Datasheet

HP DesignJet T230 24-in Printer

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

Extreme simplicity

- Save time with the world's easiest job submission[2]—send multiple files in one click with HP Click.[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 and A1 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 pages per month.[4]
- More sustainable design reduces CO2e up to 7.3 tons/year by units sold by using up to 30% recycled plastic.[5]

Fits the way you work

- Avoid waiting by the printer with high-speed printing as fast as 35 seconds per A1 plot.
- Be more productive—save time from job prep to final print by printing your projects up to 2X faster.[2]
- 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/designjett230

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

[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.
[4] 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.
[5] 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.
[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 colour 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	35 sec/page on A1, 68 A1 prints per hour[1]
Print resolution	Up to 2400 x 1200 optimised dpi
Technology	HP Thermal Inkjet
Margins	Roll: 5 x 5 x 5 x 5 mm Sheet: 5 x 5 x 5 x 17 mm (manual feed); 5 x 5 x 5 x 5 mm (input tray)
Ink types	Dye-based (C, M, Y); pigment-based (K)
Page Yield	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)
Printheads	1 (cyan, magenta, yellow, black)
Printhead nozzles	1376
Line accuracy	±0.1%[3]
Minimum line width	0.02 mm
Max optical density	8 L* min/2.10 D[4]

Media

Handling	Sheet feed, roll feed, automatic horizontal cutter
Roll size	279 to 610 mm
Sheet size	210 x 279 to 610 x 1897 mm
Standard sheets	A4, A3, A2, A1
Grammage	60 to 280 g/m²
Thickness	Up to 0.3 mm
Applications	Line drawings; Presentations; Renderings
Memory	512 MB
Hard disk	None

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-Fi 802.11a/b/g/n, Wi-Fi Direct
Native print languages	JPEG, URF
Printing paths	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
Drivers	Raster driver for Windows and macOS

Dimensions (w x d x h)

Printer	1013 x 440 x 285 mm
Shipping	1155 x 575 x 405 mm

Weight

Printer	21.5 kg
Shipping	28 kg
What's in the box	HP DesignJet T230 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	5 to 40°C
Operating humidity	20 to 80% RH
Operating altitude	Up to 3000 m
Storage temperature	−25 to 55°C

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); 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)
Electromagnetic	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)
Environmental	ENERGY STAR; WEEE; EU RoHS; EAEU RoHS; REACH; ErP; EPEAT Gold
Warranty	One-year limited hardware warranty

Ordering information

Product

5HB07A	HP DesignJet T230 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
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

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

Service and Support

U06BJPE	HP 1 year Post Warranty Next Business Day Hardware Support for DesignJet T230 24-in
U06BKPE	HP 2 year Post Warranty Next Business Day Hardware Support for DesignJet T230 24-in
U06BSPE	HP 1 year Post Warranty Parts Coverage Hardware Support for DesignJet T230 24-in
U06BTPE	HP 2 year Post Warranty Parts Coverage Hardware Support for DesignJet T230 24-in
U06CFE	HP 2 year Next Business Day Hardware Support for Designjet T230 24-in
U06C9E	HP 3 year Next Business Day Hardware Support for Designjet T230 24-in
U06CJE	HP 4 year Next Business Day Hardware Support for Designjet T230 24-in
U06CKE	HP 5 year Next Business Day Hardware Support for Designjet T230 24-in
U06CLE	HP 2 year Parts Coverage Hardware Support for DesignJet T230 24-in
U06CME	HP 3 year Parts Coverage Hardware Support for DesignJet T230 24-in
U06CNE	HP 4 year Parts Coverage Hardware Support for DesignJet T230 24-in
U18JGE	HP 5 year Parts Coverage Hardware Support for DesignJet T230 24-in

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 CO2e 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 CAD drawing with black and colour lines and a pixel coverage of 5.2%.
[3] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23°C, 50-60% relative humidity, on A0 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.