HP DesignJet T830 24-in Multifunction Printer

Communicate more effectively – no learning curve needed – with print plus scan and copy capabilities



*Product image may differ from actual product

CONVENIENT – Fast, agile, intuitive print/scan/copy

- Print documents fast – up to 26 seconds for A1 size prints.[1]
- Enjoy easy installation in the office, construction job site with the most compact large-format MFP.[2]
- Easily print project sets and PDF documents with HP Click printing software.
- Anyone can print smoothly from a smartphone or tablet with HP Mobile Printing.[3]

TRUSTED – HP DesignJet quality and reliability

- Get HP DesignJet quality also in small-format sizes – print half-size documents with 50 sheet A4/A3 input tray.
- Smart scanning technology protects originals from damage when scanning and obtains precise colours.
- Reinforced design and strong legs for easy transport and use at the job site.
- Redesigned stand reduces C02e up to 197 tons/year by units sold.[4]

COMMUNICATION – Immediately share meeting results

- Use built-in scanner to copy and distribute sketches and hand-annotated drawings to peers/partners right away.
- Easily link your computer, smartphone, or tablet to the printer with Wi-Fi Direct.
- Share drawings immediately – scan/email from front panel, use HP Smart app[5] to email contacts, post to cloud.
- No learning curve – with the intuitive design of a single touchscreen, you can scan, copy, and share instantly.

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

Messaging Footnotes

[1] Mechanical printing time, printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP Bright Office Inks.
[2] The HP DesignJet T830 24-inch and 36-inch Multifunction Printers are the most compact large-format devices performing print/scan/copy functions based on H x W x L specifications published as of May, 2017.
[3] Local printing requires mobile device and printer to be on the same network (usually Wi-Fi access points bridge wireless to wired connections) or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See http//www.hp.com/go/designjetmobility for more details.
[4] Redesigned stand with reduced material usage and up to 30% weight reduction compared to the previous stand model used in the HP DesignJet T830 Multifunction 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.
[5] The HP Smart app is available for Apple® iPad, iPhone, and iPod Touch running iOS v7.0 or later and for Android™ mobile devices running Android™ v4.4 or later. The HP Smart app is available for free from the Apple® App Store for Apple® mobile devices and from the Google Play Store for Android™ mobile devices.

For more information, please visit http://www.hp.com/go/designjett830

AirPrint · ENERGY STAR · epeat · R6 READY · Mac · Wi Fi CERTIFIED · Windows 10 Compatible

Datasheet

Technical specifications

Print	
Print speed	26 sec/page on A1, 81 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
Margins (sheet)	5 x 5 x 5 x 5 mm
Ink types	Dye-based (C, M, Y); pigment-based (mK)
Print Cartridges/Bottle, Number	4 (C, M, Y, mK)
Print cartridge/bottle volume delivered	HP 728 Ink Cartridge: matte black, cyan, magenta, yellow (300 ml); cyan, magenta, yellow (130 ml); matte black (69 ml); cyan, magenta, yellow (40 ml)
Ink drop	6 pl (C, M, Y); 12.6 pl (mK)
Printheads	1 (C, M, Y, mK)
Printhead nozzles	1376
Line accuracy	±0.1%[2]
Minimum line width	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.07 mm (ISO/IEC 13660:2001(E))
Max optical density	8 L* min/2.10 D[3]
Scan and copy	
Linear scan speed	Up to 3.81 cm/sec (colour, 200 dpi); Up to 11.43 cm/sec (greyscale, 200 dpi)
Scan resolution	Up to 600 dpi
Technology	Sheetfed, CIS (Contact Image Sensor), media jam detection sensor, front feed scanning method
@@Data capture (colo/mono)@@	24-bit/8-bit
Scan format	JPEG, PDF, TIFF
Scan destinations	Scan to email, scan to cloud (through HP Smart app), network, USB, computer, mobile
Settings	Content type; Lighter/Darker; Background noise removal; Background color removal; Blue print invert; Translucent media; Color; Scan full width (24-in); Auto De-skew; Resize; Copy Margins; Quality
Maximum scan width	610 mm x 2.77 m
Original thickness	0.8 mm
Media	
Applications	Line drawings; Renderings; Presentations
Handling	Sheet feed, roll feed, input tray, media bin, automatic horizontal cutter
Rolls	Media rolls: 1; Roll size: 279 to 610 mm; Maximum roll weight: 41 kg; Maximum roll diameter: 100 mm;
Maximum media width	610 mm
Sheet size	Input tray: 210 x 279 to 330 x 482 mm; Manual feed: 330 x 482 to 610 x 1897 mm
Standard sheets	Input tray: A4, A3; Manual feed: A2, A1
Recommended Grammage	60 to 280 g/m² (roll/manual feed); 60 to 220 g/m² (input tray)
Thickness	Up to 0.3 mm
Media types	Bond and coated paper (bond, coated, heavyweight coated, recycled, plain, bright white), technical paper (natural tracing, vellum), film (clear, matte), photographic paper (satin, gloss, semigloss, premium, polypropylene), self-adhesive (adhesive, polypropylene)
Embedded controller	
Memory	1 GB
Hard disk	None
Native print languages	HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4, URF
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n
Printing paths	Wi-Fi Direct to enable mobile printing via HP ePrint, Apple AirPrint and HP Smart app for Android and iOS devices, Windows and macOS printer drivers, printing support for Chrome OS, print from USB pen drive
Mobile printing features	Wi-Fi Direct and local Wi-Fi connectivity to enable mobile printing via HP ePrint, Apple AirPrint™ and HP Smart App. Supports printing from most smartphones and tablets using these operating systems: Android, iOS
Drivers	HP-GL/2, HP-RTL drivers for Windows Raster driver for macOS and Windows
Dimensions (W x D x H)	
Product	1098 x 605 x 1155 mm
Shipping	1310 x 570 x 645 mm
Weight	
Product	46.7 kg
Shipping	65.7 kg
Included	
What's in the box	HP DesignJet T830 24-in MFP, printhead, ink cartridges, printer stand, spindle, quick reference guide, setup poster, startup software, power cord, refeed preventers
HP Software and solutions	HP Click, HP Smart app, HP Support Assistant, HP Print Preview for Windows, HP DesignJet Utility for macOS and Windows
Environmental ranges	
Operating temperature	5 to 40ºC
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55ºC
Acoustics	
Sound pressure	Printing: 48 dB(A) (operating), <16 dB(A) (idle)
Sound power	Printing: 6.5 B(A) (operating), <3.4 B(A) (idle)
Power	
Consumption	35 watts (printing), 3.5 watts (sleep), 0.2 watts (off)
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max
Certification	
Sustainable impact specifications	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
Safety	USA and Canada (CSA certified); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia (EAC); Singapore (PSB); China (CCC); Mexico (NYCE); Argentina (IRAM); India (BIS)
Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC/R&TTE Directives), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC)
Environmental	ENERGY STAR, EPEAT, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine.
Warranty	One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product	
F9A28D	HP DesignJet T830 24-in Multifunction Printer
Accessories	
B3Q36A	HP DesignJet 24-in Spindle
Original HP printing supplies	
3WX25A	HP 728 130-ml Matte Black DesignJet Ink Cartridge
F9J65A	HP 728 130-ml Yellow DesignJet Ink Cartridge
F9J66A	HP 728 130-ml Magenta DesignJet Ink Cartridge
F9J67A	HP 728 130-ml Cyan DesignJet Ink Cartridge
F9J68A	HP 728 300-ml Matte Black DesignJet Ink Cartridge
F9J81A	HP 729 DesignJet Printhead Replacement Kit
F9K15A	HP 728 300-ml Yellow DesignJet Ink Cartridge
F9K16A	HP 728 300-ml Magenta DesignJet Ink Cartridge
F9K17A	HP 728 300-ml Cyan 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 https://hp.com/go/OriginalHPinks

Service and Support

UC744E HP Network Installation Service for DesignJet low-end series
U1XV4E HP Preventive Maintenance Service
U9RT0E HP Monthly Next Business Day DesignJet T830 24-in Hardware Support
U9RS8E HP 2 year Next Business Day DesignJet T830 24-in Hardware Support
U9RS5E HP 3 year Next Business Day DesignJet T830 24-in Hardware Support
U9RS9E HP 4 year Next Business Day DesignJet T830 24-in Hardware Support
U9RS6E HP 5 year Next Business Day DesignJet T830 24-in Hardware Support
U9RS7PE HP 1 year Post Warranty Next Business Day DesignJet T830 24-in Hardware Support
U9RT1PE HP 2 year Post Warranty Next Business Day DesignJet T830 24-in Hardware Support

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

Specification Footnotes

[1] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.
[2] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23ºC, 50-60% relative humidity, on A0 printing material in Best or Normal mode with HP Heavyweight Coated roll feed and Original HP inks.
[3] With HP Premium Instant Dry Photo Gloss media with Original HP inks.

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