

HP Designjet T120 ePrinter series



An affordable, easy-to-use, web-connected 610 mm (24-inch) printer with Wi-Fi connectivity¹.



Get more for your money.

- Enjoy the benefits of two printers in one: with a built tray that can take from A4 up-to +/A3 cut sheets and convenient front-loading roll you can produce prints 210 mm (8.5-inch) to 610 mm (24-inch) wide.
- Install your printer where it's most convenient and work where you want, thanks to built-in Wi-Fi connectivity¹.
- Save time and money: take control of your print jobs by plotting them in-house.
- Experience consistent, outstanding print quality and high productivity – Original HP inks deliver rich colours and sharp lines.

Discover how simple large-format printing can be with this compact, easy-to-use printer.

- Easily fit this printer where you need it in your workspace – at 987 mm (38.9 inches) wide it's the smallest in its class.
- The intuitive, full-colour, 109 mm (4.3 inch) touchscreen enables intuitive operation and simplifies navigation and printing.
- Complete your work quickly and accurately: accurate print previews are designed to help you print what you need on the first try. Save time and supplies knowing that what you see is what you get.

Print from virtually anywhere².

- HP Designjet ePrint & Share allows you to print to your HP Designjet ePrinter from your laptop, Apple® or Android™ smartphone or tablet².
- Access and print large-format projects when you're away from your studio, using HP Designjet ePrint & Share².
- Automatically save copies of your work to the cloud, and access them from virtually anywhere with HP Designjet ePrint & Share².
- Email projects to your HP Designjet T120 ePrinter and print, thanks to its web connectivity features².

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 www.hp.com/go/eprintandshare.

HP Designjet T120 ePrinter series

Technical specifications

Print

Line Drawings	70 sec/page, 40 A1 prints per hour
Colour images	CQ891A: 22.4 m ² /hr on coated media; 2.9 m ² /hr on glossy media
Print resolution	Up to 1200 x 1200 optimised dpi from 600 x 600 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 (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	0.04 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	4.1 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	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
Thickness	Up to 0.3 mm

Memory

Standard	256 MB
Hard disk	None

Connectivity

Interfaces (standard)	Fast Ethernet (100Base-T); Hi-Speed USB 2.0 certified; WiFi
Print languages (standard)	HP PCL 3 GUI, JPEG
Drivers included	HP PCL 3 GUI driver for Mac OS X and Windows®

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

CQ891A	HP Designjet T120 ePrinter; printhead; introductory ink cartridges; quick reference guide; setup poster; startup software; power cord
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Dimensions (w x d x h)

Printer	987 x 530 x 285 mm
Shipping	1141 x 620 x 415 mm

Weight

Printer	25.5 kg
Shipping	30 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.
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Ordering information

Product

CQ891A	HP Designjet T120 610mm ePrinter
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Accessories

B3Q35A	HP Designjet T120 24-in Stand
B3Q36A	HP Designjet T120/TS20 24-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

U1V95E	- HP 3 year Next Business Day Designjet T120 24-in Hardware Support
U1W29E	- HP 3 year 4-hour 13x5 Designjet T120-24-in Hardware Support
U1W34PE	- HP 1 year Post Warranty Next Business Day Designjet T120 24-in Hardware Support
U6A00PE	- HP 1 year Post Warranty 4-hour 13x5 Designjet T120-24-in Hardware Support

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/DesignjetT120>

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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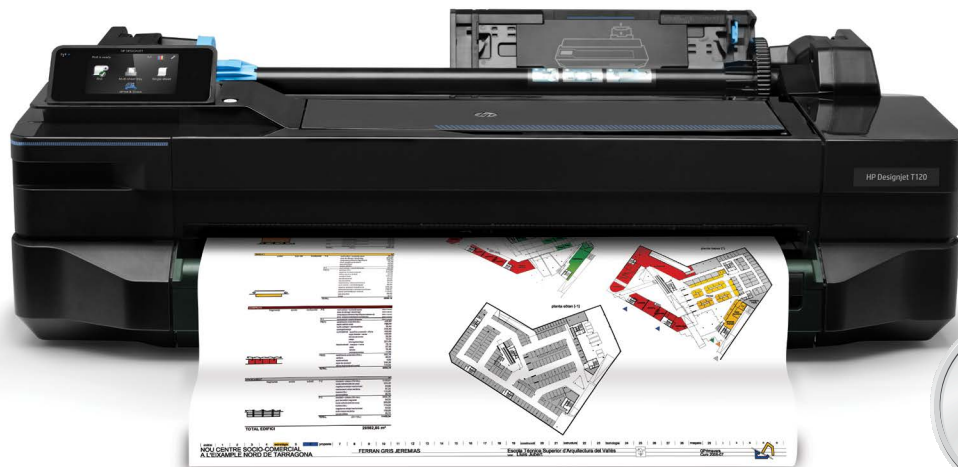
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HP DesignJet T120 Printer

The most affordable HP DesignJet printer¹—easy to use and ultra compact



Value—More for your money

- Take control of your print jobs—print technical documents in-house—and help save time and money.
- Easily print project sets and PDF documents with HP Click printing software.
- Get HP DesignJet quality in small-format sizes—print half-size documents with the A4/A3 input tray.
- Print faster—get A1/D prints in 45 sec from the roll, cut sheets at 6 pages per minute from the sheet feeder.

SUPER COMPACT—This printer can fit anywhere

- The most compact 24-inch printer² is the perfect fit for your studio or office.
- Fits anywhere—place this printer on your desktop, shelf, or wherever it's convenient with the optional stand.
- Move this printer any time, any place—with Wi-Fi connectivity, all you need is a power plug.³
- The professional look and feel of this printer is designed to complement your workplace.

MOBILE—Easily print from smartphone or tablet³

- Print easily from your smartphone or tablet with HP Mobile Printing.³
- When you're on-the-go, you can print a file by sending an email to the printer using ePrint.³
- HP Smart app provides additional printing and collaboration features.⁴

For more information, please visit hp.com/go/designjetT120

¹ Compared to other HP DesignJet T-series printers.

² Based on competitive alternatives with comparable size and features as of June, 2017.

³ Local printing requires mobile device and printer to be on the same network (usually Wi-Fi access points bridge wireless to wired connections). Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/designjetmobility for more details.

⁴ The HP Smart app is available for Apple® iPad, iPhone, and iPod Touch running iOS v7.0 or later and for Android™ mobile devices running Android™ v4.4 or later. The HP Smart app is available for free from the Apple® App Store for Apple® mobile devices and from the Google Play Store for Android™ mobile devices.

Technical specifications

Print	Line drawings ⁵	45 sec/page on A1/D, 60 A1/D prints per hour	
	Print resolution	Up to 1200 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 5 x 5 x 5 mm (0.2 x 0.2 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	0.04 mm (0.0016 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		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)	
Thickness		Up to 11.8 mil	
Memory	256 MB		
Connectivity	Interfaces (standard)	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, Wi-Fi	
	Print languages (standard)	JPEG	
	Printing paths	Windows and Mac printer drivers, Apple AirPrint, HP Print service Plugin for Android, HP Print for Chrome app for Chrome OS	
	Mobile printing capability features	Direct print for mobile apps for iOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for iOS and Android	
	Drivers (included)	Raster driver for macOS and Windows	
Dimensions (w x d x h)	Printer	987 x 530 x 285 mm (38.9 x 20.9 x 11.2 in)	
	Shipping	1141 x 620 x 415 mm (44.9 x 24.4 x 16.3 in)	
Weight	Printer	25.5 kg (56.2 lb)	
	Shipping	30 kg (66.1 lb)	
What's in the box	HP DesignJet T120 24-in Printer, printhead, introductory ink cartridges, quick reference guide, setup poster, startup software, power cord		
Software included	HP Click printing software, HP DesignJet Utility for Mac and Windows		
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), < 0.3 watts (standby)		
	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 EN 60950-1 compliant); Russia (EAC); 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, EPEAT Bronze	
Warranty	One-year limited hardware warranty		

Ordering information

Product	CQ891C	HP DesignJet T120 24-in Printer
Accessories	B3Q35A	HP DesignJet T120/T520 24-in Stand
	B3Q36A	HP DesignJet T120/T520 24-in Spindle
	J8021A	HP Jetdirect ew2500 802.11b/g Wireless Print Server
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	C6035A	HP Bright White Inkjet Paper (FSC® certified) ⁸ ♻️ ⁹ 610 mm x 45.7 m (24 in x 150 ft)
	C6019B	HP Coated Paper ♻️ ⁹ 610 mm x 45.7 m (24 in x 150 ft)
	C6029C	HP Heavyweight Coated Paper ♻️ ⁹ 610 mm x 30.5 m (24 in x 100 ft)
	COF18A	HP Everyday Adhesive Matte Polypropylene, 2 Pack 610 mm x 22.9 m (24 in x 75 ft)
Service and support	UC744E	HP Network Installation Service
	U9MQ2E	HP Monthly NBD* Onsite Support
	U1V94E	HP 2 year NBD* Onsite Support
	U1V95E	HP 3 year NBD* Onsite Support
	U1W26E	HP 4 year NBD* Onsite Support
	U1W27E	HP 5 year NBD* Onsite Support
	U1W34PE	HP 1 year Post Warranty NBD* Onsite Support
	U1W35PE	HP 2 year Post Warranty NBD* Onsite Support

* Next Business Day.

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**, printheads and large format printing materials 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 visit HPLFMedia.com.

⁵ Mechanical printing time. Printed in Fast mode on plain paper with Original HP inks.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 Heavyweight Coated roll feed and Original HP inks.⁷ Measured on HP Matte Film.⁸ 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.⁹ Can be recycled through commonly available recycling programs.

For more information, please visit
hp.com/go/designjetT120

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