

HP Designjet T520 ePrinter series



A fast, professional, easy-to-use, web-connected, 610 and 914 mm (24- and 36-in) printer.



Achieve fast and professional results with this feature-rich, large-format printer.

- Produce prints up to 2400 dpi – Original HP inks deliver rich colours, sharp lines and fine details. Use HP media for optimal, reliable results.
- Process complex files at high speeds: get a D/A1 print in 35 seconds, thanks to 1 GB RAM and HP-GL/2 technology.
- Deliver architectural designs, maps, photos and presentations without sacrificing quality, thanks to Original HP inks.
- Reduce downtime and improve productivity – Original HP inks help you see consistent, outstanding results from the first print.

Experience easy and convenient printing.

- The intuitive, full-colour, 109 mm (4.3-in) touchscreen simplifies navigation and lets you access and print files right from your printer.
- Rely on true print previews from the driver to complete your work quickly and accurately and prevent costly errors.
- Print documents up to 914 mm (36-in) wide, with a built-in B+/A3 tray and front-loading media roll.
- Easily set up your printer where you need it and connect everyone in your studio, thanks to built-in Wi-Fi².

Print from virtually anywhere¹.

- Print to your HP Designjet ePrinter from your laptop, Apple® or Android™ smartphone or tablet with HP Designjet ePrint & Share¹.
- Access and print large-format projects when you're away from your studio, using HP Designjet ePrint & Share¹.
- Automatically save copies of your work to the cloud, and access them from virtually anywhere with HP Designjet ePrint & Share¹.
- Email projects to your HP Designjet T520 ePrinter and print, thanks to its web connectivity features¹.

¹ 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 www.hp.com/go/eprintandshare.

² Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

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Technical specifications

Print

Line Drawings	35 sec/page, 70 A1 prints per hour
Colour images	CQ890A: 22.4 m ² /hr on coated media; 2.9 m ² /hr on glossy media CQ893A: 25.6 m ² /hr on coated media; 3.2 m ² /hr on glossy media
Print resolution	Up to 2400 x 1200 optimised dpi from 1200 x 1200 input dpi and optimisation for photo paper selected
Margins (top x bottom x left x right)	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 colours	4 (1 each cyan, magenta, yellow, black)
Ink drop	5.5 pl (C, M, Y); 12 pl (K)
Print cartridge volume delivered	HP 711 Ink Cartridge: black (80 ml); black (38 ml); cyan, magenta, yellow (29 ml)
Print head nozzles	1376
Print heads	1 (cyan, magenta, yellow, black)
Line accuracy	+/- 0.1%
Minimum line width	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.07 mm (ISO/IEC 13660:2001(E))
Maximum print length	45.7 m
Maximum print weight	CQ890A: 4.1 kg; CQ893A: 6.2 kg;
Maximum optical density	2.10 maximum black optical density (8 L*min)

Media

Handling	Sheet feed; roll feed; input tray; automatic cutter
Types	Bond and coated paper (bond, coated, heavyweight coated, recycled, plain, bright white), technical paper (natural tracing, vellum), film (clear, matte), photographic paper (satin, gloss, semigloss, premium, polypropylene), self-adhesive (adhesive, polypropylene)
Weight	60 to 280 g/m ² (roll/manual feed); 60 to 220 g/m ² (input tray)
Size	CQ890A: Input tray: 210 x 279 to 330 x 482 mm; manual feed: 330 x 482 to 610 x 1897 mm; roll: 279 to 610 mm; CQ893A: Input tray: 210 x 279 to 330 x 482 mm; manual feed: 330 x 482 to 914 x 1897 mm; roll: 279 to 914 mm;
Thickness	Up to 0.3 mm

Memory

Standard	1 GB
Hard disk	None

Connectivity

Interfaces (standard)	Fast Ethernet (100Base-T); Hi-Speed USB 2.0; WiFi
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® (optimised for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X

Recommended system requirements

Mac	Mac OS X v10.6: Mac computer with Intel® Core™ Processor; 2 GB RAM; 4 GB available hard disk space
Windows	Microsoft® Windows® 7: 32-bit (x86) or 64-bit (x64) processor (1 GHz); 2 GB RAM (32-bit) or 4 GB RAM (64-bit); 4 GB available hard disk space; Windows Vista® Ultimate/Business/Home Premium: 32-bit (x86) or 64-bit (x64) processor (1 GHz); 2 GB RAM; 4 GB available hard disk space; Windows® XP Professional/Home (SP3 or higher): Intel® Pentium® family or AMD K6™/Athlon™/Duron™ family (1 GHz); 1 GB RAM; 2 GB available hard disk space

Environmental ranges

Operating temperature	5 to 40°C
Storage temperature	-25 to 55°C
Operating humidity	20 to 80% RH
Storage humidity	0 to 95% RH

Acoustic

Sound Pressure	48 dB(A), < 16 dB(A) (standby)
Sound Power	6.5 B(A), < 3.4 B(A) (standby)

What's in the box

CQ890A	HP Designjet T520 610 mm (24-in) ePrinter; printhead; introductory ink cartridges; printer stand; quick reference guide; setup poster; startup software; power cord
CQ893A	HP Designjet T520 914 mm (36-in) ePrinter; printhead; ink cartridges; printer stand; quick reference guide; setup poster; startup software; power cord

Dimensions (w x d x h)

Printer	CQ890A: 987 x 530 x 932 mm; CQ893A: 1292 x 530 x 932 mm;
Shipping	CQ890A: 1123 x 577 x 626 mm; CQ893A: 1423 x 577 x 626 mm;

Weight

Printer	CQ890A: 34 kg; CQ893A: 39.2 kg;
Shipping	CQ890A: 50 kg; CQ893A: 62 kg;

Power consumption

Maximum	< 35 watts (printing), < 4.5 watts (power save), < 0.3 watts (standby)
Power requirements	Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 1200 mA max

Certification

Safety	EU (LVD and EN 60950-1 compliant); Russia (GOST)
Electromagnetic	Compliant with Class B requirements, including: EU (EMC/R&TTE Directives)
ENERGY STAR	Yes

Warranty

One-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product

CQ890A	HP Designjet T520 610mm ePrinter
CQ893A	HP Designjet T520 914mm ePrinter

Accessories

B3Q36A	HP Designjet T120/T520 24-in Spindle
B3Q37A	HP Designjet T520 36-in Spindle

Ink supplies

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
C1Q10A	HP 711 Designjet Printhead Replacement Kit

Service & support

U1W23E	- HP 3 year Next Business Day Designjet T520 24-in Hardware Support
U1V85E	- HP 3 year 4-hour 13x5 Designjet T520 24-in Hardware Support
U1V90PE	- HP 1 year Post Warranty Next Business Day Designjet T520 24-in Hardware Support
U1V93PE	- HP 1 year Post Warranty 4-hour 13x5 Designjet T520 24-in Hardware Support
*U1V85E/U1V93PE	- Please check availability at country level.
U6T83E	- HP 3 year Next Business Day Designjet T520 36-in Hardware Support
U6T88E	- HP 3 year 4-hour 13x5 Designjet T520 36-in Hardware Support
U6U05PE	- HP 1 year Post Warranty Next Business Day Designjet T520 36-in Hardware Support
U6T84PE	- HP 1 year Post Warranty 4-hour 13x5 Designjet T520 36-in Hardware Support
*U6T88E/U6T84PE	- Please check availability at country level.

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.



For more information, please visit <http://www.hp.com/go/DesignjetT520>

For more HP Large Format Media substrates and sizes please visit us online at: <http://www.hp.com/go/designjet/supplies>

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4AA4-3325EEE Published in EMEA November 2012

