet T1100ps will also offer TIFF and JPEG with embedded ICC profiles, Black Point compensation, and PANTONE emulations
- The HP Designjet T Printer series' color emulations ensure that colors produced are consistent across HP Designjet printers, including the HP Designjet 500, 800 and 1000 series, enabling more collaboration and consistent colors with other HP Designjet printer users
- Consistent, professional prints with over 20 Original HP media substrates, including bond and coated, technical, and photographic papers, film, and backlit and self-adhesive materials – designed together with HP Vivera inks to work better together including excellent dry-time and smudge-resistance.

- Increase productivity, lower costs and save time by printing on true metric-sized media, including a range of bond and coated papers that allow for true 5mm margins
- The HP Designjet T Series is PC and Mac compatible<sup>(4)</sup>
- The HP Designjet T610 and T1100 Printer series will be compatible with the industry's key CAD and GIS applications, such as AutoCAD, ESRI , Bentley and Dassault Systèmes

### Services and support

With 65,000 service professionals in 165 countries, HP Imaging and Printing Services offer responsive, qualified support – no matter where you are. Choose from convenient HP Care Pack services or configure your own HP service contract.

### Technical specifications

- Print speeds:
  - Line drawings: 35 sec/page on A1/D, 70 A1/D prints per hour with Economode on; 52 A1/D prints per hour with Economode off
  - Color images: 445 ft<sup>2</sup>/hr (41 m<sup>2</sup>/hr) in Fast mode; 30 ft<sup>2</sup>/hr (2.8 m<sup>2</sup>/hr) in Best mode
- Maximum print resolution: 2400 x 1200 optimized dpi
- 6-ink printing system with Original HP 72 Ink Cartridges with HP Vivera inks: cyan, gray, magenta, matte black, photo black, yellow
- Standard Connectivity: Two 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one EIO JetDirect accessory slot

### Accessories

- HP Designjet T Printer series 24-inch Spindle (Q6700A)
- HP Designjet T Printer series 44-inch Spindle (Q6709A)
- HP Jetdirect 620n Fast Ethernet Print Server (J7934G)
- HP Jetdirect 625n Gigabit Ethernet Print Server (J7960G)
- HP Jetdirect 630n IPv6 Gigabit Print Server (J7997G)
- HP Jetdirect 635n IPv6/IPsec Print Server (J7961A)

### Original HP printing supplies

#### Ink cartridges

- HP 72 69-ml Photo Black Ink Cartridge with HP Vivera Ink (C9397A)
- HP 72 69-ml Cyan Ink Cartridge with HP Vivera Ink (C9398A)
- HP 72 69-ml Magenta Ink Cartridge with HP Vivera Ink (C9399A)
- HP 72 69-ml Yellow Ink Cartridge with HP Vivera Ink (C9400A)
- HP 72 69-ml Gray Ink Cartridge with HP Vivera Ink (C9401A)
- HP 72 130-ml Matte Black Ink Cartridge with HP Vivera Ink (C9403A)
- HP 72 130-ml Photo Black Ink Cartridge with HP Vivera Ink (C9370A)
- HP 72 130-ml Cyan Ink Cartridge with HP Vivera Ink (C9371A)



- HP 72 130-ml Magenta Ink Cartridge with HP Vivera Ink (C9372A)
- HP 72 130-ml Yellow Ink Cartridge with HP Vivera Ink (C9373A)
- HP 72 130-ml Gray Ink Cartridge with HP Vivera Ink (C9374A)

#### Printheads

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

#### Media

- HP bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, colored)
- HP photographic paper (satin, gloss, semi-gloss, matte, high-gloss)
- HP technical paper (natural tracing, translucent bond, vellum)
- HP film (clear, matte, polyester)
- HP backlit material
- HP self-adhesive material (two-view cling, indoor paper, polypropylene, vinyl)

To find a media compatible with the HP Designjet T Printer series, please check [www.designjet.hp.com/supplies](http://www.designjet.hp.com/supplies).

#### **Additional information**

More information about HP's Graphic Arts portfolio is available at [www.hp.com/go/designjet](http://www.hp.com/go/designjet).

#### **Pricing and availability<sup>(5)</sup>**

Model	Estimated U.S. MSRP
HP Designjet T1100 24"	\$3,595
HP Designjet T1100 44"	\$5,395
HP Designjet T1100ps 24"	\$4,595
HP Designjet T1100ps 44"	\$6,395
HP Designjet T610 24"	\$2,595
HP Designjet T610 44"	\$3,995

The HP Designjet T1100 Printer series will be available early June 2007. The HP Designjet T610 Printer series will be available during July 2007. The HP Designjet T1100MFP is expected to be available Fall 2007.

<sup>1</sup> ±0.1% of the specified vector length or ±0.1 mm (whichever greater) at 23° C (73° F), 50–60% relative humidity, on Matte Film.

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

<sup>3</sup> Based on 4 copies of 50 A1 pages using normal print quality on plain paper. Intervention time not

included.

<sup>4</sup> For list of all compatible operating systems, please refer to product data sheet.

<sup>5</sup> Actual prices may vary.

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