



HP Designjet T1100 MFP

Overview

The HP Designjet T1100 MFP delivers a new level of print quality and functionality to copy shops, small- to medium-sized businesses and government agencies specializing in geographic information systems (GIS), and architecture, engineering and construction (AEC) professionals looking for versatile in-house printing. In one convenient and integrated device, the HP Designjet T1100 MFP enables users to quickly and intuitively copy, scan and print a wide range of high-quality applications, including line drawings, maps, renderings, images and posters.

The space-saving device, designed for easy operation, allows users to focus on core responsibilities and immediately copy, scan and print large-format documents to almost any HP Designjet in the network. The fast preview functionality and image quality adjustment options enables greater control over the final output to ensure high-quality results and even improve the quality of damaged or weathered originals with the background cleaning option. The HP Designjet T1100 MFP boosts productivity with preconfigured drivers and network connectivity, including scan-to-network functionality that enables users to scan directly to the network, eliminating extra steps.

Built upon the HP Designjet T1100ps, the HP Designjet T1100 MFP also features an embedded Adobe® post-script driver for additional compatibility and support for graphic design applications, including PS/PDF, TIFF, JPEG2000 and DWF. Users can both scan and print to these popular industry formats.

Helping demanding professionals to accurately visualize the world

The new HP Designjet T1100 MFP is designed to deliver high-quality color and black and white results from line drawings to complex maps or images. Copies match the originals with CCD scanning technology that enables 0.1% line accuracy; background cleaning capabilities make it possible to even improve upon originals and exceed original qualities. Prints always look their best with six HP Vivera inks including the Three-black ink set.

The HP Designjet T1100 MFP increases productivity and works faster than ever. Users can print full projects up to three times faster than previous HP Designjet models, such as the HP Designjet 800 Printer series.⁽²⁾ The HP Designjet T1100 MFP can print an A1/D page in 35 seconds.⁽³⁾ In addition, the multifunction printer offers improved scanning speeds of two inches per second (ips) in color and six ips in black and white.

Leveraging the same technologies that power the HP Designjet T1100 Printer series, the HP Designjet T1100 MFP offers enhanced networking capabilities and is designed to be shared efficiently among multiple users in a network environment. The HP Designjet

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T1100 MFP's 40 GB 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 workstations.

Key features and benefits

- Achieve 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 subtle contrasts, from the most vivid color to the softest tones.
- Scan any document and see excellent results with 3 CCD camera scanning technology – up to 9,600 dpi resolution and 0.1% line accuracy – achieving a high level of detail to match originals.
- With enhanced versatility and reliability, the HP Designjet T1100 MFP is designed to scan and copy color large-format original – up to 42 inches wide and 0.6 in (15 mm) thick.
- Scan, copy and print projects quickly. Improved scanning speed of two inches per second (ips) in color and six ips in black and white. Print up to three times faster than previous HP Designjet models,⁽²⁾ printing A1/D size in 35 seconds.⁽³⁾
- The HP Designjet T1100 MFP comes standard with an integrated, embedded operating system and a fast Intel® Pentium® IV processor. The 2.8 GHz processing speed, 1 GB memory and 40 GB hard-disk drive enable faster scan and copy performance even for the most complex files.
- The in-printer processing architecture in the HP Designjet T1100 MFP 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 MFP internal 40 GB hard disk gives users the flexibility to process any file, no matter the size or complexity.
- The Job Center and HP's Embedded Web Server control the progress and priorities of print jobs without walking to the printer. With batch printing, instead of opening individual files and changing their settings, users can drag and drop a batch of files to the Job Center for easy reprinting.
- Increased user control over final output with fast preview adjustment options that improve the quality of damaged or weathered originals with a background cleaning option, ensuring high-quality output with the first copy.
- Advanced copy features such as auto-alignment to load and preview original, nesting to save media, and paneling to create extra-large documents simplify tasks and expand user options. Batch scanning with auto-naming allows users to seamlessly scan entire projects at one time.
- Consistent, professional prints with more than 20 Original HP media substrates, including bond and coated, technical, and photographic papers, film, backlit and self-adhesive materials – designed together with HP Vivera inks to work better together including excellent dry-time and smudge-resistance.

Services and support

Users can select their support from convenient HP Care Pack services or configure their



own HP service contract. With 65,000 service professionals in 165 countries, HP Imaging and Printing Services offer responsive, qualified support in virtually every corner of the world.

Technical specifications

- Print speeds:
 - Line drawings: 35 sec/page on A1/D in Fast Economode, 52 A1/D prints per hour in Fast mode;
 - Color images: 445 ft²/hr (41 m²/hr) in Fast mode; 30 ft²/hr (2.8 m²/hr) in Best mode
- Maximum print resolution: 2,400 x 1,200 optimized dpi
- 6-ink printing system with Original HP 72 Ink Cartridges with HP Vivera inks: cyan, gray, magenta, matte black, photo black, yellow
- Scan speeds:
 - Black and White: 6 in/sec (152 mm/sec) at 200 dpi/400 dpi turbo
 - Color: 2 in/sec (51 mm/sec) at 200 dpi/400 dpi turbo
- Maximum scan resolution: 9,600 x 9,600 dpi
- Standard Connectivity:
 - Printer: 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one EIO Jetdirect accessory slot
 - Scanner: 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one FireWire

Accessories

- HP Designjet T Printer series 44-inch Spindle (Q6709A)
- HP Jetdirect 620n Fast Ethernet Print Server (J7934G)
- HP Jetdirect 630n IPv6 Gigabit Print Server (J7997G)
- HP Jetdirect 635n IPv6/IPsec Print Server (J7961G)

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

Printer:

- HP bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, 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)

Scanner:

- Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic film, plastic laminate, foam board, cardboard

To find a media compatible with the HP Designjet T Printer series, check www.designjet.hp.com/supplies.

Additional information

More information about HP's Graphic Arts portfolio is available at www.hp.com/go/designjet.

Pricing and availability⁽⁴⁾

Estimated U.S. street price for the HP Designjet T1100 MFP is \$20,995.

Expected to be available Oct. 1, 2007.

¹ ±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.

² Mechanical printing time on plain media in fast mode with economode on.

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

⁴ Actual prices may vary.

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