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 page[1], you can print CAD/GIS projects up to 3 times faster than with the HP Designjet 510 Printer[2]

- Enjoy easy sharing thanks to the built-in network card

- Print batch files[3] 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 width[4] and highly accurate drawings with 0.1% line accuracy

- Create stunning large-format posters that convey your message clearly with Serif PosterDesigner Pro for HP[5]

- 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 510 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 (HP-GL/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/m²
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)
Q1420A	HP Universal Semi-gloss Photo Paper-610 mm x 30.5 m (24 in x 100 ft)
Q1426A	HP Universal High-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