HP Designjet T770 Printer series

A reliable plug-and-play printer for small 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.
- Increase your possibilities with systems enhancements like more memory up to 8 GB[1] and an optional PostScript accessory[2].
- Print batch files without opening any application thanks to the free HP Instant Printing.

Small details increase your power to communicate.

- Achieve rich, dark blacks and fine detailed lines with 6 Original HP inks, including 2 blacks and a grey ink.
- Produce crisp text and drawings with improved line accuracy to 0.1%, 0.02 mm minimum line width[3].
- Create stunning, high impact posters with the Serif PosterDesigner Pro for HP[4].
- Create great prints with new, improved HP bond papers and HP Recycled Bond Paper (100% recycled base paper).

Focus on your design with a reliable printer.

- Work with confidence as this printer easily handles complex files, and with in-printer processing architecture and dedicated file processing memory, files are processed in the printer, not your workstation.
- Increase memory capabilities with a 160 GB hard disk version printer and 8 GB memory for fast, file processing[1].
- Get greater operating system support for most CAD applications with original HP-GL/2 and RTL.
- Efficient, reliable printing with Original HP printing supplies and printing materials.

ecoHIGHLIGHTS

- Save paper with blank print area detection, image auto-rotate and realistic print previews
- Less ink wasted thanks to efficient installation and maintenance routines
- Free, convenient cartridge and printhead recycling
- Supports 100% recycled HP media

ENERGY STAR® Qualified

www.hp.com/ecosolutions

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[1] HP Designjet T770 Printer with Hard Disk comes with 8 GB memory. HP Designjet T770 Printer comes with 2 GB and is upgradable to 8 GB if you add the optional memory upgrade accessory, which must be purchased separately.

[2] PostScript accessory is an optional accessory to be purchased separately; it's compatible with T770 base model and T770 HD model. It includes 6 GB memory upgrade only applicable for T770 non HD version.

[3] HP-GL/2 addressable.

[4] Serif PosterDesigner Pro for HP is an optional software accessory to be purchased separately.

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TECHNICAL SPECIFICATIONS

Print

Line drawings	93 A1 prints per hour
Colour images	37 m²/hr on coated media 2.8 m²/hr on glossy media
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), 17 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)
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	**T770 610 mm:** 210 x 279 to 610 x 1676 mm; **T770 610 mm with Hard Disk:** 210 x 279 to 610 x 1676 mm; **T770 1118 mm:** 210 x 279 to 1118 x 1676 mm; **T770 1118 mm with Hard Disk:** 210 x 279 to 1118 x 1676 mm;
Thickness	Up to 0.8 mm

Memory

Standard	**T770 610 mm:** 2 GB; **T770 610 mm with Hard Disk:** 8 GB; **T770 1118 mm:** 2 GB; **T770 1118 mm with Hard Disk:** 8 GB;
Hard disk	**T770 610 mm:** None; **T770 610 mm with Hard Disk:** Standard, 160 GB; **T770 1118 mm:** None; **T770 1118 mm with Hard Disk:** Standard, 160 GB ;

Connectivity

Interfaces (standard)	Fast Ethernet (100Base-T); Hi-Speed USB 2.0; EIO Jetdirect accessory slot
Interfaces (optional)	HP Jetdirect internal print servers
Print languages (standard)	**T770 610 mm:** HP-GL/2, HP-RTL, HP PCL 3 GUI; **T770 610 mm with Hard Disk:** HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI; **T770 1118 mm:** HP-GL/2, HP-RTL, HP PCL 3 GUI; **T770 1118 mm with Hard Disk:** HP-GL/2, HP-RTL, CALS G4, 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; PostScript® drivers for Windows®, Mac OS X, and Linux with optional dongle (will remove HP PCL 3 GUI driver support); 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; Mac OS X v10.6: Mac computer with Intel® Core processor; 2 GB RAM; 4 GB available hard disk space
Windows	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® Home Premium/Business/Ultimate: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 2 GB RAM, 4 GB available hard disk space; 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

Dimensions (w x d x h)

Printer	**T770 610 mm:** 1262 x 698 x 1050 mm; **T770 610 mm with Hard Disk:** 1262 x 698 x 1050 mm; **T770 1118 mm:** 1770 x 702 x 1050 mm; **T770 1118 mm with Hard Disk:** 1770 x 702 x 1050 mm;
Shipping	**T770 610 mm:** 1440 x 770 x 600 mm; **T770 610 mm with Hard Disk:** 1440 x 770 x 600 mm; **T770 1118 mm:** 1930 x 766 x 778 mm; **T770 1118 mm with Hard Disk:** 1930 x 766 x 778 mm;

Weight

Printer	**T770 610 mm:** 61 kg; **T770 610 mm with Hard Disk:** 61 kg; **T770 1118 mm:** 81.6 kg; **T770 1118 mm with Hard Disk:** 81.6 kg;
Shipping	**T770 610 mm:** 70 kg; **T770 610 mm with Hard Disk:** 70 kg; **T770 1118 mm:** 111 kg; **T770 1118 mm with Hard Disk:** 111 kg;

What's in the box

CQ305A	Printer; printheads; introductory ink cartridges; spindle; quick reference guide; setup poster; Serif PosterDesigner Pro for HP poster; start-up software; power cord
CQ306A	Printer; printheads; 160 MB hard disk; introductory ink cartridges; spindle; quick reference guide; setup poster; Serif PosterDesigner Pro for HP poster; start-up software; power cord
CH539A	Printer; printheads; introductory ink cartridges; printer stand; spindle; quick reference guide; setup poster; Serif PosterDesigner Pro for HP poster; start-up software; power cord
CN375A	Printer; printheads; 160 MB hard disk; introductory ink cartridges; printer stand; 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) (standby)
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; 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

CQ305A	HP Designjet T770 610 mm Printer
CQ306A	HP Designjet T770 610 mm Printer with Hard Disk
CH539A	HP Designjet T770 1118 mm Printer
CN375A	HP Designjet T770 1118 mm Hard Disk Version Printer

Accessories

Q6709A	HP Designjet 1118mm Roll Feed Spindle
CN500A	HP Designjet 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
Q6663A	HP Designjet T/Z 24-in Stand

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)
Q1421A	HP Universal Semi-gloss Photo Paper-914 mm x 30.5 m (36 in x 100 ft)
Q1427A	HP Universal High-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 (T770 1118 mm)
US250E HP Care Pack, Next Business Day On Site, 4 years (T770 1118 mm)
US251E HP Care Pack, Next Business Day On Site, 3 years (T770 1118 mm)
US245PE HP Care Pack, Post Warranty, Next Business Day On Site, 1 year (T770 1118 mm)
UV192E HP Care Pack, Next Business Day On Site, 5 years (T770 610 mm)
UU958E HP Care Pack, Next Business Day On Site, 4 years (T770 610 mm)
UU957E HP Care Pack, Next Business Day On Site, 3 years (T770 610 mm)
UV202PE HP Care Pack, Post Warranty, Next Business Day On Site, 1 year (T770 610 mm)

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