



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, D print 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 touchscreen simplifies navigation and printing.
- Rely on true print previews from the driver to complete your work quickly and accurately.
- Print up to 36 inches wide, with a built-in B+ tray and front-loading roll.
- Easily set up your printer and connect everyone in your studio, thanks to built-in Wi-Fi⁽¹⁾.

Print from virtually anywhere

- Use your Apple® or Android™ smartphone or tablet to print from virtually anywhere⁽²⁾.
- Access and print projects when you're away from your studio, using HP Designjet ePrint & Share⁽²⁾.
- Automatically save copies of your work to the cloud when you print using HP Designjet ePrint & Share⁽²⁾.
- Email projects to your HP Designjet T520 ePrinter and print, thanks to its Web connectivity features⁽²⁾.

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⁽²⁾. hp.com/go/eprintandshare

⁽¹⁾ Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

⁽²⁾ 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.

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Technical specifications

| | | | |
|-------------------------------|---|--|--|
| Print | Line drawings ³ | 35 sec/page on A1/D, 70 A1/D prints per hour | |
| | Color images | Fast: 25.6 m ² /hr/ (275 ft ² /hr) on coated media ⁴ Best: 2.3 m ² /hr (25 ft ² /hr) on glossy media ⁵ | |
| | Print resolution | Up to 2400 x 1200 optimized dpi from 1200 x 1200 input dpi and Optimization For Photo Paper selected | |
| | 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% ⁶ | |
| | 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)) ⁷ | |
| | Media | Handling | Sheet feed, roll feed, input tray, automatic cutter |
| | | Weight | 60 to 280 g/m ² (roll/manual feed); 60 to 220 g/m ² (input tray) |
| Size | | 24-in printer: 210 to 610-mm (8.3 to 24-in) wide sheets; 279 to 610-mm (11 to 24-in) rolls 36-in printer: 210 to 914-mm (8.3 to 36-in) wide sheets; 279 to 914-mm (11 to 36-in) rolls | |
| 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 | |
| | 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 ⁸ , 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 (powersave), < 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 | |
| Warranty | One-year limited hardware warranty | | |

Ordering information

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|--|--------|--|---|
| 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 | |
| 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 | North America, Latin America | HP Bright White Inkjet Paper (FSC® certified) ⁹ ♻️ ⁽¹⁰⁾ 610 mm x 45.7 m (24 in x 150 ft) |
| | C6035A | Europe, Asia | |
| | C6019B | | HP Coated Paper (PEFC™ certified) ⁹ ♻️ ⁽¹⁰⁾ 610 mm x 45.7 m (24 in x 150 ft) |
| | C6029C | | HP Heavyweight Coated Paper (PEFC™ certified) ⁹ ♻️ ⁽¹⁰⁾ 610 mm x 30.5 m (24 in x 100 ft) |
| | CZ987A | | HP Premium Satin Photo Paper (FSC® certified) ⁹ 610 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⁽¹¹⁾ as well as dark blacks and true neutral grays⁽¹¹⁾. For more information, visit hp.com/go/OriginalHPInks.

For the entire HP Large Format Printing Materials portfolio, please see hp.com/go/LFPrintingMaterials.

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

(3) Mechanical printing time. Printed in Fast mode on plain paper.

(4) Mechanical printing time. Measured on a 36-in printer.

(5) Mechanical printing time. Measured on a 24-in printer.

(6) +/-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.

(7) Measured on HP Matte Film.

(8) Standard ink cartridges included with 36-in printer. Introductory ink cartridges included with 24-in printer.

(9) FSC® trademark license code FSC®-C017543, see fsc.org. PEFC™ trademark license code PEFC™/29-31-198, see pefc.org.

(10) Can be recycled through commonly available recycling programs.

(11) Applicable to HP Designjet T-series Printers, ePrinters, and eMFPs. True neutral grays produced by printers compatible with the HP Three-black ink set.



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

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