



HP Designjet T770 Printer series

A reliable, plug-and-play, 1118 mm printer
for small work teams.



Easily do more in less time and grow your business.

- Meet deadlines without sacrificing quality with 2 A1-sized prints per minute using the fast (Economode) print setting
- Improve media loading with this convenient, space-saving, hassle-free front-loading, top roll printer
- Enjoy easy sharing with a built-in network card
- Increase options with system enhancements like more memory up to 8 GB¹ and a PostScript accessory²
- Print batch files³ without opening any application using the free HP Instant Printing Utility.

Impress your clients with prints that have a new level of detail and accuracy with HP Vivera Inks.

- Achieve rich, dark blacks and fine detailed lines with HP Vivera inks, including 2 HP Vivera blacks and a grey ink in this 6-ink printing system
- Get crisp text and drawings with line accuracy to 0.1%, 0.02 mm minimum line width⁴
- Create posters in-house with the Serif PosterDesigner Pro for HP⁵
- Optimise blue prints using the new printing mode for generic natural tracing paper
- Create great prints with new, improved HP bond papers and HP Recycled Bond Paper (100% recycled base paper).

Count on this reliable HP Designjet for enhanced productivity and full compatibility.

- Process complex files quickly: files are processed in the printer not on the workstation
- Enhance your productivity with a 160 GB hard disk, including 8 GB of dedicated memory for fast file processing¹
- Enjoy operating system support for most CAD applications with original HP-GL/2 and RTL
- Experience efficient, reliable printing with Original HP printing supplies and materials
- Manage your printer fleet and costs with HP Web Jetadmin and the HP accounting tool.



¹ 8 GB maximum memory includes 2 GB of standard memory and an optional 6 GB memory accessory, which must be purchased separately

² The PostScript accessory is an optional accessory; please purchase separately (includes 6 GB memory upgrade)

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

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: 28 sec/page, 103 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%
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 m (OS and application dependent)
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 1118 x 1676 mm
Thickness	Up to 11.8 mil
Memory	
Standard	Hard Disk Version Printer: 8 GB dedicated file-processing memory ; Base Model: 2 GB dedicated file-processing memory;
Hard disk	Hard Disk Version Printer: Standard, 160 GB ; Base Model: None;
Connectivity	
Interfaces (standard)	1 Hi-Speed USB 2.0 Device port; 1 Hi-Speed USB 2.0 Host port; 1 EIO port; 1 Fast Ethernet (100Base-T) port
Interfaces (optional)	HP Jetdirect internal print servers
Print Languages (standard)	Hard Disk Version Printer: HP-GL/2; HP-RTL; CALS G4; HP PCL 3 GUI ; Base Model: HP-GL/2, HP-RTL, HP PCL 3 GUI;
Print Languages (optional)	Adobe® PostScript® 3; Adobe® PDF 1.7
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; Postscript Windows®, Linux, and Mac drivers with optional dongle (will remove HP PCL 3 GUI driver support)
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	1770 x 702 x 1050 mm
Shipping	1930 x 766 x 778 mm
Weight	
Printer	81.6 kg
Shipping	111 kg
What's in the box	
CN375A	Printer, printheads (3 x 2 colours each), 160 GB Hard Disk Drive, introductory ink cartridges, 1118 mm stand, 1118 mm spindle, Quick Reference Guide, setup poster, Serif PosterDesigner Pro for HP poster, start-up software, power cord
CH539A	Printer, printheads (3 x 2 colours each), introductory ink cartridges, 1118 mm stand, 1118 mm spindle, Quick Reference Guide, setup poster, Serif PosterDesigner Pro for HP 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	20 to 80% RH (depending on paper type)
Storage humidity	0 to 95% RH
Acoustic	
Sound Pressure	46 dB(A), 26 dB(A)
Sound Power	6.2 B(A), 4.4 B(A) (standby)
Power Consumption	
Maximum	120 watts maximum (active), < 27 watts (standby), < 7 watts / < 25 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; China 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	
CN375A	HP Designjet T770 1118 mm Hard Disk Version Printer
CH539A	HP Designjet T770 1118 mm Printer
Accessories	
Q6709A	HP Designjet 44-inch Roll Feed Spindle
CN500A	HP Designjet T770 PostScript Upgrade Kit
J7961G	HP Jetdirect 635n IPv6/IPsec Print Server
CN499A	HP Designjet T770 Memory Upgrade
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	
Q6628A	HP Super Heavyweight Plus Matte Paper-1067 mm x 30.5 m (42 in x 100 ft)
C6030C	HP Heavyweight Coated Paper-914 mm x 30.5 m (36 in x 100 ft)
C6020B	HP Coated Paper-914 mm x 45.7 m (36 in x 150 ft)
C6036A	HP Bright White Inkjet Paper-914 mm x 45.7 m
Q1397A	HP Universal Bond Paper-914 mm x 45.7 m (36 in x 150 ft)
CG891A	HP Recycled Bond Paper-1067 mm x 45.7 m (42 in x 150 ft)
C3868A	HP Natural Tracing Paper-914 mm x 45.7 m (36 in x 150 ft)
C3875A	HP Clear Film-914 mm x 22.9 m (36 in x 75 ft)
Q1426A	HP Universal High-gloss Photo Paper-610 mm x 30.5 m (24 in x 100 ft)
Q1421A	HP Universal Semi-gloss Photo Paper-914 mm x 30.5 m (36 in x 100 ft)
Service & support	
US249E	HP Care Pack, Next Business Day On Site, 5 years
US250E	HP Care Pack, Next Business Day On Site, 4 years
US251E	HP Care Pack, Next Business Day On Site, 3 years
US244E	HP Care Pack, 4hr 13x5 Same Business Day On Site, 3 years
US245PE	HP Care Pack, Post Warranty, Next Business Day On Site, 1 year
US239PE	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>

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