Datasheet

HP DesignJet T520 610-mm Printer

Convenient, space-saving HP DesignJet printer for small offices

OFFICE-READY – Fits the way you work

- Produce a range of applications, including architectural designs, maps, photos, and presentations.

- Achieve accurate lines, sharp details up to 2400 dpi from the first print with a long-life printhead.

- Compact, standalone printer with legs and a stand – for easy office placement and positioning closer to teams.

- Save time and money – Original HP inks deliver accurate, quality prints the first time, every time.

EASY – Convenient printing designed for sharing

- Two printers in one – print using the built-in A3/B+ tray and up to A0/E using the front-loading media roll.

- The intuitive, full-colour, 109-mm (4.3-inch) touchscreen simplifies navigation and printing.

- Easily setup your printer and connect everyone in your studio, with built-in wireless connectivity.[1]

- Easily set up your printer where you need it and connect everyone in your studio, thanks to built-in Wi-Fi[2].

MOBILE – Easily print from smartphone or tablet[1]

- Print straight from your Apple® or Android™[3] smartphone/tablet wherever you are with HP Mobile Printing.[1]

- If you're on-the-go, attach your document to an email and send it directly to your printer via ePrint.[1]

- Use the HP AiO Printer Remote[2] to access additional print features when printing from your mobile device.

- No LAN needed – move this printer any time, any place your Wi-Fi signal can reach with wireless connectivity.[1]

For more information, please visit
http://www.hp.com/go/designjett520

Technical specifications

Print

Line drawings	35 sec/page on A1; 70 A1 prints per hour[1]
Colour images	**Fast:** 25.6 m²/hr[1] on coated media **Best:** 2.3 m²/hr[1] on glossy media
Print resolution	Up to 2400 x 1200 optimized dpi
Margins	**Roll:** 5 x 5 x 5 x 5 mm **Sheet:** 5 x 17 x 5 x 5 mm
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, M, Y); pigment-based (K)
Ink drop	5.5 pl (C, M, Y); 12 pl (K)
Printheads	1 (cyan, magenta, yellow, black)
Line accuracy	±0.1%[2]
Minimum line width	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.07 mm (ISO/IEC 13660:2001(E))[3]

Media

Handling	Sheet feed; roll feed; input tray; media bin; automatic cutter
Weight	60 to 280 g/m² (roll/manual feed); 60 to 220 g/m² (input tray)
Size	210 to 610 mm wide sheets; 279 to 610 mm rolls; Input tray: A4, A3; manual feed: A2, A1 standard sheets
Thickness	Up to 0.3 mm

Memory

	1 GB

Connectivity

Interfaces (standard)	Fast Ethernet (100Base-T); Hi-Speed USB 2.0 certified; Wi-Fi
Print languages (standard)	HP-GL/2, HP-RTL, HP PCL 3 GUI, JPEG, CALS G4
Printing paths	Printer driver, HP DesignJet Print & Share, HP Instant Printing, Apple AirPrint
Drivers (included)	HP-GL/2, HP-RTL drivers for Windows (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X

Dimensions (w x d x h)

Printer	987 x 530 x 932 mm
Shipping	1123 x 577 x 626 mm

Weight

Printer	34 kg
Shipping	50 kg
What's in the box	HP DesignJet T520 Printer; printhead; introductory ink cartridges; printer stand; quick reference guide; setup poster; startup software; power cord

Environmental ranges

Operating temperature	5 to 40ºC
Storage temperature	-25 to 55ºC
Operating humidity	20 to 80% RH

Acoustics

Sound pressure	48 dB(A) (active); < 16 dB(A) (standby)
Sound power	6.5 B(A) (active); < 3.4 B(A) (standby)

Power

Consumption	< 35 watts (printing), < 4.5 watts (sleep), < 0.3 watts (standby)
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1200 mA max

Certification

Safety	USA and Canada (CSA certified); EU (LVD and EN60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Mexico (NYCE)
Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC/R&TTE Directives), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC)
Environmental	ENERGY STAR; WEEE; EU RoHS; REACH; EuP; FEMP; EPEAT Bronze
Warranty	One-year limited hardware warranty

[1] Mechanical printing time
[2] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23ºC, 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Heavyweight Coated roll feed and Original HP inks.
[3] Measured on HP Matte Film

Ordering information

Product

CQ890A	HP DesignJet T520 610-mm Printer

Accessories

B3Q36A	HP DesignJet T120/T520 24-in Spindle
J8021A	HP Jetdirect ew2500 802.11b/g Wireless Print Server

Original HP printheads

C1Q10A	HP 711 DesignJet Printhead Replacement Kit

Original HP ink cartridges

CZ129A	HP 711 38-ml Black DesignJet Ink Cartridge
CZ130A	HP 711 29-ml Cyan DesignJet Ink Cartridge
CZ131A	HP 711 29-ml Magenta DesignJet Ink Cartridge
CZ132A	HP 711 29-ml Yellow DesignJet Ink Cartridge
CZ133A	HP 711 80-ml Black DesignJet Ink Cartridge
CZ134A	HP 711 3-pack 29-ml Cyan DesignJet Ink Cartridges
CZ135A	HP 711 3-pack 29-ml Magenta DesignJet Ink Cartridges
CZ136A	HP 711 3-pack 29-ml Yellow DesignJet Ink Cartridges

Original HP large format printing materials

C6035A	HP Bright White Inkjet Paper-610 mm x 45.7 m
C6019B	HP Coated Paper-610 mm x 45.7 m (24 in x 150 ft)
C6029C	HP Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft)
CZ987A	HP Premium Satin Photo Paper-610 mm x 15.2 m (24 in x 50 ft)

Service and Support

U1W23E HP 3 year Next Business Day Onsite Support
U1V85E HP 3 year 4-hour response, 13x5 Onsite Support
U1V90PE HP 1 year Post Warranty, Next Business Day Onsite Support
U1V93PE HP 1 year Post Warranty, 4-hour response, 13x5 Onsite Support

HP DesignJet Support Services offer solutions for business critical environments—installation, extended support and maintenance, as well as variety of value-added services. For more information, please visit hp.com/go/designjetsupport.

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays. For more information, visit hp.com/go/OriginalHPinks.

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.