HP Designjet T610 Printer series

Print all your technical drawings and renders in-house with this personal HP Designjet. Get high-quality, professional output at fast speeds with HP Vivera Inks and the Three-black ink set. Save time with ultimate compatibility.

HP Designjet T610 610 mm Printer

HP Designjet T610 1118 mm Printer

The ideal printer for small studios specialising in architecture, construction or engineering, who need a versatile, high-image quality, large format personal printer to print CAD projects like technical drawings and renders in-house.

Achieve a new level of accuracy and detail in your prints with HP Vivera Inks.
Get exacting detail, hard-to-achieve tones and true neutral grey using the Three-black ink set. See improved line accuracy to 0.1%, 0.0423 mm minimum line width, and crisp text with HP's new printhead design that achieves precise placement of smaller drops. Create professional prints with smooth area fills, more depth and subtle contrasts from the most vivid colour to the softest tones with HP Vivera Inks. Get excellent smudge-resistance on a range of HP media with fast-drying HP Vivera Inks.

See true colour fidelity with a printer that is highly compatible with major CAD applications.
Get the right colours on the first print with screen-to-print matching from a range of HP Professional Color Technologies, including enhanced sRGB and AdobeRGB printing, Closed Loop Color calibration and Black Point compensation. Enjoy hassle-free printing as increased compatibility means most CAD applications on a wide range of operating systems are supported, thanks to embedded HP-GL/2. Get colours that are consistent with those produced across other HP Designjet printers[1].

Save time and produce your CAD projects quickly with this fast in-house large-format printing
Print projects up to 3 times faster[2], with an A1 page in up to 35 seconds[3], without sacrificing accurate print quality. Stay productive with smudge-resistant prints that can be handled right out of the printer thanks to fast-drying HP Vivera Inks. Take advantage of time-saving features that optimise print quality, and maximise printhead life, enabled by intelligence built into Original HP printing supplies.

[1] This printer can emulate HP Designjet 500 Plus, HP Designjet 800, and HP Designjet 1000 printers

[2] Compared to the HP Designjet 500 Plus Printer series, based on 4 copies of 50 A1 pages using normal print quality on plain paper Intervention time not included

[3] Mechanical printing time on plain media using fast economode

Series at a glance

HP Designjet T610 610 mm Printer (Q6711A)
- Base printer with 610 mm media width

HP Designjet T610 1118 mm Printer (Q6712A)
- Base printer with 1118 mm media width

Recommended accessories

Q6663A
HP Designjet T1100/T610
610 mm Stand

Q6700A
HP Designjet
Zx100/T1100/T610 610
mm Spindle

Q6709A
HP Designjet 44-in/1118
mm Roll Feed Spindle

J7934G
HP Jetdirect 620n Fast
Ethernet Print Server

J7960G
HP Jetdirect 625n Internal
Print Server (EIO,
10/100/1000TX)

J7961A
HP Jetdirect 635n
IPv6/IPsec Print Server

Top 3 Accessories description

HP Designjet T1100/T610 610 mm Stand (Q6663A)
To respect commonly limited floor space the HP Designjet T610 610 mm Printer comes in a configuration suitable for printer placement on a desk. The optional stand accessory enables the printer body to be mounted to movable legs with bin holding printed drawings. The stand enables you to conveniently relocate the printer to a right place and free up work desks.

HP Designjet Zx100/T1100/T610 610 mm Spindle (Q6700A)
Keep busy CAD and GIS professionals productive with this timesaving media spindle. Rely on it to efficiently deliver high-quality, wide-format documents. This accessory enables easy switching between media rolls. Complete large-format jobs effortlessly on media up to 610 mm wide and up to 91m long.

HP Designjet 44-in/1118 mm Roll Feed Spindle (Q6709A)
Keep busy CAD and GIS professionals productive with this timesaving media spindle. Rely on it to efficiently deliver high-quality, wide-format documents. This accessory enables easy switching between media rolls. Complete large-format jobs effortlessly on media up to 1118 mm wide and up to 91m long.

Ordering information

HP Designjet T610 610 mm Printer (Q6711A)
Printer, printheads (3 x 2 colours), ink cartridges (5 x 69 ml, 1 x 130 ml), coated paper sample roll (610mm x 7.62 metre), rear tray (610mm), 7.62 centimetre spindle adaptor kit, quick reference guide, setup poster, legal document, document & drivers DVD, Autodesk Design Review CD, customer service guide, interface cable, power cord

HP Designjet T610 1118 mm Printer (Q6712A)
HP Designjet T610 1118 mm Printer, printheads (3 x 2 colours), ink cartridges (6 x 130 ml), coated paper sample roll (610mm x 7.62 metre), stand (1118mm), rear tray (1118mm), 7.62 centimetre spindle adaptor kit, quick reference guide, setup poster, legal document, document & drivers DVD, Autodesk Design Review CD, customer service guide, interface cable, power cord

Accessories, Supplies and Support

Accessories

Q6663A	HP Designjet T1100/T610 610 mm Stand
Q6700A	HP Designjet Zx100/T1100/T610 610 mm Spindle
Q6709A	HP Designjet 44-in/1118 mm Roll Feed Spindle

Supplies

C9380A	HP 72 Grey and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and Yellow Printhead
C9403A	HP 72 130 ml Matte Black Ink Cartridge with Vivera Ink
C9370A	HP 72 130 ml Photo Black Ink Cartridge with Vivera Ink
C9371A	HP 72 130 ml Cyan Ink Cartridge with Vivera Ink
C9372A	HP 72 130 ml Magenta Ink Cartridge with Vivera Ink
C9373A	HP 72 130 ml Yellow Ink Cartridge with Vivera Ink
C9374A	HP 72 130 ml Grey Ink Cartridge with Vivera Ink

Media supplies

Q6576A	HP Universal Instant-dry Gloss Photo Paper 190 g/m²-42"/1067 mm x 30.5 m
Q1445A	HP Bright White Inkjet Paper 90 g/m²-A1/594 mm x 45.7 m
Q1398A	HP Universal Bond Paper 80 g/m²-42"/1067 mm x 45.7 m
Q1441A	HP Coated Paper 90 g/m²-A0/841 mm x 45.7 m
Q6581A	HP Universal Instant-dry Semi-gloss Photo Paper 190 g/m²-42"/1067 mm x 30.5 m

Connectivity

J7934G	HP Jetdirect 620n Fast Ethernet Print Server
J7960G	HP Jetdirect 625n Internal Print Server (EIO, 10/100/1000TX)
J7961A	HP Jetdirect 635n IPv6/IPsec Print Server

Service & support

UG750A/E HP Care Pack, Next Business Day On Site, 3 years
UG751E HP Care Pack, Next Business Day On Site, 4 years
UG752E HP Care Pack, Next Business Day On Site, 5 years
UG876PA HP Care Pack, Post Warranty Next Business Day Hardware Support, 1 year
UG878PE HP Care Pack, Post Warranty 4 hour 13x5 Same Business Day On Site, 1 year
UG875E HP Care Pack, 4 hour 13x5 Same Business Day On Site, 3 years

For a complete list of supplies, accessories and services, please refer to http://www.hp.com

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	6336 (1056 nozzles per colour)
Print quality	Up to 2400 x 1200 optimized dpi
Number of inks	Cyan, gray, magenta, matte black, photo black, yellow
Ink types	HP Vivera Inks
Ink drop size	6 pl (C, M, PK, G), 9 pl (Y, MK)
Print speed	Economic quality: Dj T610 610 mm: 34 m²/hr (coated), A1 colour line drawing: 35 sec/page (plain), 52 A1 prints per hour (plain), 70 A1 prints per hour (plain, economode); Dj T610 1118 mm: 41 m²/hr (coated), A1 colour line drawing: 35 sec/page (plain), 52 A1 prints per hour (plain), 70 A1 prints per hour (plain, economode). Productivity quality: Dj T610 610 mm: 8.6 m²/hr (coated), 5.6 m²/hr (glossy); Dj T610 1118 mm: 10 m²/hr (coated), 6.7 m²/hr (glossy); . Photo quality: Dj T610 610 mm: 2.4 m²/hr (glossy); Dj T610 1118 mm: 2.8 m²/hr (glossy)
Line	Line accuracy: +/- 0.1%. Minimum width: 0.0423 mm
Print languages	Dj T610 610 mm: HP-GL2/RTL, CALS/G4, HP PCL3GUI; Dj T610 1118 mm: HP-GL2/RTL, CALS/G4, HP PCL3GUI
Memory	Standard : 128 MB; maximum : 128 MB

Print margins (mm)		Roll	Sheet
	top:	5 mm or borderless on photo papers	5 mm
	bottom:	5 mm or borderless on photo papers	16.75 mm
	left:	5 mm or borderless on photo papers	5 mm
	right:	5 mm or borderless on photo papers	5 mm

Media types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight coated), photographic paper (satin, gloss, semi-gloss, matte), technical paper (natural tracing, translucent bond, vellum), film (transparent, matte), self-adhesive and Vinyl (polypropylene, vinyl)
Media sizes	Standard: All standard sizes larger than A4
Maximum media length	Roll: 91.4 m. Sheet: 1676.4 mm
Maximum media width	Dj T610 610 mm: 610 mm; Dj T610 1118 mm: 1118 mm
Maximum print length	91 m (OS and application dependent)
Media thickness	Up to 0.8 mm
Recommended media weight	60 to 328 g/m²
Roll	Maximum diameter: 136 mm
Media handling	Sheetfed, roll feed, automatic cutter
Interface and connectivity	Standard: 1 Hi-Speed USB port (compatible with USB 2.0 specifications), 1 EIO Jetdirect accessory slot. Optional: HP Jetdirect print servers
Control panel	240 x 160 pixels greyscale graphical display, 4 direct-access buttons and 7 navigation buttons, 2 bicolor lights (Ready, Processing, Attention, Error)
Drivers included	Dj T610 610 mm: HP-GL/2, HP-RTL Windows drivers, support for AutoCAD 200x, support for Citrix MetaFrame environments, HP-PCL3GUI driver for Mac OS X; Dj T610 1118 mm: HP-GL/2, HP-RTL Windows drivers, support for AutoCAD 200x, support for Citrix MetaFrame environments, HP PCL3GUI driver for Mac OS X
Software	HP Web Jetadmin, HP Easy Print Care/Printer Utility
Operating systems compatibility	Windows® 2000, Windows® XP Home, Windows® XP Professional, Windows® XP Professional x64, Windows® Server 2003, Windows Vista™ Ready; Novell® NetWare 5.x, 6.x; Mac OS X v 10.2 or higher; Citrix® MetaFrame. Latest driver upgrade information available on http://www.designjet.hp.com
Network operating systems compatibility	Windows® 2000, Windows® XP Home, Windows® XP Professional, Windows® XP Professional x64, Windows® Server 2003, Windows Vista™ Ready; Novell® NetWare 5.x, 6.x; Mac OS X v 10.2 or higher; Citrix® MetaFrame
Minimum system requirements	Microsoft® Windows® 2000: Pentium® III (733 MHz), 256 MB RAM, 2 GB available hard disk space; Microsoft® Windows® XP Home, XP Professional: Pentium® IV (1 GHz), 512 MB RAM, 2 GB available hard disk space. Mac OS X v10.2, Mac OS X v10.3, Mac OS X v10.4 or higher; PowerPC G3 or Intel® Core Processor; 256 MB RAM; 1 GB available hard disk space
Recommended system requirements	Microsoft® Windows® 2000: Pentium® III (733 MHz), 512 MB RAM, 2 GB available hard disk space; Microsoft® Windows® XP Home, XP Professional: Pentium® IV (1 GHz), 512 MB RAM, 2 GB available hard disk space. Mac OS X v10.2, Mac OS X v10.3, Mac OS X v10.4 or higher; PowerPC G4, G5, or Intel® Core Processor; 1 GB RAM; 2 GB available hard disk space
Power	Requirements: Input voltage (autoranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 Amp max. Supply: Built-in universal power supply. Consumption: 200 watts maximum
Dimensions (w x d x h)	Out of package: Dj T610 610 mm: 1262 x 661 x 391 mm (without stand); Dj T610 1118 mm: 1770 x 661 x 1047 mm (with stand). Packaged: Dj T610 610 mm: 1660 x 770 x 590 mm; Dj T610 1118 mm: 1965 x 780 x 780 mm
Weight	Out of package: Dj T610 610 mm: 47 kg; Dj T610 1118 mm: 86 kg. Packaged: Dj T610 610 mm: 88.5 kg; Dj T610 1118 mm: 123 kg
Operating environment	Operating temperature: 5 to 40° C. Recommended operating temperature: 15 to 35° C (depending on paper type). Operating humidity: 20 to 80% RH. Operating humidity recommended: 20 to 80% RH (depending on paper type). Storage temperature: -25 to 55° C. Storage humidity: 0 to 95% RH. Noise level per ISO 9296: sound power: LwAd 6.5 B(A). Sound pressure: LpAm 44 dB(A)
Certifications	EU (EMC Directive), USA (FCC Rules), Canada (DoC), Australia (ACA), New Zealand (MoC), China (CCC), and Japan (VCCI) compliance for Class B products, Korea (MIC) and Taiwan (BSMI) certified.. Regulatory standards: USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE)
Warranty	One-year hardware warranty

http://www.hp.com/uk http://www.hp.com/go/designjet