HP Designjet T610 Printer series

Technical specifications

Print speed[3]	
Line drawings[4]	Fast: 35 sec/page on D/A1, 70 D/A1 prints per hour (Economode on), 52 D/A1 prints per hour (Economode off)
Color images	Fast: 445 ft²/hr (41 m²/hr)[7] Best: 30 ft²/hr (2.8 m²/hr)[8]
Print resolution maximum	2400 x 1200 optimized dpi
Memory	128 MB standard memory
Media	
Handling	Roll feed, sheet feed
Types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight coated, super heavyweight plus matte, colored), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), backlit material, self-adhesive material (two-view cling, indoor paper, polypropylene, vinyl)
Weight	60 to 328 g/m²
Size	**24-inch models:** 8.5- to 24-inch wide sheets, 11- to 24-inch rolls **44-inch models:** 8.5- to 44-inch wide sheets, 11- to 44-inch rolls
Thickness	Up to 31.5 mil
Maximum roll length	300 ft/91 m
Printing	
Margins	Roll: 0.2 x 0.2 x 0.2 x 0.2 in./5 x 5 x 5 x 5 mm (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 mm
Technology	HP Thermal Inkjet
Ink 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)
Ink cartridge size	69 ml (photo black, cyan, magenta, yellow, gray) 130 ml (matte black, photo black, cyan, magenta, yellow, gray)
Nozzles	1056 per color
Minimum line width	0.002 in./0.0423 mm
Line accuracy	+/- 0.1%[7]
Maximum print length	300 ft/91 m (OS and application dependent)
Connectivity	
Interfaces (standard)	One Hi-Speed USB 2.0 certified port, one EIO Jetdirect accessory slot
Interfaces (optional)	HP Jetdirect print servers
Print languages (standard)	HP-GL2/RTL, CALS/G4, HP PCL3GUI
Drivers (included)	HP-GL/2, HP-RTL Windows drivers; Optimized Windows driver for AutoCAD 2000 and higher; support for Citrix MetaFrame environments; HP PCL3GUI driver for Mac OS X
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 power, active	6.5 B(A)
Sound pressure, standby	29 dB(A)
Sound power, standby	4.4 B(A)
Power consumption	
Maximum	200 watts
Off	0.1 watts
Powersave	27 watts
Power requirements	Input voltage (auto-ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 Amp max
Certification	
Safety	United States and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE)
Electromagnetic	Compliance for Class B products: EU (EMC Directive), United States (FCC Rules), Canada (DoC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI); Certified as Class A product: Korea (MIC), Taiwan (BSMI)
Environmental	RoHS, WEEE, ENERGY STAR® qualified models; see: http://www.hp.com/go/energystar
Warranty	One-year, next business day, on-site warranty
HP Care Pack Services	H4518E HP Onsite Installation with Network Configuration UG750E HP 3-Year Next Business Day Onsite Service UG751E HP 4-Year Next Business Day Onsite Service UG752E HP 5-Year Next Business Day Onsite Service UG876PE HP 1-Year Post-Warranty Next Business Day Service

For more information, visit our website at www.hp.com/go/designjetT610

[3] Mechanical printing time.
[4] Printed on plain media.
[5] Printed on coated media. Measured on a 44-inch model.
[6] Printed on glossy media. Measured on a 44-inch model.
[7] ±0.1 percent of the specified vector length or ±0.1 mm (whichever is greater) at 23° C (73° F), 50–60 percent relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film.

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Recommended system requirements

Macintosh	Mac OS X v 10.2, Mac OS X v 10.3, Mac OS X v10.4 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 4 (1 GHz), 512 MB RAM, 2 GB available hard disk space

Dimensions (w x d x h)

Printer	**24-in models:** 49.7 x 26 x 41.2 in./1262 x 661 x 1047 mm **44-in models:** 69.7 x 26 x 41.2 in./1770 x 661 x 1047 mm
Shipping	**24-in models:** 59.9 x 30.7 x 29.1 in./1470 x 780 x 740 mm **44-in models:** 77.3 x 30.7 x 30.7 in./1965 x 780 x 780 mm

Weight

Printer	**24-inch models:** 143 lb/65 kg **44-inch models:** 189 lb/86 kg
Shipping	**24-inch models:** 225 lb/102 kg **44-inch models:** 271 lb/123 kg

What's in the box

Printer, printheads (3 x 2 colors each), introductory ink cartridges, stand, rear tray, 3-inch spindle adaptor kit, quick reference guide, setup poster, legal document, doc and drivers DVD, Autodesk Design Review CD, customer service guide, USB cable, power cord

Ordering information

Product

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

Accessories

Q6700A	HP Designjet Zx100/Tx100/Tx10 24-inch Spindle
Q6709A	HP Designjet Tx100/Tx10 44-inch Spindle
J7934G	HP Jetdirect 620n Fast Ethernet Print Server
J7961G	HP Jetdirect 635n IPv6/IPsec Print Server
J7997G	HP Jetdirect 630n IPv6 Gigabit Print Server

Printheads

C9380A	HP 72 Gray and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and 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
Q6628A	HP Super Heavyweight Plus Matte Paper 42 in. x 100 ft/1067 mm x 30.5 m
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
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
C6036A	HP Bright White Inkjet Bond Paper 36 in. x 150 ft/914 mm x 45.7 m
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
Q1421A	HP Universal Semi-gloss Photo Paper 36 in. x 100 ft/914 mm x 30.5 m
Q8834A	HP Self-adhesive Gloss Polypropylene 36 in. x 75 ft/914 mm x 22.9 m

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