



DESIGNJET T770

PRINTER SERIES

Reliable plug-and-play printer for small teams



Easily do more in less time and grow your business

Small teams accomplish more in less time with fast setup – including the ability to print without opening any applications – and speeds, sharing, and upgrade options that let you scale the printer as needs evolve.

- Accommodate printing peaks and tight deadlines. Print quickly using the Economode setting. And print batch files easily – without opening any application – thanks to free HP Instant Printing.
- A convenient, space-saving front-loading top roll enables small teams to seamlessly load and easily swap media. The printing system runs quietly and intelligent technology built into Original HP supplies provides alerts to facilitate timely replacement.
- Leverage and scale your investment with a printer designed for sharing with a built-in network card.
- Do more with your printer and accommodate large, complex files with this printer's 8 GB memory. Large PostScript and PDF files travel quickly over the network without complication with an optional PostScript accessory.¹

Small details increase your power to communicate

Make a real impact with clear, accurate drawings and colorful presentations. This printing system – with 6 HP Vivera inks – deliver crisp text, fine 0.1% line accuracy, and vivid color. Do more with the optional Serif PosterDesigner Pro for HP.²

- Take your business graphics and technical prints to a new level of accuracy and professionalism. This 6-ink printing system includes matte and photo black and a gray ink to achieve precise line quality, true neutral grays, and a wide range of vivid colors.

- See exacting detail with 0.0008 inch minimum line width³/accurate drawings with 0.1% line accuracy.
- Use the optional Serif PosterDesigner Pro for HP² with this HP Designjet to inform, educate, and promote your business on a new and larger scale. Achieve superb results quickly, easily, and reliably. And use HP Original HP media for optimal, reliable results.
- Optimize your blueprints with dark area fills, well defined lines, and improved optical density. The HP Designjet T770 comes with a new printing mode specifically for use with generic natural tracing paper.

Focus on your design with a reliable printer

Put your energy into designing – not printing – with this reliable HP Designjet. Click print, then return to business quickly with in-printer processing architecture and additional memory for easy processing of even the most complex files.

- Print confidently, knowing that, even if you're in a rush, this printer will handle all your files. With its in-printer processing architecture and dedicated file processing memory, files are processed in the printer rather than on your workstation.
- Enhance your productivity with a 160 GB hard disk, including 8 GB of dedicated memory for fast, complex file processing. Also, manage your printer queue from the front panel.

ecoHIGHLIGHTS HP DESIGNJET T770 PRINTER

- 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 recycling¹
- Supports 100% recycled HP media
- ENERGY STAR[®] Qualified Product

¹ In more than 45 countries worldwide. Please check www.hp.com/recycle for details.

www.hp.com/ecosolutions

Please recycle your competing hardware and supplies. Find out how at our website.



¹ The PostScript accessory is an optional accessory to be purchased separately

² Serif PosterDesigner Pro for HP is an optional software accessory to be purchased separately

³ HP-GL/2 addressable





DESIGNJET T770 PRINTER SERIES

TECHNICAL SPECIFICATIONS

| Print | |
|---------------------------------------|---|
| Line drawings ¹ | Fast: 28 sec/page on D, 103 D prints per hour on plain media |
| Color images ² | Fast: 445 #/hr on coated media Best: 33.3 #/hr on glossy media |
| Print resolution | Up to 2400 x 1200 optimized dpi |
| Margins (top x bottom x left x right) | Roll: 0.2 x 0.2 x 0.2 x 0.2 in Sheet: 0.2 x 0.67 x 0.2 x 0.2 in |
| Technology | HP Thermal Inkjet |
| Ink types | Dye-based (C, M, Y, G, PK); pigment-based (MK) |
| Ink cartridge colors | Cyan, gray, magenta, matte black, photo black, yellow |
| Ink drop | 6 pl (C, M, PK, G), 9 pl (Y, MK) |
| Ink cartridge size | 130 ml (cyan, gray, magenta, matte black, photo black, yellow) 69 ml (cyan, gray, magenta, photo black, yellow) |
| Printheads | 3 (matte black and yellow, magenta and cyan, gray and photo black) |
| Line accuracy | +/- 0.1% ³ |
| Minimum line width | 0.0008 in (HP-GL/2 addressable) |
| Guaranteed minimum line width | 0.0024 in (ISO/IEC 13660:2001(E)) ⁴ |
| Media | |
| Handling | Sheet feed, roll feed, automatic cutter |
| Types | Bond and coated papers, technical papers, films, photographic papers, backlit materials, self-adhesive materials |
| Weight | 60 to 328 g/m ² |
| Size | 24-in printer: 8.26 x 11 to 24 x 66-in sheets; 11 to 24-in rolls 44-in printer: 8.26 x 11 to 44 x 66-in sheets; 11 to 44-in rolls |
| Thickness | Up to 31.5 mil |
| Processing and memory | |
| | Intel Pentium M 800 MHz, 8 GB dedicated file-processing memory ⁵ , 160 GB hard disk |
| Connectivity | |
| Interfaces (standard) | Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot |
| Interfaces (optional) | HP Jetdirect EIO print servers |
| Print languages (standard) | HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI |
| Print languages (optional) | Adobe® PostScript® 3™, Adobe PDF 1.7 (with optional PostScript Upgrade accessory) |
| Drivers (included) | HP-GL/2, HP-RTL drivers for Windows® (optimized 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 |
| Software solutions | |
| | HP Instant Printing: Easily and quickly print your files in large format with the simple click of a button. More information: www.hp.com/go/hpinstantprintingutility |
| Dimensions (w x d x h) | |
| Printer | 24-in printer: 49.7 x 27.5 x 41.3 in 44-in printer: 69.7 x 27.6 x 41.3 in |
| Shipping | 24-in printer: 56.7 x 30.3 x 23.6 in 44-in printer: 75.98 x 30.16 x 30.7 in |
| Weight | |
| Printer | 24-in printer: 134.5 lb 44-in printer: 180 lb |
| Shipping | 24-in printer: 154.3 lb 44-in printer: 244 lb |
| What's in the box | |
| | HP Designjet T770 Printer, printheads, 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 | 41 to 104° F |
| Storage temperature | -13 to 131° F |
| Recommended operating humidity | 20 to 80% RH (depending on paper type) |
| Storage humidity | 0 to 95% RH |
| Acoustic | |
| Sound pressure, active | 46 dB(A) |
| Sound pressure, standby | 26 dB(A) |
| Sound power, active | 6.2 B(A) |
| Sound power, standby | 4.4 B(A) |
| Power | |
| Maximum | 120 watts |
| Powersave | < 7 watts (< 25 watts with embedded DFE) |
| Off | 0.1 watts |
| Requirements | Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max |
| Certification | |
| Safety | USA and Canada (CSA certified); EU (LVD and EN60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE) |
| Electromagnetic | Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC) |
| Environmental | WEEE, EU RoHS, China RoHS, REACH, EuP, FEMP |
| ENERGY STAR® qualified models | see: www.hp.com/go/energystar |
| Warranty | |
| | One-year limited hardware warranty |

ORDERING INFORMATION

| Product | |
|---|--|
| CQ306A | HP Designjet T770 24-in Printer with Hard Disk |
| CN375A | HP Designjet T770 44-in Printer with Hard Disk |
| Accessories | |
| Q6709A | HP Designjet 44-inch Roll Feed Spindle |
| CN500A | HP Designjet T770 PostScript Upgrade |
| J7916G | HP Jetdirect 635n IPv6/IPsec Print Server |
| CN088A | Serif PosterDesigner Pro for HP |
| CQ783A | HP Designjet T7xx 24-in Spindle |
| Original HP printheads | |
| C9380A | HP 72 Gray and Photo Black Printhead |
| C9383A | HP 72 Magenta and Cyan Printhead |
| C9384A | HP 72 Matte Black and Yellow Printhead |
| Original HP ink cartridges | |
| 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 Gray 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 Gray Ink Cartridge |
| Original HP large-format printing materials | |
| HP Bright White Inkjet Paper with ColorPRO Technology | C1860A, C1861A, C6035A, C6036A, C6810A, Q1444A, Q1445A, Q1446A |
| HP Universal Bond Paper with ColorPRO Technology | Q1396A, Q1397A, Q1398A, Q8003A, Q8004A, Q8005A |
| HP Recycled Bond Paper | CG889A, CG890A, CG891A |
| HP Heavyweight Coated Paper | C6029C, C6030C, C6569C, C6570C, C6977C, Q1956A, Q1957A |
| HP Universal Coated Paper | Q1404A, Q1405A, Q1406A, Q1408A |
| HP Coated Paper | C6019B, C6020B, C6567B, C6568B, C6980A, Q1441A, Q1442A, Q1443A |
| HP Natural Tracing Paper | C3869A, C3868A, Q1439A |
| HP Clear Film | C3875A, C3876A |
| HP Matte Film | 51642A, 51642B |
| HP Universal Instant-dry Gloss Photo Paper | Q6574A, Q6575A, Q6576A, Q6578A |
| HP Universal Instant-dry Semi-gloss Photo Paper | Q6579A, Q6580A, Q6581A, Q6582A, Q6583A |
| HP Premium Plus Satin Photo Paper | Q7920A, Q5491A, Q5489A, Q5490A |
| HP Universal High-gloss Photo Paper | Q1426A, Q1427A, Q1428A, Q1429A, Q1430A |
| HP Universal Semi-gloss Photo Paper | Q1420A, Q1421A, Q1422A, Q1423A, Q1424A |
| HP Adhesive-backed Polypropylene | Q8044A, Q8884A, Q8045A |

For more HP large-format printing materials and detailed information on sizes and region availability, please visit us online at: <http://www.hp.com/go/lfp/infoprint/materials-supplies>



With the addition of ColorPRO Technology, HP papers provide professional quality and striking results at production speed for high-quality, high-productivity printing of graphics and technical applications.

Service and support

| 24-in | 44-in | |
|---------|---------|---|
| UU957E | US251E | HP 3 year Next Business Day Onsite Support |
| UV196E | US248E | HP 3 year 4 hour response, 9x5 Onsite Support |
| UV199E | US244E | HP 3 year 4 hour response, 13x5 Onsite Support |
| UV202PE | US245PE | HP 1 year, Post Warranty, Next Business Day Onsite Support |
| UV203PE | US283PE | HP 2 year Post Warranty, Next Business Day Onsite Support |
| UV205PE | US240PE | HP 1 year Post Warranty, 4 hour response, 9x5 Onsite Support |
| UV206PE | US239PE | HP 1 year Post Warranty, 4 hour response, 13x5 Onsite Support |
| H4518E | H4518E | HP Network Installation Service Designjet 400-6100 SVC |

¹ Mechanical printing time. Printed with Economode on. Measured on 44-in printer

² Mechanical printing time. Measured on 44-in printer

³ +/- 0.1% of the specified vector length or +/- 0.1 mm (whichever greater) at 73° F, 50-60% relative humidity, on Esize printing material in Best or Normal mode with HP Matte Film

⁴ Measured on HP Matte Film

⁵ 384 MB RAM

For more information, visit our website at www.hp.com/go/designjetT770

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