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 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, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP DesignJet Utility for Windows, HP Support Assistant
Sustainable impact 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
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 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	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
Color(s) of printing supplies	Cyan, magenta, yellow, black
Datasheet photo 1	https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c06645383.png
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)	0.2 x 0.2 x 0.2 x 0.2 in
Non-printable area (roll media)	5 x 5 x 5 x 5 mm
Number of print cartridges	4 (C, M, Y, K)
Operating altitude	Up to 3000 m
Operating altitude	Up to 9843 ft
Operating humidity range	20 to 80% RH
Operating temperature range	41 to 104ºF
Operating temperature range	5 to 40ºC
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	61.7 lb
Package weight	28 kg
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 Technology	Ink
Print cartridge volume delivered	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	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 Windows and macOS
Printing path	Print Anywhere with HP Smart app, HP Click, 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

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	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)
Storage temperature range	-13 to 131ºF
Storage temperature range	-25 to 55ºC
Supported Primary Applications	Line drawings; Presentations; Renderings
Technology logo, print 1	AHID/a6e83756a3ca20b047a0baab4bc9840b8a4073d2
Technology logo, print 2	AHID/95142d0f2ba4b6d45a004d774f64f5f379ea070e
Technology logo, print 3	AHID/86d6175f5bc8ba24c3cea59e6cd42e20513012d5
Technology logo, print 4	AHID/93a68b8d94fd3b1ed6cdc04da868ac9d4e2a7fdd
Technology logo, print 5	AHID/9d5a86c2ad5a518a084188cb02e02944ce6dd92f
Technology logo, print 6	AHID/ec44458676a420f774d6aa91024e6eabf0b34a69
Technology logo, print 7	AHID/e502d2dab08f50e94a6319dd350468dc9ee714e9
Theoretical minimum line width	0.02 mm
Theoretical minimum line width	0.0008 in
UNSPSC code	43212104
UPC number	194850019852
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 andT250-24 (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 for HP DesignJet Series	U46TYE
HP Maintenance Kit Replacement Service for Designjet T1XX/T5XX-24/T5XX-36 (Service Station)	U6W93E
HP Maintenance Kit Replacement Service for DesignjetT2XX-24/T6XX-24/Studio24 (PMK1 Carriage)	U22MYE

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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