HP DesignJet T250 24-in Printer (5HB06D)



Overview

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

Designed to fit your office, budget, and the way you work, the world's smallest plotters[1] provide outstanding simplicity. Send multiple files in just one click.[3] Print your A1/D plot as fast as 30 seconds. 500 MB memory.

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

Avoid waiting by the printer with high-speed printing as fast as 30 seconds per A1/D plot.

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].

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[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.

[3]Requires purchase of HP DesignJet T200/T600 Automatic Sheet Feeder accessory. Not included, sold separately.

[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.

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;Output stand bin accessory
Energy star certified	Yes
Dimensions (W x D x H)	1013 x 440 x 285 mm
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 (off)
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)
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	hp.com
Cartridge volume	Less than 130 ml
Color ink technology	Pigment; Dye
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)
End of Life CO2e (kg)	10.573
Energy Usage CO2e (kg)	0.01
Finished output handling	Sheet feed, roll feed, automatic horizontal cutter
Functions	Print
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]
Maximum roll diameter	3.9 in
Media sizes standard (metric rolls)	279 to 610 mm
Media sizes standard (sheets, rolls)	11 to 24 in
Media sizes supported	A4, A3, A2, A1
Media sizes supported	A, B, C, D
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 maximum (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	610 mm
Media width, maximum	24 in
Memory	512 MB
Model size	610 mm
Model size	24 in
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
Number of cartridges	4
Operating altitude	Up to 3000 m
Operating altitude	Up to 9843 ft
Operating humidity range	20 to 80% RH
Operating temperature range	5 to 40ºC
Operating temperature range	41 to 104ºF
Orderable supplies	HP Original Ink: HP 712 cartridges (Black, Cyan, Magenta, Yellow), and HP 713 printhead
Package dimensions (W x D x H)	1155 x 575 x 405 mm
Package dimensions (W x D x H)	45.5 x 22.6 x 15.9 in
Package weight	27 kg
Package weight	59.5 lb
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	40%
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	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	20 to 30 sec/page on D size
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 Applications	Architecture; Engineering; Construction; Technical documents; Presentation graphics
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
Production CO2e (kg)	176.218
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	100 mm
Roll external diameter	3.9 in
Roll maximum input	1
Roll maximum weight	4.1 kg
Roll maximum weight	9 lb
Roll size	Up to 24 in
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	-25 to 55ºC
Storage temperature range	-13 to 131ºF
Supported Primary Applications	Line drawings; Presentations; Renderings
Sustainability Impact	ENERGY STAR®; EPEAT®
Theoretical minimum line width	0.02 mm

Theoretical minimum line width	0.0008 in
Total CO2e (kg)	197.437 *(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)*
Transportation CO2e (kg)	10.636
UNSPSC code	43212104
UPC number	(ABG) 198701026389; (AC4) 198701026396; (ACJ) 198701026402; (AKV) 198701026426; (B19) 198701026457; (B1K) 198701026471; (BCD) 198701026488
Web address for additional information	http://www.hp.com/go/designjett250

Services

HP Care Pack Services

★ : Recommended

Graphics Solutions Care Pack Services

HP 2 year Next Business Day Hardware Support for Designjet T230-24 andT250-24 (AMS/APJ)	**U06BDE ★**
HP 3 year Next Business Day Hardware Support for Designjet T230-24 and T250-24 (AMS/APJ)	**U06BFE ★**
HP 5 year Next Business Day Hardware Support for Designjet T230-24 andT250-24 (AMS/APJ)	**U06BHE ★**
HP 1 year Post Warranty Next Business Day Hardware Support for DesignJetT230-24 and T250-24	**U06BJPE ★**
HP Installation and Network Setup Service for Designjet Low End Series	**UC744E ★**
HP 2 year Post Warranty Next Business Day Hardware Support for DesignJetT230-24 and T250-24	U06BKPE
HP 4 year Next Business Day Hardware Support for Designjet T230-24 andT250-24 (AMS/APJ)	U06BGE
HP Excessive Installation Service DesignJet (NASPO Only)	U46TYE
HP Maintenance Kit Replacement Service for DesignjetT2XX-24/T6XX-24/Studio24 (PMK1 Carriage)	U22MYE
HP Return to Support Service for DesignJet (LowEnd 24 inch)	U67TTE

Ink/Toner/Paper/Printer Supplies

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

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