

HP Designjet T7100 Printer Series

Inkjet printing with LED speed
at breakthrough TCO



Print 4 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⁽¹⁾.

- 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⁽¹⁾.
- 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⁾



The mark of responsible forestry

Please recycle large-format printing hardware and printing supplies.

Find out how at our website:

www.hp.com/ecosolutions

1) Program availability varies. Please check www.hp.com/recycle for details.

For more information, please visit:




[www.hp.com/go/Designjet T7100](http://www.hp.com/go/Designjet_T7100)

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Technical specifications

Print	Line drawings ¹²	15.5 sec/page on A1/D, 165 A1/D prints per hour
	Color images ¹³	Up to: 17.5 sec/page on A1/D or up to 117.5 m ² /hr (1265 ft ² /hr) on coated media
	Maximum print speed ¹²	123.3 m ² /hr (1320 ft ² /hr)
	Print resolution	Color: up to 2400 x 1200 optimized dpi from 1200 x 1200 input dpi and Optimization For Photo Paper selected. Mono: Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi
	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% ¹⁴
	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)) ¹⁵
	Media	Handling ¹¹
Weight		70 to 328 g/m ²
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)(6, 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 (775 x 272 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: Color: 220 kg (484 lb) Mono: 200 kg (440 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, active: 53 dB(A), Sound pressure standby: 38 dB(A)	
Power consumption	Printing: 270 wats. Powersave: < 9 wats (<46 wats with embedded Digital Front End. Off: < 0,5 wats	
	Power requirements: Input voltage: 3-phase, 200 to 240 VAC (+/- 10%), 40 A or 380 to 415 VAC (-10% +6%), 24 A; 50/60 Hz (+/- 3 Hz)	
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN60950-1 compliant), Russia (GOST), China (CCC), Singapore (PSB)
	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	WEEE, EU RoHS, China RoHS, REACH, FEMP
	ENERGY STAR® qualified models	see: www.hp.com/go/energystar
Warranty	1 year limited hardware warranty	

Ordering information

Product	CQ105A	HP Designjet T7100 Printer
	CQ101A	HP Designjet T7100 Monochrome Printer
Accessories	CQ743A	HP Designjet Roll Upgrade Kit
	CQ745A	HP Designjet PostScript®/PDF Upgrade Kit
	CN501A	HP Designjet External Hard Disk
	CQ742A	HP Designjet 220V Stacker
	CQ742B	HP Designjet 110V Stacker
	CQ654A	HP Designjet HD Scanner
	CN088A	Serif PosterDesigner Pro for HP
	A9D01A	SCP Reprocontrol Single Printer
J7961G	HP Jetdirect 635n IPv6/IPsec Print Server	
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
CN074A	HP 762 Dark Gray 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
	CM998A	HP 762 Black Designjet Maintenance Cartridge
Original HP printing materials	C6810A	HP Bright White Inkjet Paper  - 914 mm x 91.4 m (36 in x 300 ft)
	C6569C	HP Heavyweight Coated Paper  - 1067 mm x 30.5 m (42 in x 100 ft)
	Q8809A	HP Premium Satin Photo Paper - 1067 mm x 30.5 m (42 in x 100 ft)
	CH025A	HP Everyday Matte Polypropylene, 2-pack  - 1067 mm x 30.5 m (42 in x 100 ft)
For the entire HP Large Format Printing Materials portfolio, please see www.hp.com/go/LFprintingmaterials		

- ¹¹ The HP Designjet T7100 Printer series includes color and mono-only models. Color capability is available on the HP Designjet T7100 Printer.
- ¹² Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond).
- ¹³ Mechanical printing time.
- ¹⁴ +/-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.
- ¹⁵ Measured on HP Matte Film.
- ¹⁶ 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.
- ¹⁷ 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 www.hp.com/recycle for details.

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