HP Designjet T790 ePrinter series

High-quality, web-connected printer for small workgroups

High-quality, rapid results

- Expect great results with six Original HP inks that deliver dark blacks, true neutral grays, and vivid colors.
- Produce crisp lines and detailed drawings, using HP inks and printhead technology.
- Print quickly without sacrificing quality. Create an A1/D-size print in 28 seconds with Economode.
- Rely on true print previews from the driver to help complete your work quickly and accurately.

Easy-to-use printer that can grow with businesses

- Process files easily with 8 GB memory, HP-GL/2, and PDF support for most operating systems and CAD software[1].
- Invest in the future—software updates occur automatically, keeping your printer as current as your business.
- Reduce interruptions, enjoy reliable printing with 130-ml Original HP ink cartridges.
- Print TIFF, JPEG, and PDF[1] files from your printer's touchscreen or a USB thumb drive—no computer required.

Print from virtually anywhere[2]

- Use your Apple® or Android™ smartphone or tablet to print from virtually anywhere[2].
- Access and print projects when you're away from your studio, using HP Designjet ePrint & Share[2].
- Automatically save copies of your work to the cloud when you print using HP Designjet ePrint & Share[2].
- Email projects to your HP Designjet T790 ePrinter and print, thanks to its web-connectivity features[2].

(1 PDF files only available with PostScript (PS) accessory (optional accessory to be purchased separately) or buying PS versions.

(2 Requires an HP Designjet ePrint & Share account, Internet connection to the printer, and connected Internet-capable device. When using the HP Designjet ePrint & Share mobile app, a compatible Apple® iOS or Android™ device and Internet connection are required. Data or connection charges may apply. Print times may vary. For more information, visit **hp.com/go/eprintandshare**.

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Technical specifications

Print		
	Line drawings[3]	28 sec/page on A1/D, 103 A1/D prints per hour
	Color images[4]	**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 from 1200 x 1200 input dpi and Optimization For Photo Paper selected
	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, G, M, pK, Y); pigment-based (mK)
	Ink drop	6 pl (C, G, M, pK); 9 pl (mK, Y)
	Printheads	3 (G & pK, mK & Y, M & C)
	Line accuracy	+/- 0.1%[5]
	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))[6]
Media	Handling	Sheet feed, roll feed, automatic cutter
	Weight	60 to 328 g/m²
	Size	**24-in printers:** 210 to 610-mm (8.3 to 24-in) wide sheets; 279 to 610-mm (11 to 24-in) rolls **44-in printers:** 210 to 1118-mm (8.3 to 44-in) wide sheets; 279 to 1118-mm (11 to 44-in) rolls
	Thickness	Up to 0.8 mm (31.5 mil)
Memory	Basic ePrinter	8 GB (virtual)[7]
	PostScript® ePrinter	8 GB (virtual)[7], 160 GB hard disk
Connectivity	Interfaces (standard)	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
	Print languages (standard)	**Basic ePrinter:** HP-GL/2, TIFF, JPEG, CALS G4, HP PCL 3 GUI **PostScript® ePrinter:** Adobe® PostScript® 3™, Adobe PDF 1.7, HP-GL/2, TIFF, JPEG, CALS G4, HP PCL 3 GUI
	Print languages (optional)	Basic ePrinter: Adobe PostScript 3, Adobe PDF 1.7
	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 Windows, Linux, and Mac drivers[8]
Dimensions (w x d x h)	Printer	**24-in printers:** 1262 x 702 x 1050 mm (49.7 x 27.6 x 41.3 in) **44-in printers:** 1770 x 701 x 1050 mm (69.7 x 27.6 x 41.3 in)
	Shipping	**24-in printers:** 1440 x 766 x 770 mm (56.7 x 30.2 x 30.3 in) **44-in printers:** 1930 x 766 x 770 mm (76 x 30.2 x 30 .3 in)
Weight	Printer	**24-in printers:** 60 kg (132 lb) **44-in printers:** 81.6 kg (180 lb)
	Shipping	**24-in printers:** 77 kg (170 lb) **44-in printers:** 103 kg (227 lb)
What´s in the box		HP Designjet T790 ePrinter, printheads, introductory ink cartridges, printer stand[9], spindle, quick reference guide, setup poster, startup 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)
		Operating humidity: 20 to 80% RH
Acoustic		Sound pressure: 43 dB(A) (active); 29 dB(A) (standby)
		Sound power: 6.1 B(A) (active); 4.7 B(A) (standby)
Power consumption		< 120 watts (printing), < 27 watts (standby), < 7 watts (< 25 watts with embedded Digital Front End) (powersave), 0.1 watts (off)
		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 EN 60950-1 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	ENERGY STAR, WEEE, EU RoHS, China RoHS, REACH, EuP Category A, FEMP
Warranty		One-year limited hardware warranty

(3 Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond) with Original HP inks. Measured on a 44-in printer.

(4 Mechanical printing time with Original HP inks.

(5 +/-0.1% of the specified vector length or +/-0.2 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 and Original HP inks.

(6 Measured on HP Matte Film.

Ordering information

Product		
Product	CR647A	HP Designjet T790 24-in ePrinter
	CR648A	HP Designjet T790 24-in PostScript ePrinter
	CR649A	HP Designjet T790 44-in ePrinter
	CR650A	HP Designjet T790 44-in PostScript ePrinter
Accessories	CN538A	HP Designjet 3-in Core Adapter
	CN500B	HP Designjet PostScript Upgrade
	CQ783A	HP Designjet T7xx 24-in Spindle
	Q6709A	HP Designjet 44-inch Roll Feed Spindle
	Q6663A	HP Designjet T/Z 24-in Stand[9]
	CN501A	HP Designjet External Hard Disk[10]
	CQ654B	HP Designjet HD Scanner
	J8025A	HP Jetdirect 640n Print Server
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	C1861A	HP Bright White Inkjet Paper (FSC® certified)[11][12] 914 mm x 45.7 m (36 in x 150 ft)
	C6020B	HP Coated Paper (PEFC™ certified)[11][12] 914 mm x 45.7 m (36 in x 150 ft)
	C6030C	HP Heavyweight Coated Paper (PEFC™ certified)[11][12] 914 mm x 30.5 m (36 in x 100 ft)
	Q8808A	HP Premium Satin Photo Paper (FSC® certified)[11] 914 mm x 22.9 m (36 in x 75 ft)

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy[13] as well as dark blacks and true neutral grays[13]. For more information, visit **hp.com/go/OriginalHPinks**.

For the entire HP Large Format Printing Materials portfolio, please see **hp.com/go/designjet/supplies**.

Service and support	24-in	44-in	
	HP596E	HP998E	HP 3 year Next Business Day Onsite Support
	HP598E	HP999E	HP 3 year 4-hour response, 13x5 Onsite Support
	HP597E	HQ001E	HP 3 year 4-hour response, 9x5 Onsite Support
	HP603E	HQ006E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
	HP993PE	HQ015PE	HP 1 year Post Warranty, Next Business Day Onsite Support
	HP997PE	HQ016PE	HP 1 year Post Warranty, 4-hour response, 13x5 Onsite Support
	H4518E	H7604E	HP Network Installation Service
	H7604E	H7604E	HP Installation and Startup Service

(7 Based on 640 MB RAM.

(8 Included with PostScript printers only.

(9 Stand not included in the box for 24-in printers outside of North America and Latin America.

(10 Compatible with PostScript printers only.

(11 FSC® trademark license code FSC®-C017543, see **fsc.org**. PEFC™ trademark license code PEFC™/29-31-198, see **pefc.org**. Not all FSC®- or PEFC™-certified products are available in all regions.

(12 Can be recycled through commonly available recycling programs.

(13 Applicable to HP Designjet T-series Printers, ePrinters, and eMFPs. True neutral grays produced by printers compatible with the HP Three-black ink set.

For more information, please visit: **hp.com/go/DesignjetT790**