HP DesignJet T250 24-in Printer (5HB06A)



Overview

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

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.

Extreme simplicity

Save time with the world's easiest job submission[2]—send multiple files in one click with HP Click.[3]

Fits the way you work

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

Fits your office and budget

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

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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] 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.

[3] One-click printing with HP Click software. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files.

Specifications

Print quality color (best)	Up to 2400 x 1200 optimised 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, HP Click Driver for Windows 11, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP DesignJet Utility for Windows, HP Support Assistant
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
Sustainability specifications	More sustainable design reduces CO2e up to 7.3 tons/year by units sold by using up to 30% UL Validated recycled plastic.; Free, convenient HP ink cartridge and printhead recycling with HP Planet Partners; FSC®-certified papers and a range of recyclable HP media with a take-back program; ENERGY STAR® certified; EPEAT® registered
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 Gold
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	Two-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	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Cartridge volume	Less than 130 ml
Color ink technology	Pigment; Dye
Datasheet photo 1	AHID/70a9af5dee1c73cfd392289ea88b3befcfeaaa6a
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)	10.08
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 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	28 kg
Package weight	61.7 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	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)
Print Technology	Ink

Print cartridge/bottle volume	80 ml (K); 38 ml (K); 29 ml (C, M, Y)
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 Windows and macOS; HP Click Driver for Windows 11
Printing path	Print Anywhere with HP Smart app, HP Click App, HP Click Driver for Windows 11, HP driver for macOS, HP driver for Windows, printing support for Chrome OS, email printing, HP Print Service Plugin for Android, Apple AirPrint
Product logos	AirPrint; ENERGY STAR; EPEAT Gold; Gold IPv6 Ready; Hi-Speed USB; UL Validated; Wi-Fi CERTIFIED; Windows 10 Compatible
Production CO2e (kg)	176.218
Recommended media	Q1396A HP Universal Bond Paper (FSC® certified)[5] (recyclable)[6] 610 mm x 45.7 m;C6019B HP Coated Paper (FSC® certified)[5] (recyclable)[6] 610 mm x 45.7 m;C6029C HP Heavyweight Coated Paper (FSC® certified)[5] (recyclable)[6] 610 mm x 30.5 m
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)
Storage temperature range	-25 to 55ºC
Storage temperature range	-13 to 131ºF
Supported Primary Applications	Line drawings; Presentations; Renderings
Sustainability Impact	ENERGY STAR®; EPEAT®
Technology logo 1	AHID/1962e85088e267aba6a8acbb8ddaa27a1c41fce1
Technology logo 2	AHID/8dd5a796e864b72e1e6b7c31b8aebe448c357226
Technology logo 3	AHID/8f2b0446d02d2e54e6c123f11ebdbbd8ada83f43

Technology logo 4	AHID/93a68b8d94fd3b1ed6cdc04da868ac9d4e2a7fdd
Technology logo 5	AHID/7dd3918e9ff935d45aab890d745b678a5e8bb273
Technology logo 6	AHID/ec44458676a420f774d6aa91024e6eabf0b34a69
Technology logo 7	AHID/619a3448a77fd810ffc2ecd1be2266a1ade2bab4
Technology logo 9	AHID/9307ee2362db2e62a5ecd6d9ef7bfc9fa20ab626
Theoretical minimum line width	0.02 mm
Theoretical minimum line width	0.0008 in
Total CO2e (kg)	207.507 *(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	194850019845
Web address for additional information	http://www.hp.com/go/designjett250

Services

HP Care Pack Services

★ : Recommended

Graphics Solutions Care Pack Services

HP 3 year Next Business Day Hardware Support for Designjet T250-24 (EMEA)	**U06CQE ★**
HP 5 year Next Business Day Hardware Support for Designjet T250-24 (EMEA)	**U06C1E ★**
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 1 year Post Warranty Parts Coverage HW Support for DesignJet T230-24and T250-24	**U06BSPE ★**
HP 2 year Post Warranty Next Business Day Hardware Support for DesignJetT230-24 and T250-24	U06BKPE
HP 2 year Post Warranty Parts Coverage HW Support for DesignJet T230-24and T250-24	U06BTPE
HP 3 year Parts Coverage Hardware Support for DesignJet T250-24 (EMEA)	U06CBE
HP 4 year Next Business Day Hardware Support for Designjet T250-24 (EMEA)	U06C0E
HP 4 year Parts Coverage Hardware Support for DesignJet T250-24 (EMEA)	U06CCE
HP 5 year Parts Coverage Hardware Support for DesignJet T250-24 (EMEA)	U06CDE
HP Maintenance Kit Replacement Service for DesignjetT2XX-24/T6XX-24/Studio24 (PMK1 Carriage)	U22MYE
HP Next Business Day Onsite Hardware Subscription Support for HP DesignJet T250-24 (per month)	U18K3E
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 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 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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