



# HP DesignJet T120 Printer

**The most affordable HP DesignJet printer – easy to use and ultra compact**



## VALUE – More for your money

- Produce prints using the built-in A3/B+ tray and up to A1 using the front-loading media roll.
- High print quality and productivity with Original HP inks and a long-lasting printhead.
- Take control of your large-format print jobs by plotting them in-house – helping to save time and money.

## COMPACT – Easy to use and fits nearly anywhere

- Easily fit this printer – the smallest in its class<sup>3</sup> – where you need it in your studio.
- The intuitive, full-colour, 109-mm (4.3-inch) touchscreen simplifies navigation and printing.
- No LAN needed – move this printer any time, any place your Wi-Fi signal can reach with wireless connectivity.<sup>2</sup>

## MOBILE – Easily print from smartphone or tablet<sup>2</sup>

- Print straight from your Apple® or Android™<sup>5</sup> smartphone or tablet with HP Mobile Printing.<sup>2</sup>
- If you're on-the-go, attach your document to an email and send it directly to your printer via ePrint.<sup>2</sup>
- Use the HP AiO Printer Remote<sup>4</sup> to access additional print features when printing from your mobile device.

**For more information, please visit**  
<http://www.hp.com/go/designjett120>

<sup>1</sup> Compared to other HP DesignJet T-series printers.

<sup>2</sup> 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 <http://www.hp.com/go/designjetmobility> for more details.

<sup>3</sup> Based on competitive alternatives with comparable size and features as of September, 2015.

<sup>4</sup> The HP All-in-One Printer Remote mobile 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 All-in-One Printer Remote mobile app is available for free from the Apple® App Store for Apple® mobile devices and from the Google Play Store for Android™ mobile devices.

<sup>5</sup> The HP Print Service Plugin app is available for Android™ mobile devices running Android™ v4.4 or later. The app is free from Google Play.

## Technical specifications

| Print                         |   |
|-------------------------------|---|
| Line drawings                 | 70 sec/page on A1; 40 A1 prints per hour <sup>1</sup>   |
| Colour images                 | <b>Fast:</b> 22.4 m <sup>2</sup> /hr <sup>1</sup> on coated media<br><b>Best:</b> 2.3 m <sup>2</sup> /hr <sup>1</sup> on glossy media |
| Print resolution              | Up to 1200 x 1200 optimized dpi   |
| Margins                       | <b>Roll:</b> 5 x 5 x 5 mm<br><b>Sheet:</b> 5 x 17 x 5 x 5 mm  |
| Technology                    | HP Thermal Inkjet   |
| Ink types                     | Dye-based (C, M, Y); pigment-based (K)  |
| Ink cartridges                | 4 (cyan, magenta, yellow, black)  |
| Printheads                    | 1 (cyan, magenta, yellow, black)  |
| Line accuracy                 | ±0.1% <sup>2</sup>  |
| Minimum line width            | 0.04 mm (HP-GL/2 addressable)   |
| Guaranteed minimum line width | 0.07 mm (ISO/IEC 13660:2001(E)) <sup>3</sup>  |
| Media                         |   |
| Handling                      | Sheet feed; roll feed; input tray; automatic cutter   |
| Weight                        | 60 to 280 g/m <sup>2</sup> (roll/manual feed); 60 to 220 g/m <sup>2</sup> (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                        |   |
|                               | 256 MB  |
| 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®   |
| 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   |
| What's in the box             |   |
|                               | HP DesignJet T120 Printer; printhead; introductory ink cartridges; quick reference guide; setup poster; startup software; power cord  |
| Environmental ranges          |   |
| Operating temperature         | 5 to 40°C   |
| Storage temperature           | -25 to 55°C   |
| 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                        | EU (LVD and EN 60950-1 compliant); Russia (GOST)  |
| Electromagnetic               | Compliant with Class B requirements, including: EU (EMC/R&TTE Directives)   |
| Environmental                 | ENERGY STAR®; WEEE; EU RoHS; REACH; EuP; FEMP; EPEAT Bronze   |
| Warranty                      |   |
|                               | One-year limited hardware warranty  |

<sup>1</sup> Mechanical printing time.<sup>2</sup> ±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.<sup>3</sup> Measured on HP Matte Film.

## Ordering information

| Product                                     |   |
|---|---|
| CQ891A                                      | HP DesignJet T120 610-mm Printer                              |
| Accessories                                 |   |
| B3Q35A                                      | HP DesignJet T120 24-in Stand                                 |
| 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                         |   |
| U1V95E                                      | HP 3 year Next Business Day Onsite Support                    |
| U1W29E                                      | HP 3 year 4-hour response, 13x5 Onsite Support                |
| U1W34PE                                     | HP 1 year Post Warranty, Next Business Day Onsite Support     |
| U6A00PE                                     | 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](http://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](http://hp.com/go/OriginalHPInks).

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://HPLFMedia.com).

