



HP Designjet T620 Printer series

**A reliable 610 mm printer for small
CAD/GIS workgroups.**



Do more in less time with simple setup and easy sharing.

- Easily meet deadlines: with speeds of up to 35 seconds per A1 page¹, you can print CAD/GIS projects up to 3 times faster than with the HP Designjet 500 Printer²
- Enjoy easy sharing thanks to the built-in network card
- Print batch files³ easily without having to open any application, using the free HP Instant Printing Utility
- Intelligent technology, built into Original HP supplies, provides time-saving features to help optimise print quality and reliability



Increase your power to communicate with clear, accurate drawings and colourful presentations.

- Achieve precise, accurate line quality, true neutral greys and a wide range of vivid colours with the 6-ink printing system including 2 HP Vivera black inks (Matte black and Photo black) together with a grey ink
- Produce exacting detail with 0.02 mm minimum line width⁴ and highly accurate drawings with 0.1% line accuracy
- Create stunning large-format posters that convey your message clearly with Serif PosterDesigner Pro for HP⁵
- Print on new HP bond papers and HP Recycled Bond Paper

Focus on creating your designs with this fast and reliable printer.

- Work confidently with 2 GB of dedicated memory, exclusively for faster processing of the most complex files
- Experience greater operating system support with original HP-GL/2 and RTL
- Upgrade with peace of mind: colour emulation capabilities enable you to reproduce the same, consistent colours produced on your previous Designjet
- Handle prints right off the printer as fast-drying HP Vivera inks produce smudge-resistant results



¹ Using HP-GL/2 accessory, Fast mode on plain paper; intervention time not included

² Compared to the HP Designjet 500 Plus Printer series, based on 4 copies of 50 A1 pages using normal print quality on plain paper; intervention time not included

³ HP-GL/2, DWF, PDF, JPEG, TIFF, and MS Office 2007 (Word, Excel, Powerpoint) files

⁴ HP-GL/2 addressable

⁵ Serif PosterDesigner Pro for HP is an optional software accessory; please purchase separately.

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TECHNICAL SPECIFICATIONS

| | |
|--|---|
| Print speed | |
| Line drawings | Fast: 35 sec/page, 72 A1 prints per hour |
| Printing | |
| Print resolution | Up to 2400 x 1200 optimised dpi |
| Margins (top x bottom x left x right) | Roll: 5 mm (top), 5 mm (right), 5 mm (left), 5 mm (bottom) Sheet: 5 mm (top), 5 mm (right), 5 mm (left), 16.75 mm (bottom) |
| Technology | HP Thermal Inkjet |
| Ink types | Dye-based (C, M, Y, G, PK), pigment-based (MK) |
| Ink colours | 6 (cyan, grey, magenta, matte black, photo black, yellow) |
| Ink drop | 6 pl (C, M, PK, G), 9 pl (Y, MK) |
| Line accuracy | +/- 0.1% (+/-0.1% of the specified vector length or +/-0.1 mm - whichever greater - at 23° C, 50-60% relative humidity, on A0 printing material in Best or Normal mode with HP Matte Film) |
| Minimum line width | 0.02 mm (HPGL/2 addressable) |
| Guaranteed minimum line width | 0.06 mm (ISO/IEC 13660:2001(E)) |
| Maximum print length | 91.4 m |
| Image quality | |
| Maximum optical density | 2.15 maximum black optical density (6 L *min) |
| Media | |
| Handling | Sheet feed, roll feed, automatic cutter |
| Types | Bond and coated paper, technical paper, film, photographic paper, backlit, self-adhesive |
| Weight | 60 to 328 g/m ² |
| Size | 210 x 279 to 610 x 1676 mm |
| Thickness | Up to 0.8 mm |
| Memory | |
| Standard | 2 GB dedicated file-processing memory (384 MB RAM memory) |
| Hard disk | None |
| Connectivity | |
| Interfaces (standard) | 1 Fast Ethernet (100Base-T) port, 1 Hi-Speed USB 2.0 port, 1 EIO Jetdirect accessory slot |
| Interfaces (optional) | HP Jetdirect print servers |
| Print languages (standard) | HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI |
| 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; support for Citrix® XenApp and Citrix® XenServer environments |
| Recommended system requirements | |
| Mac | Mac OS X v10.4, v10.5: PowerPC G4, G5, or Intel® Core Processor; 1 GB RAM; 2 GB available hard disk space |
| Windows | Microsoft® Windows® XP Home/Professional (SP2 or higher); Intel® Pentium® family or AMD® K6®/Athlon®/Duron® family (1 GHz), 1 GB RAM, 2 GB available hard disk space; Windows Vista® Home Premium/Business/Ultimate: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 2 GB RAM, 2 GB available hard disk space |
| Dimensions (w x d x h) | |
| Printer | 1262 x 661 x 391 mm |
| Shipping | 1440 x 766 x 623 mm |
| Weight | |
| Printer | 47 kg |
| Shipping | 89 kg |
| What's in the box | |
| CK835A | Printer, printheads (3 x 2 colours each), introductory ink cartridges, Quick Reference Guide, setup poster, Serif PosterDesigner Pro poster, start-up software, power cord |
| Environmental ranges | |
| Operating Temperature | 5 to 40° C |
| Recommended operating temperature | 15 to 35° C (depending on paper type) |
| Storage temperature | -25 to 55° C |
| Recommended operating humidity | 0 to 80% RH (depending on paper type) |
| Storage humidity | 0 to 95% RH |
| Acoustic | |
| Sound Pressure | 57 dB(A), 29 dB(A) (standby) |
| Sound Power | 6.9 B(A), 4.4 B(A) (standby) |
| Power Consumption | |
| Maximum | 120 watts maximum (active), 29 watts (standby), < 9.5 watts / < 27.5 watts with embedded DFE (powersave), 0.1 watts (off) |
| Power requirements | Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max |
| Certification | |
| Safety | EU (LVD and EN 60950-1 compliant), Russia (GOST) |
| Electromagnetic | Compliant with Class B requirements: EU (EMC Directive) |
| Environmental | Energy Star, WEEE, EU RoHS, REACH, EuP, FEMP |
| ENERGY STAR | Yes |
| Warranty | |
| | Standard warranty: one year, next business day on-site support. Warranty and support options vary by product, country and local legal requirements. |

ORDERING INFORMATION

| | |
|------------------------------|---|
| Product | |
| CK835A | HP Designjet T620 610 mm Printer |
| Accessories | |
| Q6663A | HP Designjet Zx100/Tx100/Tx10 24-in Stand |
| Q6700A | HP Designjet Zx100/Tx100/Tx10 24-inch Spindle |
| J7961G | HP Jetdirect 635n IPv6/IPsec Print Server |
| CN088A | Serif PosterDesigner Software Pro for HP Designjet Printers |
| Ink supplies | |
| C9397A | HP 72 69-ml Photo Black Ink Cartridge |
| C9398A | HP 72 69-ml Cyan Ink Cartridge |
| C9399A | HP 72 69-ml Magenta Ink Cartridge |
| C9400A | HP 72 69-ml Yellow Ink Cartridge |
| C9401A | HP 72 69-ml Grey Ink Cartridge |
| C9403A | HP 72 130-ml Matte Black Ink Cartridge |
| C9370A | HP 72 130-ml Photo Black Ink Cartridge |
| C9371A | HP 72 130-ml Cyan Ink Cartridge |
| C9372A | HP 72 130-ml Magenta Ink Cartridge |
| C9373A | HP 72 130-ml Yellow Ink Cartridge |
| C9374A | HP 72 130-ml Grey Ink Cartridge |
| C9380A | HP 72 Gray and Photo Black Printhead |
| C9383A | HP 72 Magenta and Cyan Printhead |
| C9384A | HP 72 Matte Black and Yellow Printhead |
| Media supplies | |
| Q6626A | HP Super Heavyweight Plus Matte Paper-610 mm x 30.5 m (24 in x 100 ft) |
| C6029C | HP Heavyweight Coated Paper-610 mm x 30.5 m (24 in x 100 ft) |
| C6019B | HP Coated Paper-610 mm x 45.7 m (24 in x 150 ft) |
| C6035A | HP Bright White Inkjet Paper-610 mm x 45.7 m |
| Q1396A | HP Universal Bond Paper-610 mm x 45.7 m (24 in x 150 ft) |
| CG889A | HP Recycled Bond Paper-610 mm x 45.7 m (24 in x 150 ft) |
| C3869A | HP Natural Tracing Paper-610 mm x 45.7 m (24 in x 150 ft) |
| C3876A | HP Clear Film-610 mm x 22.9 m (24 in x 75 ft) |
| 51642A | HP Matte Film-610 mm x 38.1 m (24 in x 125 ft) |
| Q1427A | HP Universal High-gloss Photo Paper-914 mm x 30.5 m (36 in x 100 ft) |
| Q1420A | HP Universal Semi-gloss Photo Paper-610 mm x 30.5 m (24 in x 100 ft) |
| Service & support | |
| US261E | HP Care Pack, Next Business Day On Site, 5 years |
| US262E | HP Care Pack, Next Business Day On Site, 4 years |
| US263E | HP Care Pack, Next Business Day On Site, 3 years |
| US256E | HP Care Pack, 4hr 13x5 Same Business Day On Site, 3 years |
| US257PE | HP Care Pack, Post Warranty, Next Business Day On Site, 1 year |
| US252PE | HP Care Pack, Post Warranty, 4hr 13x5 Same Business Day On Site, 1 year |

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

For more information, visit our website at <http://www.hp.com>

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