Data sheet

HP Designjet T520 ePrinter series

Professional, web-connected, 24- and 36-inch printer

Fast and professional results

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

- Process complex files at high speeds, A1/D prints in 35 seconds, thanks to 1 GB RAM and HP-GL/2 technology.

- Deliver architectural designs, maps, photos, and presentations with consistent, high-quality results.

- Help reduce downtime and improve productivity by using Original HP inks.

Easy and convenient printing

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

- Rely on true print previews from the driver to complete your work quickly and accurately.

- Two printers in one. Print using the built-in A3/B+ tray and up to A0/E[1] on the front-loading media roll.

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

Print from virtually anywhere[3]

- Use your Apple® or Android™ smartphone or tablet to print from virtually anywhere[3].

- Access and print projects when you're away from your studio, using HP Designjet ePrint & Share[3].

- Automatically save copies of your work to the cloud when you print using HP Designjet ePrint & Share[3].

- Email projects to your HP Designjet T520 ePrinter and print, thanks to its web connectivity features[3].

For more information, please visit
hp.com/go/DesignjetT520

HP Designjet ePrint & Share allows you to print to your HP Designjet ePrinter from your Apple® or Android™ smartphone or tablet—helping you get work done even when you're away from the studio[3]. hp.com/go/eprintandshare

---

[1]   Only with 36-inch model. Print up to A1/D with 24-inch model.
[2]   Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. Supports IEEE 802.11 b/g.
[3]   Requires an HP Designjet ePrint & Share account, Internet connection to the printer, and connected Internet-capable device. When using the HP Designjet ePrint & Share mobile app, a compatible Apple® iOS or Android™ device and Internet connection are required. Data or connection charges may apply. Print times may vary. For more information visit hp.com/go/eprintandshare.

Technical specifications

Print	Line drawings[4]	35 sec/page on A1/D, 70 A1/D prints per hour
	Color images	Fast: 25.6 m²/hr/ (275 ft²/hr) on coated media[5] Best: 2.3 m²/hr (25 ft²/hr) on glossy media[6]
	Print resolution	Up to 2400 x 1200 optimized dpi
	Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) Sheet: 5 x 17 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
	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 (C, M, Y, K)
	Line accuracy	+/- 0.1%[7]
	Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)
	Guaranteed minimum line width	0.07 mm (0.0028 in) (ISO/IEC 13660:2001(E))[8]
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	24-in printer: Rolls: 279 to 610 mm (11 to 24 in) Sheets: 210 x 279 to 610 x 1897 mm (8.3 x 11 to 24 x 74.7 in) Standard sheets: A4, A3, A2, A1 (A, B, C, D) 36-in printer: Rolls: 279 to 914 mm (11 to 36 in) Sheets: 210 x 279 to 914 x 1897 mm (8.3 x 11 to 36 x 74.7 in) Standard sheets: A4, A3, A2, A1, A0 (A, B, C, D, E)
	Thickness	Up to 11.8 mil
Memory		1GB
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 ePrint & 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	24-in printer: 987 x 530 x 932 mm (38.9 x 20.9 x 36.7 in) 36-in printer: 1292 x 530 x 932 mm (50.9 x 20.9 x 36.7 in)
	Shipping	24-in printer: 1123 x 577 x 626 mm (44.2 x 22.7 x 24.6 in) 36-in printer: 1423 x 577 x 626 mm (56 x 22.7 x 24.6 in)
Weight	Printer	24-in printer: 34 kg (75 lb) 36-in printer: 39.2 kg (86.4 lb)
	Shipping	24-in printer: 50 kg (110.2 lb) 36-in printer: 62 kg (136.7 lb)
What's in the box		HP Designjet T520 ePrinter, printhead, ink cartridges[9], printer stand, quick, reference guide, setup poster, startup software, power cord
Environmental ranges		Operating temperature: 5 to 40˚C (41 to 104˚F)
		Storage temperature: -25 to 55˚C (-13 to 131˚F)
		Operating humidity: 20 to 80% RH
Acoustic		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)
		Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 1200 mA max
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN 60950-1 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

Ordering information

Product	CQ890A	HP Designjet T520 24-in ePrinter
	CQ893A	HP Designjet T520 36-in ePrinter
Accessories	B3Q37A	HP Designjet T520 36-in Spindle
	B3Q36A	HP Designjet T120/T520 24-in Spindle
	J8021A	HP Jetdirect ew2500 802.11b/g Wireless Print Server[10]
Original HP printhead	C1Q10A	HP 711 Designjet Printhead Replacement Kit
Original HP ink cartridges	CZ129A	HP 711 38-ml Black Ink Cartridge
	CZ130A	HP 711 29-ml Cyan Ink Cartridge
	CZ131A	HP 711 29-ml Magenta Ink Cartridge
	CZ132A	HP 711 29-ml Yellow Ink Cartridge
	CZ133A	HP 711 80-ml Black Ink Cartridge
	CZ134A	HP 711 3-pack 29-ml Cyan Ink Cartridges
	CZ135A	HP 711 3-pack 29-ml Magenta Ink Cartridges
	CZ136A	HP 711 3-pack 29-ml Yellow Ink Cartridges
Original HP large format printing materials	C1860A C6035A	North America, Latin America Europe, Asia	HP Bright White Inkjet Paper (FSC® certified)[11] [12] 610 mm x 45.7 m (24 in x 150 ft)
	C6019B	HP Coated Paper (PEFC™ certified)[11] [12] 610 mm x 45.7 m (24 in x 150 ft)
	C6029C	HP Heavyweight Coated Paper (PEFC™ certified)[11] [12] 610 mm x 30.5 m (24 in x 100 ft)
	CZ987A	HP Premium Satin Photo Paper (FSC® certified)[11] 610 mm x 15.2 m (24 in x 50 ft)

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. For more information, visit hp.com/go/OriginalHPinks.

For the entire HP Large Format Printing Materials portfolio, please see hp.com/go/lfprinting/materials-supplies.

Service and support	24-in	36-inc	
	U1W23E	U6T83E	HP 3 year Next Business Day Onsite Support
	U1V85E	U6T88E	HP 3 year 4-hour response, 13x5 Onsite Support[13]
	U1V90PE	U6U05PE	HP 1 year Post Warranty, Next Business Day Onsite Support
	U1V93PE	U6T84PE	HP 1 year Post Warranty, 4-hour response, 13x5 Onsite Support[13]

[4] Mechanical printing time. Printed in Fast mode on plain paper with Original HP inks.

[5] Mechanical printing time with Original HP inks. Measured on a 36-in printer.

[6] Mechanical printing time with Original HP inks. Measured on a 24-in printer.

[7] +/-0.1% of the specified vector length or +/-0.2 mm (whichever greater) at 23˚C (73˚F), 50-60 relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Film and Original HP inks.

[8] Measured on HP Matte Film.

[9] Standard ink cartridges included with 36-in printer. Introductory ink cartridges included with 24-in printer.

[10] Only certified for the following workflows: WJA, FTP printing, IPsec.

[11] FSC® trademark license code FSC®-C017543, see fsc.org. PEFC™ trademark license code PEFC™/29-31-198, see pefc.org. Not all FSC®- or PEFC™-certified products are available in all regions.

[12] Can be recycled through commonly available recycling programs.

[13] Not available in North America, and Latin America.

For more information, please visit
hp.com/go/DesignjetT520