DESIGNJET T770 PRINTER SERIES

TECHNICAL SPECIFICATIONS

Print

Line drawings[1]	**Fast:** 28 sec/page on A1/D, 103 A1/D prints per hour on plain media
Color images[2]	**Fast:** 41 m²/hr (445 ft²/hr) on coated media **Best:** 3.1 m²/hr (33.3 ft²/hr) on glossy media
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	**Roll:** 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) **Sheet:** 5 x 17 x 5 x 5 mm (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	0.02 mm (0.0008 in) (HP-GL/2 addressable)
Guaranteed minimum line width	0.06 mm (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/m²
Size	24-in printers: 210 x 279 to 610 x 1676 mm (8.26 x 11 to 24 x 66 in) sheets; 279 to 610 mm (11 to 24 in) rolls 44-in printers: 210 x 279 to 1118 x 1676 mm (8.26 x 11 to 44 x 66 in) sheets; 279 to 1118 mm (11 to 44 in) rolls
Thickness	Up to 0.8 mm (31.5 mil)

Processing and memory

	Basic printer: Intel® Pentium® M 800 MHz, 2 GB dedicated file-processing memory[5] **Printer with Hard Disk:** 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)	**Basic printer:** HP-GL/2, HP-RTL, HP PCL 3 GUI **Printer with Hard Disk:** 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 printers: 1262 x 698 x 1050 mm (49.7 x 27.5 x 41.3 in) 44-in printers: 1770 x 702 x 1050 mm (69.7 x 27.6 x 41.3 in)
Shipping	24-in printers: 1440 x 770 x 600 mm (56.7 x 30.3 x 23.6 in) 44-in printers: 1930 x 766 x 778 mm (75.98 x 30.16 x 30.7 in)

Weight

Printer	24-in printers: 61 kg (134.5 lb) 44-in printers: 81.6 kg (180 lb)
Shipping	24-in printers: 70 kg (154.3 lb) 44-in printers: 111 kg (244 lb)

What's in the box

	HP Designjet T770 Printer, printheads, introductory ink cartridges, printer stand[6], 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 (41 to 104° F)
Storage temperature	-25 to 55° C (-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

CQ305A	HP Designjet T770 24-in Printer
CQ306A	HP Designjet T770 24-in Printer with Hard Disk
CH539A	HP Designjet T770 44-in Printer
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
CN499A	HP Designjet T770 Memory Upgrade
J7961G	HP Jetdirect 635n IPv6/IPsec Print Server
CN088A	Serif PosterDesigner Pro for HP
CQ783A	HP Designjet T7xx 24-in Spindle
Q6663A	HP Designjet T/Z 24-in Stand

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/lfprinting/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 23° C (73° F), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Film
[4] Measured on HP Matte Film
[5] 384 MB RAM
[6] Stand not included in the box for 24-in printers outside of NA and LAR

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