



Print your CAD and GIS files in-house with this personal HP Designjet. HP Vivera Inks enable high-quality, professional output at fast speeds. And you can print with confidence knowing you're getting a reliable, compatible printer from a company you can trust.



## 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 T610 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.
- **Count on consistent, professional prints with over 20 Original HP media substrates—designed with Vivera Inks.** Choose from over 20 Original HP media substrates including bond, coated, heavyweight coated, tracing, and high-gloss and semi-gloss papers. Original HP media and HP Vivera Inks are designed together to work better together.

## REST ASSURED—THIS IS ONE PRINTER YOU KNOW YOU CAN COUNT ON

- **The colors on the printed page match the colors on your screen with HP Professional Color Technologies.** The HP Designjet T610 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, and Black Point compensation.

- **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. Print with confidence, knowing that this Designjet supports the next generation of mainstream applications and formats.
- **Color emulation ensures that the colors produced are consistent—across other HP Designjet printers.**<sup>(2)</sup> With color emulation capabilities, the HP Designjet T610 Printer series can emulate the colors produced on HP Designjet 500 Plus, 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.

## SAVE TIME WITH FAST IN-HOUSE LARGE-FORMAT PRINTING

- **Print CAD & GIS projects quickly and accurately—up to 35 seconds/A1 page<sup>(3)</sup>—with HP Scalable Printing Technology.** Print projects up to 3 times faster than with the HP Designjet 500 Plus Printer.<sup>(4)</sup> Print an A1 page in up to 35 seconds.<sup>(3)</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.
- **Handle prints right off the printer—fast-drying HP Vivera Inks produce smudge-resistant prints.** You get optimal results with HP media designed together with HP Vivera Inks and the Designjet printer to produce high-quality, fast-drying, smudge-resistant prints that keep you at your most productive.
- **Take advantage of time-saving features enabled by intelligence built into Original HP printing supplies.** Intelligence built into Original HP printing supplies interacts with the printer to provide a host of features that save time and minimize interruptions including: continuous adjustments to optimize print quality and reliability for trouble-free printing, and continuous adjustments that maximize printhead life.

(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/A0 printing material in Best or Normal mode with HP Matte Film.

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

(3) Mechanical printing time on plain media in Fast mode with Economode on.

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



# HP Designjet T610 Printer series



## Technical specifications

<b>Print speed<sup>5</sup></b>	<b>Line drawings<sup>6</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>7</sup> Best: 30 ft <sup>2</sup> /hr (2.8 m <sup>2</sup> /hr) <sup>8</sup>
<b>Print resolution maximum</b>	2400 x 1200 optimized dpi
<b>Memory</b>	128 MB standard memory
<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) 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 Up to 31.5 mil 300 ft/91 m
<b>Printing</b>	<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 Vivera 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>9</sup> 300 ft/91 m (OS and application dependent)
<b>Connectivity</b>	One Hi-Speed USB 2.0 certified port, one EIO JetDirect accessory slot HP Jetdirect print servers HP-GL2/RTL, CALS/G4, HP PCL3GUI HP-GL/2, HPRTL Windows drivers; Optimized Windows driver for AutoCAD 2000 and higher; support for Citrix Metaframe environments; HP PCL3GUI driver for Mac OS X

- (5) Mechanical printing time.  
(6) Printed on plain media.  
(7) Printed on coated media. Measured on a 44-in model.  
(8) Printed on glossy media. Measured on a 44-in model.  
(9) ±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.

### 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
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

### Certification

Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NRYCE)
Electromagnetic	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)
Environmental	Energy Star, EU WEEE and RoHS Directives

### Warranty

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

### Service and support

Core parts	UG750E/A HP 3 year next business day hardware support UG751E HP 4 year next business day hardware support UG752E HP 5 year next business day hardware support UG876PE/PA HP 1 year, post warranty, next business day hardware support
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For more information, visit our website at [www.hp.com/go/designjet610](http://www.hp.com/go/designjet610)



### Recommended system requirements

Macintosh	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	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

### Dimensions (w x d x h)

Printer	<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
Shipping	<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

### Weight

Printer	<b>24-in models:</b> 103.6 lb/47 kg <b>44-in models (with stand):</b> 189 lb/86 kg
Shipping	<b>24-in models:</b> 195 lb/88.5 kg <b>44-in models (with stand):</b> 271 lb/123 kg

### What's in the box

Printer, printheads (3 x 2 colors), ink cartridges (5 x 69 ml, 1 x 130 ml), stand (44-in model only), rear tray, 3 inch spindle adaptor kit, quick reference guide, setup poster, legal document, doc & drivers DVD, Autodesk Design Review CD, customer service guide, USB cable, power cord

### Ordering information

#### Product

Q6711A	HP Designjet T610 24-in Printer
Q6712A	HP Designjet T610 44-in Printer

#### Accessories

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/Ipsec Print Server

#### Printheads

C9380A	HP 72 Gray & Photo Black Printhead
C9383A	HP 72 Magenta & Cyan Printhead
C9384A	HP 72 Matte Black & Yellow Printhead

#### Ink cartridges

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

#### Media supplies

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)