

# HP Designjet T120 ePrinter series



An affordable, easy-to-use, web-connected 610 mm (24-inch) printer with Wi-Fi connectivity<sup>1</sup>.



## 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 connectivity<sup>1</sup>.
- 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 anywhere<sup>2</sup>.

- HP Designjet ePrint & Share allows you to print to your HP Designjet ePrinter from your laptop, Apple® or Android™ smartphone or tablet<sup>2</sup>.
- Access and print large-format projects when you're away from your studio, using HP Designjet ePrint & Share<sup>2</sup>.
- Automatically save copies of your work to the cloud, and access them from virtually anywhere with HP Designjet ePrint & Share<sup>2</sup>.
- Email projects to your HP Designjet T120 ePrinter and print, thanks to its web connectivity features<sup>2</sup>.

<sup>1</sup> Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

<sup>2</sup> 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](http://www.hp.com/go/eprintandshare).

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## Technical specifications

### Print

|                                       |  |
|---------------------------------------|--|
| Line Drawings                         | 70 sec/page, 40 A1 prints per hour   |
| Colour images                         | <b>CQ891A:</b> 22.4 m <sup>2</sup> /hr on coated media; 2.9 m <sup>2</sup> /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<br>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 <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

|           |        |
|-----------|--------|
| 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 |
|--------|---|

### 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. |
|--|---|

## Ordering information

### Product

|        |                                  |
|--------|----------------------------------|
| CQ891A | HP Designjet T120 610mm ePrinter |
|--------|----------------------------------|

### 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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