Datasheet

HP DesignJet T250 Printer

Easy and affordable printing in the world's smallest plotters[1]

Extreme simplicity

- Save time with the world's easiest job submission —send multiple files in one click with HP Click software.[3]
- Print with confidence you'll get the results you expect with an intuitive driver and true print preview.
- With an accessory option, print multi-size A3/B and A1/D projects without manually switching the media source.

Fits your office and budget

- Save space with the world's smallest plotters[1] designed to fit your office.
- Use up to 95% less ink for routine maintenance vs competitor and get up to 100 extra A1/D pages per month.[2]
- More sustainable design reduces CO2e up to 7.3 tons/year by units sold by using up to 30% recycled plastic.[4]

Fits the way you work

- Avoid waiting by the printer with high-speed printing as fast as 30 seconds per A1/D plot.
- Be more productive—save time from job prep to final print by printing your projects up to 2x faster.[5]
- Print your jobs and manage your plotter from virtually anywhere, anytime with the HP Smart app.
- Get high-quality results—HP Bright Office Inks plot up to 31% more line accuracy and up to 65% more gamut.[6]

For more information, please visit http://www.hp.com/go/designjett250

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: http://www.hp.com/go/learnaboutsupplies

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[1] HP DesignJet T200 series printers are up to 38% smaller compared to competitive alternatives with comparable size and features as of January, 2020. The world's smallest large-format plotters based on most compact footprint.
[2] Based on HP internal testing, January 2020, comparing the HP DesignJet T200 Printer series and Canon TM-200 and TM-300 Printers in terms of ink used during routine printhead cleanings.
[3] One-click printing with HP Click software. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files.
[4] More sustainable design compared to the previous printer models (HP DesignJet T100 Printer series) replaced with the HP DesignJet T200 Printer series. Based on calculations in accordance with ISO 14040/14044 Life Cycle Assessments using ReCiPe (H) v. 1.1 (2016) on GaBi 8.5 (2018) software and scaled to reflect expected yearly sales.
[5] Three-click printing with HP Click software compared to up to 11 clicks with competitive alternatives when printing 5 files of different sizes. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files. Based on testing the HP DesignJet T250 24-in Printer, from job prep to print is up to 2x faster than competitive alternatives with comparable size and features as of January, 2020.
[6] Up to 31% more line accuracy based on HP internal testing, September 2019 of 1 pixel vertical line straightness comparing prints from the HP DesignJet T200 Printer series and Canon TM-305 Printer on plain paper using equivalent fast/draft print modes. Up to 65% more color gamut based on HP internal testing, September 2019, of gamut volume comparing prints from the HP DesignJet T200 Printer series and Canon TM-305 Printer on Oce 75gsm plain paper using equivalent fast/draft print modes.

Technical specifications

Print	
Print speed	30 sec/page on D, 76 D prints per hour[1]
Print resolution	Up to 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
Margins	Roll: 0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 x 5 mm) Sheet: 0.2 x 0.2 x 0.2 x 0.7 in (5 x 5 x 5 x 17 mm)
Ink types	Dye-based (C, M, Y); pigment-based (K)
Page Yield	20 ml of ink yields 101 A1/D pages, taking into account maintenance routines[2]
Ink drop	5.5 pl (C, M, Y); 12 pl (K)
Printheads	1 (cyan, magenta, yellow, black)
Printhead nozzles	1376
Line accuracy	±0.1%[3]
Minimum line width	0.0008 in (0.02 mm)
Max optical density	8 L* min/2.10 D[4]
Media	
Handling	Sheet feed, roll feed, automatic horizontal cutter
Roll size	11 to 24 in (279 to 610 mm)
Sheet size	8.3 x 11 to 24 x 74.7 in (210 x 279 to 610 x 1897 mm)
Standard sheets	A, B, C, D
Grammage	60 to 280 g/m²
Thickness	Up to 11.8 mil
Applications	Line drawings; Presentations; Renderings
Memory	512 MB
Hard disk	None
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-Fi 802.11
Print languages (standard)	JPEG, URF
Drivers	Raster driver for Windows and macOS
Dimensions (w x d x h)	
Printer	39.9 x 17.3 x 11.2 in (1013 x 440 x 285 mm)
Shipping	45.5 x 22.6 x 15.9 in (1155 x 575 x 405 mm)
Weight	
Printer	47.4 lb (21.5 kg)
Shipping	61.7 lb (28 kg)
What's in the box	HP DesignJet T250 24-in Printer, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord
HP Software and solutions	HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP DesignJet Utility for Windows, HP Support Assistant
Remote print enabled	Yes
One-click multi-size printing	Yes
Environmental ranges	
Recycled plastic in printer	30%
Operating temperature	41 to 104ºF (5 to 40ºC)
Operating humidity	20 to 80% RH
Operating altitude	Up to 9843 ft
Storage temperature	-13 to 131ºF (-25 to 55ºC)
Acoustics	
Sound pressure	42 dB(A) (operating), <16 dB(A) (idle)
Sound power	>5.8 B(A) (operating), <3.4 B(A) (idle)
Power	
Consumption	<35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1200 mA max
Certification	
Safety	USA and Canada (CSA certified)
Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES)
Environmental	ENERGY STAR; WEEE; REACH; ErP; EPEAT Gold
Warranty	One-year limited hardware warranty

Ordering information

Product	
5HB06A	HP DesignJet T250 24-in Printer
Accessories	
3C753A	HP DesignJet T200/T600 24-in Printer Stand
8AJ60A	HP DesignJet T200/T600 Automatic Sheet Feeder
9GF94A	HP DesignJet T200/T600 24-in Roll Cover
B3Q36A	HP DesignJet 24-in Spindle
Original HP printing supplies	
3ED58A	HP 713 DesignJet Printhead Replacement Kit
3ED67A	HP 712 29-ml Cyan DesignJet Ink Cartridge
3ED68A	HP 712 29-ml Magenta DesignJet Ink Cartridge
3ED69A	HP 712 29-ml Yellow DesignJet Ink Cartridge
3ED70A	HP 712 38-ml Black DesignJet Ink Cartridge
3ED71A	HP 712 80-ml Black DesignJet Ink Cartridge
3ED77A	HP 712 3-pack 29-ml Cyan DesignJet Ink Cartridge
3ED78A	HP 712 3-pack 29-ml Magenta DesignJet Ink Cartridge
3ED79A	HP 712 3-pack 29-ml Yellow DesignJet Ink Cartridge

Use Original HP inks and printheads, and HP large format printing materials, 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, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit hp.com/go/OriginalHPinks.

Original HP large format printing materials

Q1396A HP Universal Bond Paper (FSC® certified)[5] (recyclable)[6] 610 mm x 45.7 m (24 in x 150 ft)
C6019B HP Coated Paper (FSC® certified)[5] (recyclable)[6] 610 mm x 45.7 m (24 in x 150 ft)
C6029C HP Heavyweight Coated Paper (FSC® certified)[5] (recyclable)[6] 610 mm x 30.5 m (24 in x 100 ft)

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

U06BDE HP 2 year NBD Onsite Support
U06BFE HP 3 year NBD Onsite Support
U06BGE HP 4 year NBD Onsite Support
U06BHE HP 5 year NBD Onsite Support
U06BJPE HP 1 year Post Warranty NBD Onsite Support
U06BKPE HP 2 year Post Warranty NBD Onsite Support

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

ECO highlights

- ENERGY STAR® certified[1] and EPEAT® Gold registered[2]
- Free, convenient HP ink cartridge recycling[3]
- FSC®-certified papers and a range of recyclable HP media with a take-back program[4]
- Reduces C02e up to 7.3 tons/year by units sold by using up to 30% recycled plastic[5]

Please recycle printing hardware and eligible printing supplies and prints. Find out how at our website: http://www.hp.com/ecosolutions

[1] ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.
[2] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
[3] Visit http://www.hp.com/recycle to see how to participate and for HP Planet Partners program features and availability; program may not be available in your area.
[4] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org. Not all FSC®-certified products are available in all regions. Many HP printing materials are recyclable through commonly available recycling programs. For information about HP large format printing materials, please visit http://www.HPLFMedia.com.
[5] More sustainable design compared to the previous printer models (HP DesignJet T500 Printer series) replaced with the HP DesignJet T600 Printer series. Based on calculations in accordance with ISO 14040/14044 Life Cycle Assessments using ReCiPe (H) v. 1.1 (2016) on GaBi 8.5 (2018) software and scaled to reflect expected yearly sales.

[1] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks. Actual performance may vary based on a variety of conditions, including but not limited to network configuration.
[2] Calculation done taking into account two normal printhead cleanings and ink on an A1/D CAD drawing with black and color lines and a pixel coverage of 5.2%.
[3] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23ºC (73ºF), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Heavyweight Coated roll feed and Original HP inks.
[4] With HP Premium Instant Dry Photo Gloss media with Original HP inks.
[5] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org.
[6] Can be recycled through commonly available recycling programs.

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