



HP DesignJet T250 24-in Printer (5HB06T)

Overview



The world's smallest plotters[1]—intuitive and responsibly designed.

Focus on the project, not your plotter. This printer delivers incredible ease of use with HP Click Print solutions.[2] It's responsibly designed to help you save energy[4] and reduce plastics use[7]. Plus, it's compact and adaptable—to fit the way you work.

INTUITIVE—Easy, effortless printing

Simplify printing with the new HP Click Print solutions—save time with real-print preview.[2]

OPTIMIZED—Fits the way you work

Save space with the world's smallest plotters[1] designed to fit your office.

RESPONSIBLY DESIGNED—Reduce energy and plastic use

Save 65% energy[5] with the printer on/off auto scheduler and enjoy efficient ink maintenance routines[6].

[1]Based on competitive comparison of operational footprint. Test performed by Sogeti and commissioned by HP in May 2024.

[2]HP One-click printing with HP Click software. HP Click software is only compatible with Original HP ink supplies. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files.

[4]Requires HP Smart app download available at <https://www.hp.com/go/mobileprinting>. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. List of supported operating systems available in app stores.

[5]The percentage reductions in energy consumption are based on tests conducted by HP, 2024. Data based on the implementation of auto-scheduled on/off usage in various printer models, measured on a monthly basis. Actual savings may vary depending on the specific usage patterns, printer models, and environmental conditions.

[6]Use up to 96% less ink for routine maintenance vs. competitor. Based on HP internal testing, June 2024, comparing the HP DesignJet T200 Printer series and Canon iPF TM printer series in terms of ink used during routine printhead cleanings.

[7]The HP DesignJet T200/T600 2025 Edition plotter series uses polystyrene-free packaging with molded pulp cushions made from recycled fiber-based material. The plastic reduction is expressed as a percentage of the total packaging plastic weight. The reduction varies depending on the printer model, with at least a 53% reduction in the new 36-inch model and at least a 72% reduction in the new 24-inch model, compared to the previous T200/T600 models.

Specifications

Print quality color (best)	Up to 2400 x 1200 optimized dpi
Functions	Print
Connectivity, standard	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-Fi 802.11a/b/g/n, Wi-Fi Direct
Software included	HP Click App for Windows and macOS, HP Click Driver for Windows 11, HP app for Windows, macOS, Android and iOS
Technical features	Wi-Fi;Color Touchscreen;Start-up Ink Cartridges;USB port for PC connection;Max resolution 2400 x 2400 dpi;Roll cover accessory;Automatic sheet feeder accessory;Output stand bin accessory
Energy star certified	Yes
Minimum dimensions (W x D x H)	1013 x 440 x 285 mm
Minimum dimensions (W x D x H)	39.9 x 17.3 x 11.2 in
Weight	21.5 kg
Weight	47.4 lb
Power consumption	<35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)
Environmental certification	ENERGY STAR; WEEE; EU RoHS; EAEU RoHS; REACH; ErP; EPEAT Climate+ Gold; UL Ecologo
What's in the box	HP DesignJet T250 24-in Printer, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord
Manufacturer Warranty	One-year limited hardware warranty

Additional specifications

Acoustic power emissions (active, printing)	5.8 B(A) (operating), <3.4 B(A) (idle)
Acoustic pressure emissions	42 dB(A) (operating), <16 dB(A) (idle)
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC/RED Directives), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class B product: Korea (KCC)
Finished output handling	Sheet feed, roll feed, automatic horizontal cutter
High capacity of page yield (colour)	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)
Ink types	Dye-based (C, M, Y); pigment-based (K)
Internal Storage	None
Line accuracy	±0.1%[3]
Maximum optical density (black)	8 L* min/2.10 D[4]
Media sizes standard (metric rolls)	279 to 610 mm
Media sizes standard (sheets, rolls)	11 to 24 in
Media sizes supported	A, B, C, D
Media sizes supported	A4, A3, A2, A1
Media sizes, custom	210 x 279 to 610 x 1897 mm
Media sizes, custom	8.3 x 11 to 24 x 74.7 in
Media thickness	Up to 11.8 mil
Media thickness (metric)	Up to 0.3 mm
Media types	Bond and coated paper (bond, coated, heavyweight coated, plain, bright white, blueprint), technical paper (natural tracing), film (clear, matte), photographic paper (satin, gloss, semigloss, polypropylene), self-adhesive (adhesive, polypropylene)
Media weight, recommended	60 to 280 g/m²
Media width, maximum	24 in
Media width, maximum	610 mm
Memory	512 MB
Model size	24 in
Model size	610 mm
Non-Operating Humidity Range	0 to 95% RH
Non-printable area (cut-sheet)	5 x 5 x 5 x 17 mm (manual feed); 5 x 5 x 5 x 5 mm (input tray)

Non-printable area (cut-sheet)	0.2 x 0.2 x 0.2 x 0.7 in (manual feed); 0.2 x 0.2 x 0.2 x 0.2 in (input tray)
Non-printable area (roll media)	5 x 5 x 5 x 5 mm
Non-printable area (roll media)	0.2 x 0.2 x 0.2 x 0.2 in
Operating altitude	Up to 3000 m
Operating altitude	Up to 9843 ft
Operating humidity range	20 to 80% RH
Operating temperature range	5 to 40°C
Operating temperature range	41 to 104°F
Orderable supplies	HP Original Ink: HP 712 cartridges (Black, Cyan, Magenta, Yellow), and HP 713 printhead
Package dimensions (W x D x H)	45.5 x 22.6 x 15.9 in
Package dimensions (W x D x H)	1155 x 575 x 405 mm
Package weight	59.5 lb
Package weight	27 kg
Playbook TS icon connectivity	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions AiO	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192862.png
Playbook TS icon display AiO	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169148.png
Post consumer recycled plastic in hardware by weight of plastic	30%
Power	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1200 mA max
Print Cartridge/Bottle, Color(s)	Cyan, magenta, yellow, black
Print Cartridges/Bottle, Number	4 (C, M, Y, K) cartridges
Print Technology	Ink
Print cartridge/bottle volume delivered	80 ml (K); 38 ml (K); 29 ml (C, M, Y) per cartridge
Print head nozzles	1376
Print heads	1 (cyan, magenta, yellow, black)
Print languages	JPEG, URF
Print multi-size files in one click	Yes
Print speed	30 sec/page on A1, 76 A1 prints per hour[1]
Print speed	30 sec/page on D, 76 D prints per hour[1]
Print technology	HP Thermal Inkjet
Printer drivers included	Raster driver for macOS and Windows, HP Click Driver for Windows 11
Printing path	HP Click App, HP Click Driver, HP app, Windows and MacOS printer drivers, Apple AirPrint, Android Default Print Service, Printing support for ChromeOS, Email printing

Product logos	AirPrint; ENERGY STAR; EPEAT Climate+ Gold; Carbon Neutral; Gold IPv6 Ready; Hi-Speed USB; UL Validated; Wi-Fi CERTIFIED; Windows 11 Compatible
Recommended media	HP Universal Bond Paper (FSC® certified)[5] (recyclable)[6];HP Coated Paper (FSC® certified)[5] (recyclable)[6];HP Heavyweight Coated Paper (FSC® certified)[5] (recyclable)[6]
Remote print enabled	Yes
Roll external diameter	3.9 in
Roll external diameter	100 mm
Roll maximum input	1
Roll maximum weight	9 lb
Roll maximum weight	4.1 kg
Safety	USA and Canada (CSA certified); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia, Belarus, Khazakstan (EAC); Ukraine (UA); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS); Mexico (NYCE)
Security features	HP Wolf Essential Security: Secure boot with HW root of trust; Firmware Code Signature Validation; Automatic FW Updates; HTTPS Redirect enabled by default; SNMPv1/2 read-only by default; SNMPv3 disabled by default; Write-protected memory; HP Cartridge Security; Unique password; Disable USB ports; TLS 1.2; 802.1x; IPv4 & IPv6 Compatibility; CA/JD Compatibility
Storage temperature range	-13 to 131°F
Storage temperature range	-25 to 55°C
Supported Primary Applications	Line drawings; Presentations; Renderings
Theoretical minimum line width	0.02 mm
Theoretical minimum line width	0.0008 in
UNSPSC code	43212104
UPC number	198701026525
Web address for additional information	http://www.hp.com/go/designjett250

HP Care Pack Services

★ : Recommended

Graphics Solutions Care Pack Services

HP 3 year Next Business Day Hardware Support for DesignJet T230-24 and T250-24 (2 year WTY printer)	U42VZE ★
HP 4 year Next Business Day Hardware Support for DesignJet T230-24 and T250-24 (2 year WTY printer)	U42W0E ★
HP 5 year Next Business Day Hardware Support for DesignJet T230-24 and T250-24 (2 year WTY printer)	U42W1E ★

Ink Supplies

★ : Recommended

HP Graphic Arts Inks/Printheads

HP 712 2-pack 80-ml Black DesignJet Ink Cartridges	3WW89A
HP 712 29-ml Cyan DesignJet Ink Cartridge	3ED67A
HP 712 29-ml Magenta DesignJet Ink Cartridge	3ED68A
HP 712 29-ml Yellow DesignJet Ink Cartridge	3ED69A
HP 712 3-pack 29-ml Cyan DesignJet Ink Cartridge	3ED77A
HP 712 3-pack 29-ml Magenta DesignJet Ink Cartridge	3ED78A
HP 712 3-pack 29-ml Yellow DesignJet Ink Cartridge	3ED79A
HP 712 38-ml Black DesignJet Ink Cartridge	3ED70A
HP 712 80-ml Black DesignJet Ink Cartridge	3ED71A
HP 712B 38-ml Black DesignJet Ink Cartridge	3ED28A
HP 712B 80-ml Black DesignJet Ink Cartridge	3ED29A
HP 713 DesignJet Printhead Replacement Kit	3ED58A

Accessories

Paper Handling

★ : Recommended

Spindles

HP DesignJet 24-in Spindle	B3Q36A
----------------------------	--------

Automatic Document Feeders

HP DesignJet T200/T600 Automatic Sheet Feeder	8AJ60A
---	--------

Cabinets and Stands

Printer Cabinets and Stands

HP DesignJet T200/T600 24-in Printer Stand	3C753A
--	--------

Cases and Covers

Printer Covers

HP DesignJet T200/T600 24-in Roll Cover	9GF94A
---	--------

Disclaimer — Copyright

© Copyright 2024 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.