



# 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<sup>1</sup>.
- 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<sup>1</sup> files from your printer's touchscreen or a USB thumb drive—no computer required.

## Print from virtually anywhere<sup>2</sup>

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

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

<sup>2</sup> 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. 2 GB of temporary storage per account. For more information, visit [hp.com/go/eprintandshare](http://hp.com/go/eprintandshare)

# HP Designjet T790 ePrinter series

## Technical specifications

<b>Print</b>	Line drawings <sup>3</sup>	28 sec/page on A1/D, 103 A1/D prints per hour
	Color images <sup>4</sup>	<b>Fast:</b> 41 m <sup>2</sup> /hr (445 ft <sup>2</sup> /hr) on coated media <b>Best:</b> 3.1 m <sup>2</sup> /hr (33.3 ft <sup>2</sup> /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)	<b>Roll:</b> 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 in) <b>Sheet:</b> 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% <sup>5</sup>
	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)) <sup>6</sup>
<b>Media</b>	Handling	Sheet feed, roll feed, automatic cutter
	Weight	60 to 328 g/m <sup>2</sup>
	Size	<b>24-in printers:</b> 210 to 610-mm (8.3 to 24-in) wide sheets; 279 to 610-mm (11 to 24-in) rolls <b>44-in printers:</b> 210 to 1118-mm (8.3 to 44-in) wide sheets; 279 to 1118-mm (11 to 44-in) rolls
<b>Memory</b>	Thickness	Up to 0.8 mm (31.5 mil)
	Basic ePrinter	8 GB (virtual) <sup>7</sup>
<b>Connectivity</b>	PostScript <sup>®</sup> ePrinter	8 GB (virtual) <sup>7</sup> , 160 GB hard disk
	Interfaces (standard)	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
	Print languages (standard)	<b>Basic ePrinter:</b> HP-GL/2, TIFF, JPEG, CALS G4, HP PCL 3 GUI <b>PostScript<sup>®</sup> ePrinter:</b> Adobe <sup>®</sup> PostScript <sup>®</sup> 3 <sup>™</sup> , 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 <sup>®</sup> (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X; PostScript Windows, Linux, and Mac drivers <sup>8</sup>
<b>Dimensions (w x d x h)</b>	Printer	<b>24-in printers:</b> 1262 x 702 x 1050 mm (49.7 x 27.6 x 41.3 in) <b>44-in printers:</b> 1770 x 701 x 1050 mm (69.7 x 27.6 x 41.3 in)
	Shipping	<b>24-in printers:</b> 1440 x 766 x 770 mm (56.7 x 30.2 x 30.3 in) <b>44-in printers:</b> 1930 x 766 x 770 mm (76 x 30.2 x 30.3 in)
<b>Weight</b>	Printer	<b>24-in printers:</b> 60 kg (132 lb) <b>44-in printers:</b> 81.6 kg (180 lb)
	Shipping	<b>24-in printers:</b> 77 kg (170 lb) <b>44-in printers:</b> 103 kg (227 lb)
<b>What's in the box</b>	HP Designjet T790 ePrinter, printheads, introductory ink cartridges, printer stand <sup>9</sup> , spindle, quick reference guide, setup poster, startup software, power cord	
<b>Environmental ranges</b>	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
<b>Acoustic</b>	Sound pressure:	43 dB(A) (active); 29 dB(A) (standby)
	Sound power:	6.1 B(A) (active); 4.7 B(A) (standby)
<b>Power consumption</b>	< 120 watts (printing), < 27 watts (ready), < 7 watts (< 25 watts with embedded Digital Front End) (sleep), 0.1 watts (off)	
	Input voltage (auto ranging)	100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max
<b>Certification</b>	Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYPE), Korea (KATS)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
	Environmental	ENERGY STAR, WEEE, EU RoHS, China RoHS, REACH, FEMP
<b>Warranty</b>	One-year limited hardware warranty	

- 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.
- Mechanical printing time with Original HP inks.
- +/-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.
- Measured on HP Matte Film.



For more information, please visit: [hp.com/go/DesignjetT790](http://hp.com/go/DesignjetT790)

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## Ordering information

<b>Product</b>	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	
	<b>Accessories</b>	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 <sup>9</sup>	
CN501A		HP Designjet External Hard Disk <sup>10</sup>	
CQ654B		HP Designjet HD Scanner	
J8025A		HP Jetdirect 640n Print Server	
<b>Original HP printheads</b>		C9380A	HP 72 Gray and Photo Black Printhead
		C9383A	HP 72 Magenta and Cyan Printhead
	C9384A	HP 72 Matte Black and Yellow Printhead	
<b>Original HP ink cartridges</b>	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	
<b>Original HP large format printing materials</b>	C1861A	HP Bright White Inkjet Paper (FSC <sup>®</sup> certified) <sup>11</sup> 914 mm x 45.7 m (36 in x 150 ft)	
	C6020B	HP Coated Paper (PEFC <sup>™</sup> certified) <sup>11</sup> 914 mm x 45.7 m (36 in x 150 ft)	
	C6030C	HP Heavyweight Coated Paper (PEFC <sup>™</sup> certified) <sup>11</sup> 914 mm x 30.5 m (36 in x 100 ft)	
	Q8808A	HP Premium Satin Photo Paper (FSC <sup>®</sup> certified) <sup>11</sup> 914 mm x 22.9 m (36 in x 75 ft)	
	<b>Service and support</b>	<b>24-in</b>	<b>44-in</b>
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	

- Based on 640 MB RAM.
- Included with PostScript printers only.
- Stand not included in the box for 24-in printers outside of North America and Latin America.
- Compatible with PostScript printers only.
- FSC<sup>®</sup> trademark license code FSC<sup>®</sup>-C017543, see [fsc.org](http://fsc.org). PEFC<sup>™</sup> trademark license code PEFC<sup>™</sup>/29-31-198, see [pefc.org](http://pefc.org). Not all FSC<sup>®</sup>- or PEFC<sup>™</sup>-certified products are available in all regions.
- Can be recycled through commonly available recycling programs.
- Applicable to HP Designjet T-series Printers, ePrinters, and eMFPs. True neutral grays produced by printers compatible with the HP Three-black ink set.