

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.

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%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.

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.

Save time and produce your CAD projects quickly with this fast in-house large-format printing

Print projects up to 3 times faster², with an A1 page in up to 35 seconds³, 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 +/- 0.1% of the specified vector length or ±0.1 mm (whichever greater) at 23° C, 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film

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

HP Designjet T610 610
mm Printer

HP Designjet T610 1118
mm Printer

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

J7961G
HP Jetdirect 635n
IPv6/IPsec Internal Print
Server (EIO,
10/100/1000TX)

J7997G
HP Jetdirect 630n Internal
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 91 m 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 91 m long.

Ordering information

HP Designjet T610 610 mm Printer (Q6711A)

Printer, printheads (3 x 2 colours each), introductory ink cartridges (x6), rear tray (610 mm), 7.62 cm 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 each), introductory ink cartridges (x6), stand (1118 mm), rear tray (1118 mm), 7.62 cm 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

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/m ² -42"/1067 mm x 30.5 m
Q1445A	HP Bright White Inkjet Paper 90 g/m ² -A1/594 mm x 45.7 m

Q1398A	HP Universal Bond Paper 80 g/m ² -42"/1067 mm x 45.7 m
Q1441A	HP Coated Paper 90 g/m ² -A0/841 mm x 45.7m
Q6581A	HP Universal Instant-dry Semi-gloss Photo Paper 190 g/m ² -42"/1067 mm x 30.5 m

Connectivity

J7934G	HP Jetdirect 620n Fast Ethernet Print Server
J7961G	HP Jetdirect 635n IPv6/IPsec Internal Print Server (EIO, 10/100/1000TX)
J7997G	HP Jetdirect 630n Internal 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	2112	
Print quality	Up to 2400 x 1200 optimized dpi and 1200 x 1200 input 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 m ² /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 m ² /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 m ² /hr (coated), 5.6 m ² /hr (glossy); Dj T610 1118 mm: 10 m ² /hr (coated), 6.7 m ² /hr (glossy); . Photo quality: Dj T610 610 mm: 2.4 m ² /hr (glossy); Dj T610 1118 mm: 2.8 m ² /hr (glossy)	
Line	Line accuracy: +/- 0.1%. Minimum width: 0.0423 mm	
Print languages	HP-GL2/RTL, CALS/G4, HP PCL 3 GUI	
Memory	Standard : 128 MB; maximum : 128 MB	
Print margins (mm)	Roll	Sheet
	top:	5 mm or borderless on photo papers
	bottom:	5 mm or borderless on photo papers
	left:	5 mm or borderless on photo papers
	right:	5 mm or borderless on photo papers
		5 mm
		16.75 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/m ²	
Roll	Maximum diameter: 136 mm	
Media handling	Sheeted, roll feed, automatic cutter	
Interface and connectivity	Standard: 1 Hi-Speed USB 2.0 certified port, 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	HP-GL/2, HP-RTL Windows® drivers, support for AutoCAD 200x, support for Citrix® MetaFrame environments, HP-PCL 3 GUI 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: 1470 x 780 x 740 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 6.9 B(A). Sound pressure: LpAm 57 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). ENERGY STAR: Yes	
Warranty	One-year, next-business-day, on-site warranty	

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