Superior color and black-and-white copy, scan, and print results

- Scan any document and see excellent results with 3 CCD camera scanning technology—with up to 9600 dpi resolution and 0.1% line accuracy—achieve a high level of detail, matching your originals.
- Copy anything from line drawings to complex maps or images. See impressive color accuracy—including black and gray tones—over a range of applications.
- Professional prints—HP Vivera inks with the Threeblack ink set produce a wide range of colors and fine detail. With the addition of gray ink in the HP Threeblack ink set, you achieve more accurate color, dark blacks, and true neutral grays, so prints have smooth area fills, more depth, and more subtle contrasts.
- Fast-drying, smudge-resistant prints—HP Vivera inks are designed together with a range of Original HP media. HP Vivera inks achieve excellent dry times, producing prints with excellent smudge-resistance on over 20 Original HP media substrates.

Quickly and effectively performs three functions in one

- This HP MFP scans, copies, and prints your projects quickly, so you’re back to business in no time. Create one A1 (D)-sized copy up to four times faster than with the HP Designjet 820 MFP—and realize even faster speeds when producing numerous high-quality copies of your original documents.
- Print and scan quickly—fast processing speed makes short work of large files. The HP Designjet T1100 MFP comes standard with an integrated, embedded operating system and a fast Intel® Pentium® IV processor. In addition, with this printer’s in-printer processing architecture and 40 GB hard disk drive, files are processed in the printer rather than on your workstation so you can send a file reliably to the printer and get back to work quickly.
- Advanced copy features simplify tasks and expand your options. Skew is rarely a problem when you use the auto-alignment option to load and preview your original. Use the nesting option to save media, and make extra-large enlargements easily with the paneling option. You can also perform batch scanning with auto-naming and track your output by using the integrated accounting features.

Intuitive, effortless operation

- Easy operation saves training time and costs. Even untrained users can easily master operation and immediately copy, scan, and print large-format documents by using the graphical touchscreen display and intuitive software.
- Assume greater control over your final output. Fast preview advanced color and image quality adjustment options not only ensure you get the expected quality with your very first copy, but they help improve the quality of damaged or weathered originals with a background cleaning option.
- Boost productivity with preconfigured drivers and network connectivity—including scan-to-network functionality. This MFP is fully compatible. Easily print scanned documents directly to almost any HP Designjet printer. Built-in scan-to-network capabilities foster productivity with fewer steps. Easily save scanned files in PDF, TIFF, JPEG 2000, and DWF file formats.

Convenient, integrated single-vendor solution

- Convenient single-vendor solution—built together to work together. Bi-directional capabilities between the printer and scanner provide built-in intelligence, enabling you to get basic printer-status information and access the printer queue.
- Integrated multifunction solution saves valuable workspace with single footprint.

Whether you’re working with line drawings, maps, images, or posters, this HP multifunction printer helps you copy, scan, and print all your large-format documents quickly using one convenient, integrated device. And with HP Vivera inks, you get high-quality results every time.

(1) Using plain paper in best mode for a 36-in. color CAD original
(2) Files supported by HP-GL/2, CALS G4
(3) Fully compatible with HP Designjet 500, 800, 1000, 4000, 4500, 5000, 5500, T610, T1100, Z2100, Z3100, Z6100 series products

A trusted choice for demanding professionals
1. Scanning speed of 2-in (50.8 mm) per second for color and 6-in (152 mm) per second for mono originals (400 dpi Turbo)
2. Print A1 (D)-sized documents in up to 35 seconds per page
3. 15-in touchscreen graphical display for easy, intuitive operation
4. Fast preview enables greater control over final output
5. DVD/CD reader/writer to save files directly to disc
6. Built-in fast image processing for excellent copy and scan performance
7. Intuitive software provides easy-to-use scanning, copying, and network printing
8. The integrated product design saves workspace
9. Print output basket for high volume batch jobs
10. High scanning quality and speeds, excellent 3D scanning capability

Triple 4-linear CCDs camera scanning technology
• Superior scanning quality: Color CCD technology includes three digital cameras with four arrays with RGB filters that separate color components and panchromatic BW filter to ensure superior quality on grayscale
• High application versatility
• Better results with previously folded paper
• Lower maintenance costs: modular technology, many customerreplaceable parts
• Can reach high scanning speeds thanks to powerful illumination and processing capabilities
• More tolerant to dust
A trusted choice for demanding professionals

**Printing**

Achieve professional prints - a wide range of color and fine details

1. Uniform lines
2. Neutral grays and deep blacks
3. Accurate color
4. Crisp text

**Copying**

See impressive accuracy for any kind of original

Settings specially optimized for:
- CAD
- Map
- Brochure (line and text)
- Photo

Improved quality for damaged document thanks to the background cleaning feature

**Scanning**

Scan to many different locations
- CD/DVD
- Scanner
- Network

Scan original up to 0.6-in thick

Scan to many industry standard formats

**Intuitive Software**

Touchscreen fast preview ensure greater control over final output

**“The HP Designjet T1100 MFP not only scans and prints at amazing speeds, it includes a host of convenient job management features, like batch printing, queue management, scan to PDF and scan to network, that really save time and greatly simplify our workflow.”**

Peter Frode Vandrup - Printer Operator - Ramboll
### Technical specifications

#### Print
- **Print speed**
  - Line drawings: 35 sec/D/A on plain media in Fast Economode, 52 D/A per hour on plain media in Fast mode. **Color images:** 445 fr/hr (41 m/hr) on coated media in Fast mode, 30 fr/hr (2.8 m/hr) on glossy media in Best mode.

- **Print resolution maximum**
  - Roll: 0.2 x 0.2 x 0.2 x 0.2 in/5 x 5 x 5 x 5 in (borderless on photo papers).
  - Sheet: 0.2 x 0.67 x 0.2 x 0.2 in/5 x 16.75 x 5 x 5 in.

#### Margins
- Roll: 0.2 x 0.2 x 0.2 x 0.2 in/5 x 5 x 5 x 5 in (borderless on photo papers).
- Sheet: 0.2 x 0.67 x 0.2 x 0.2 in/5 x 16.75 x 5 x 5 in.

#### Technology
- HP Thermal Inkjet

#### Print 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).

#### Minimum line width
- 0.002 in/0.0423 mm

#### Line accuracy
- +/- 0.1%

#### Scan
- **Scan speed**
  - Color (200 dpi/400 dpi Turbo): 2 in/sec (51 mm/sec).
  - Black-and-white (200 dpi/400 dpi Turbo): 6 in/sec (152 mm/sec).

- **Scan/copy resolution**
  - Enhanced mode: 9600 x 9600 dpi with variable resolution settings from 50 dpi in increments of 1 dpi.
  - Best mode: color and black-and-white: 300 x 300 dpi.
  - Normal mode: color and black-and-white: 200 x 200 dpi.

- **Maximum scan width**
  - 42 in (1067 mm)

- **Maximum scan thickness**
  - 0.6 in (15 mm)

- **Line accuracy**
  - +/- 0.3 % (Y axis), +/- 0.1% (X axis)

#### Copy
- **Reduction/enlargement**
  - 1 to 10000%

- **Maximum copies**
  - 1000 copies

- **Copier settings**
  - Type of original, crop and align preview, lightness, saturation and RGB controls, sharpen/blue, mirror copy, enhance, reduce, paneling, titling, restacking, accounting, batch.

#### Media handling
- **Printer:** Roll feed, sheet feed, automatic cutter.
- **Scanner:** Sheet feed.

#### Media types
- **Printer:** Bond and coated paper (bond, coated, heavyweight coated, super heavyweight coated, super heavyweight plus matte, colored), photographic paper (satin, glossy, semi-gloss, matte, high-gloss), technical paper (natural tracing, transparent, bond), film (clear, matte, polyester), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl).
- **Scanner:** Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic film, laminate, foam board, cardboard. (No plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, burned surfaces, transparencies.)

#### Processing and memory
- **Printer:** Intel® Centrino® mobile 600 MHz, 256 MB memory, 40 GB hard disk.
- **Scanner:** Intel Pentium 2.4 GHz, 1 GB memory, 40 GB hard disk.

#### Connectivity
- **Interfaces (standard)**
  - Printer: One 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one EIO board.
  - Scanner: One 10/100/1000BT Ethernet RJ-45 port, one Hi-Speed USB 2.0 certified port, one FireWire®.

- **Print languages**
  - Adobe® PostScript®, Adobe® PDF, Adobe® PDF-Lite, CALS G4, TIFF, JPEG, HP PCL 3 GUI.

- **Drivers (included)**
  - HP-GL/2, HP-RTL Windows® drivers; PS Windows drivers; Optimized Windows driver for AutoCAD

- **Copy/scan settings**
  - Type of original, image crop and align preview, lightness, saturation and RGB controls, sharpen/blue, mirror copy, enhance, reduce, paneling, titling, restacking, accounting, batch.

#### Environmental ranges
- **Operating temperature**
  - Inteljet: 41 to 95°F/5 to 35°C
  - Recommended operating temperature: 64 to 90°F/18 to 32°C

- **Storage temperature**
  - 4 to 131°F/20 to 55°C

- **Operating humidity**
  - 20 to 80% RH

#### Acoustic
- **Sound pressure, active**
  - 1.69 watts
- **Sound pressure, passive**
  - 44.4 watts
- **Sound power, active**
  - 5.8 B(A)
- **Sound power, passive**
  - 6.9 B(A)

#### Power consumption
- **Maximum**
  - 594 watt-hours

- **Power requirement**
  - Input voltage (autotranstraight): 100 to 240 V AC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 amp max

#### Power requirements
- **Safety**
  - Compliant with IEC requirements including USA and Canada (CSA certified), EU (CE) and EN60065-1 (EN/CE). Compliant for Class A ITE products. EU (EMC Directive), IEC (FCC, IC), Canada (IC), Australia (AC) China (CCC), Japan (VCCI). Certified as Class A product: Korea (KC), Taiwan (BSMI).

#### Environmental
- **RoHS**
  - WEEE

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

#### Service and support
- **Care packs**
  - HP 3 year next business day hardware support
  - HP 4 year next business day hardware support
  - HP 5 year next business day hardware support

- **Hardware**
  - HP Jetdirect 635N IPv6 Print Server
  - HP Jetdirect 635n IPv4/IPv6 Print Server

#### Ordering information
- **Product**
  - Q673A: HP Designjet T1100 MFP

#### Accessories
- **HP Designjet T1100**
  - Q673B: HP Designjet Tx100/Tx10 44 in Spindle
  - J7936G: HP Jetdirect 630n Fast Ethernet Print Server
  - J795C: HP Jetdirect 635n IPv4/IPv6 Print Server
  - J795G: HP Jetdirect 635n IPv6 Print Server

#### Original HP printheads
- **C6570A:** HP 72 Gray and Photo Black PrintHead
  - C9383A: HP 72 Magenta and Cyan PrintHead

#### Original HP ink cartridges with HP Vivera inks
- **C9397A:** HP 72 69 ml 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
  - C6001A: HP 72 semi-gloss ink cartridge
  - C9370A: HP 72 120 ml Matte Black Ink Cartridge
  - C9371A: HP 72 120 ml Photo Black Ink Cartridge
  - C9372A: HP 72 120 ml Cyan Ink Cartridge
  - C9373A: HP 72 120 ml Magenta Ink Cartridge
  - C9374A: HP 72 120 ml Yellow Ink Cartridge

#### Original HP media
- **Q6427A:** HP Super Heavyweight Plus Matte Paper 36 in x 100 ft
  - 934 mm x 30.5 m (NA, EMREA, AP only)
  - Q6428A: HP Super Heavyweight Plus Matte Paper 42 in x 100 ft
  - 1067 mm x 30.5 m (NA, EMREA, AP only)
  - C6400C: HP Heavyweight Coated Paper 36 in x 200 ft/1067 mm x 610 m (NA, EMREA, AP only)
  - C6401C: HP Heavyweight Coated Paper 42 in x 100 ft/1067 mm x 30.5 m (NA, EMREA, AP only)
  - Q1956A: HP Heavyweight Coated Paper 44 in x 225 ft
  - 1118 mm x 69 m (NA & EMREA only)
  - C6408A: HP Coated Paper 36 in x 150 ft/1067 mm x 45.7 m (NA & EMREA only)
  - C6409A: HP Coated Paper 36 in x 300 ft/1067 mm x 91.4 m (NA & EMREA only)
  - C6410A: HP Bright White Inkjet Bond Paper 36 in x 100 ft
  - 914 mm x 254 m (EMEA, AP only)
  - C6411A: HP Bright White Inkjet Bond Paper 36 in x 150 ft
  - 914 mm x 381 m (EMEA, AP only)
  - C6412A: HP Bright White Inkjet Bond Paper 36 in x 45.7 m
  - 914 mm x 45.7 m (EMEA, AP only)
  - C6413A: HP Bright White Inkjet Bond Paper 36 in x 91.4 m
  - 914 mm x 91.4 m (EMEA, AP only)
  - C6414A: HP Bright White Inkjet Bond Paper 44 in x 300 ft
  - 1067 mm x 91.4 m (EMEA, AP only)
  - C6415A: HP Bright White Inkjet Bond Paper 44 in x 150 ft
  - 1067 mm x 45.7 m (EMEA, AP only)

More HP media sizes and weights available at: www.hp.com/go/designjet/supplies

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**For more information, visit our website at:**

www.hp.com/go/designjetT1100MFP

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