HP Designjet T7100 Printer

Color production printer with LED speed at breakthrough TCO

Print 4 A1/D-sized pages/min, experience a low TCO

- Enjoy high-speed, unattended printing.
- Radically simplify and speed up your entire workflow.
- Save time and expense—versus costly LED printing—with low-maintenance HP inkjet printing.
- Choose the configuration that best fits your printing needs today—and tomorrow.

One printer to meet your mono and color needs

- Produce monochrome CAD drawings for the same cost as your current LED prints—and even use laser paper.
- Impress customers with crisp, accurate renders, professional images on photo paper, and presentations.
- Explore the broad HP printing materials portfolio—consistent, high-quality results save time and money.
- Load different media on 3 different rolls. HP makes it easier than ever to be flexible and versatile.

Seamlessly integrates with any IT environment

- Rest assured, this printer is easy to integrate, manage, and secure.
- Print confidently, knowing this Designjet supports the next generation of mainstream applications and formats.
- Manage your printing costs more effectively with embedded job accounting functionality.

Eco Highlights

- Save paper with automatic print settings and image nesting
- Free, convenient HP ink cartridge and printhead recycling[1]
- FSC®-certified papers, range of recyclable HP media with a take-back program[1]

[1] Program availability varies. Please check hp.com/recycle for details.

Please recycle large-format printing hardware and printing supplies.
Find out how at our website: **hp.com/ecosolutions**

Technical specifications

Print	Line drawings[1]	15.5 sec/page on A1/D, 165 A1/D prints per hour
	Color images[2]	Up to: 17.5 sec/page on A1/D or up to 117.5 m²/hr (1265 ft²/hr) on coated media
	Maximum print speed[3]	123.3 m²/hr (1320 ft²/hr)
	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)	5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)
	Technology	HP Thermal Inkjet
	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	Two roll feeds (upgradeable to three), automatic roll switching, automatic cutter, media bin
	Weight	70 to 328 g/m²
	Size	28 to 106.7-cm (11 to 42-in) rolls, up to 18 kg (26.5 lb)
	Thickness	Up to 0.4 mm (15.7 mil)
Memory		32 GB (virtual)[5], 160 GB hard disk
Connectivity	Interfaces (standard)	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
	Print languages (standard)	HP-GL/2, HP-RTL, CALS G4
	Print languages (optional)	Adobe® PostScript® 3™, Adobe PDF 1.7, TIFF, JPEG
	Drivers (included)	HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD 2000 and higher); PostScript® Windows, Linux, and Mac drivers with optional PostScript/PDF Upgrade Kit
Dimensions (w x d x h)		Printer: 1970 x 690 x 1370 mm (77.5 x 27.2 x 53.9 in) Shipping: 2232 x 761 x 1269 mm (87.9 x 30 x 50 in)
Weight		Printer: 187 kg (412 lb) Shipping: 220 kg (484 lb)
What's in the box		HP Designjet T7100 Printer, printheads, introductory ink cartridges, printer stand, media bin, 3-in spindle adaptor kit (x2), maintenance cartridge, startup software, quick reference guide, setup poster, power cords
Environmental ranges	Operating temperature:	5 to 40°C (41 to 104°F)
	Storage temperature	-20 to 55°C (-4 to 131°F)
	Operating humidity	20 to 80% RH
Acoustic	Sound pressure	53 dB(A) (active); 38 dB(A) (standby)
	Sound power	7.0 B(A) (active); 5.8 B(A) (standby)
Power consumption		270 watts (printing); 420 watts (maximum); < 100 watts (ready); < 9 watts (< 46 watts with embedded Digital Front End) (sleep); < 0.5 watts (off)
	Power requirements	Input voltage (auto ranging): 100 to 127 VAC (+/- 10%), 5 A; 220 to 240 VAC (+/- 10%), 3 A; 50/60 Hz (+/- 3 Hz)
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE), 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
Warranty		1 year limited hardware warranty

Ordering information

Product Accessories	CQ105A	HP Designjet T7100 42-in Printer
	CQ743A	HP Designjet Roll Upgrade Kit
	CQ745A	HP Designjet PostScript®/PDF Upgrade Kit
	CQ742A	HP Designjet 220V Stacker
	CQ742B	HP Designjet 110V Stacker
	CQ654B/ CQ654C	HP Designjet HD Scanner
	J8025A	HP Jetdirect 640n Print Server
	A9D02A	SCP reprocontrol with Folder Driver for HP
Original HP printheads	CH645A	HP 761 Yellow Designjet Printhead
	CH646A	HP 761 Magenta and Cyan Designjet Printhead
	CH647A	HP 761 Gray and Dark Gray Designjet Printhead
	CH648A	HP 761 Matte Black and Matte Black Designjet Printhead
Original HP ink cartridges	CM991A	HP 761 400-ml Matte Black Designjet Ink Cartridge
	CM992A	HP 761 400-ml Yellow Designjet Ink Cartridge
	CM993A	HP 761 400-ml Magenta Designjet Ink Cartridge
	CM994A	HP 761 400-ml Cyan Designjet Ink Cartridge
	CM995A	HP 761 400-ml Gray Designjet Ink Cartridge
	CM996A	HP 761 400-ml Dark Gray Designjet Ink Cartridge
	CM997A	HP 761 775-ml Matte Black Designjet Ink Cartridge
Original HP maintenance supplies	CH649A	HP 761 Designjet Maintenance Cartridge
Original HP large format printing materials	C6810A	HP Bright White Inkjet Paper (FSC® certified)[6] [7] 914 mm x 91.4 m (36 in x 300 ft)
	C6569C	HP Heavyweight Coated Paper (PEFC™ certified)[6] [7] 1067 mm x 30.5 m (42 in x 100 ft)
	Q8809A	HP Premium Satin Photo Paper (FSC® certified)[6] 1067 mm x 30.5 m (42 in x 100 ft)
	CH025A	HP Everyday Matte Polypropylene, 2 Pack [7] 1067 mm x 30.5 m (42 in x 100 ft)
Service and support	UX919E	HP 3 year Next Business Day Onsite Support
	UX920E	HP 3 year 4 hour response, 13x5 Onsite Support[8]
	UX921E	HP 3 year 4 hour response, 9x5 Onsite Support[8]
	H4518E	HP Network Installation Service Designjet 400-6200 SVC
	H7604E	HP Installation Service Designjet 400-6200 SVC
	UX928E	HP 3 year Next Business Day Onsite Support with Defective Media Retention[9]
	UX933PE	HP 1 year Post Warranty, Next Business Day Onsite Support
	UX934PE	HP 1 year Post Warranty, Next Business Day Onsite Support with Defective Media Retention[9]
	UX935PE	HP 1 year Post Warranty, 4 hour response, 13x5 Onsite Support[8]

HP Designjet Support Services offer solutions for business critical environments — installation, extended support and maintenance, as well as variety of value added services.
For more information, please visit hp.com/go/designjet/support.

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 as well as dark blacks and true neutral grays[10]. For more information, visit hp.com/go/OriginalHPinks.

For the entire HP Large Format Printing Materials portfolio, please see globalBMG.com/hp.

1. Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond) and Original HP inks.
2. Mechanical printing time with Original HP inks.
3. +/-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.
4. Measured on HP Matte Film.
5. Based on 1 GB RAM. Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included only in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.

6. 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.
7. HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See hp.com/recycle for details.
8. Not available in North America and Latin America.
9. Not available in Europe, Middle East and Africa.
10. 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/DesignjetT7100