Datasheet

HP DesignJet T830 36-in Multifunction Printer

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

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

- Enjoy easy installation in the office, construction job site with the most compact 36-in large-format MFP.[1]
- 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.[2]
- Fit your print volume—choose from 130- and 300-ml HP ink cartridges.

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 colors.
- 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.[3]

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[4] to email contacts, post to cloud.
- No learning curve—with the intuitive design of a single touchscreen, you can scan, copy, and share instantly.

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

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] 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.
[2] 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.
[3] 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.
[4] 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.

Technical specifications

Print	
Print speed	25 sec/page on D, 82 D prints per hour[1]
Print resolution	Up to 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
Margins	Roll: 0.2 x 0.2 x 0.2 x 0.2 in Sheet: 0.2 x 0.2 x 0.2 x 0.2 in
Ink types	Dye-based (C, M, Y); pigment-based (mK)
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	0.0008 in (HP-GL/2 addressable)
Max optical density	8 L* min/2.10 D[3]
Multifunction capabilities	
Scan speed	Up to 1.5 in/sec (color, 200 dpi) Up to 4.5 in/sec (grayscale, 200 dpi)
Scan resolution	Up to 600 dpi
Scan format	JPEG, PDF, TIFF
Scan destinations	Scan to email, scan to cloud (through HP Smart app), network, USB, computer, mobile
Thickness	0.03 in
Media	
Handling	Sheet feed, roll feed, input tray, media bin, automatic horizontal cutter
Roll size	11 to 36 in
Sheet size	Input tray: 8.3 x 11 to 13 x 19 in Manual feed: 13 x 19 to 36 x 74.7 in
Standard sheets	Input tray: A, B Manual feed: C, D, E
Grammage	60 to 280 g/m² (roll/manual feed); 60 to 220 g/m² (input tray)
Thickness	Up to 11.8 mil
Applications	Line drawings; Renderings; Presentations
Memory	1 GB
Hard disk	None
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n
Native print languages	HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4, URF
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
Drivers	HP-GL/2, HP-RTL drivers for Windows Raster driver for macOS and Windows
Dimensions (w x d x h)	
Printer	55.2 x 23.4 x 45.5 in
Shipping	62.5 x 22.4 x 25.4 in
Weight	
Printer	128.3 lb
Shipping	177.9 lb
What's in the box	HP DesignJet T830 36-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	41 to 104ºF
Operating humidity	20 to 80% RH
Storage temperature	-13 to 131ºF
Acoustics	
Sound pressure	48 dB(A) (operating), <16 dB(A) (idle)
Sound power	6.5 B(A) (operating), <3.4 B(A) (idle)
Power	
Consumption	35 watts (printing), 3.5 watts (sleep), 0.2 watts (standby)
Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1.2 A max
Certification	
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	
F9A30D	HP DesignJet T830 36-in Multifunction Printer
Accessories	
B3Q37A	HP DesignJet 36-in Spindle
N7P47AA	HP USB 3.0 to Gigabit LAN Adapter
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 hp.com/go/OriginalHPinks.

Service and Support

UC744E HP Network Installation Service
U1XV4E HP Preventive Maintenance Service
U8TY8E HP 2 year Next Business Day HW Support
U8PH3E HP 3 year Next Business Day HW Support
U8TY9E HP 4 year Next Business Day HW Support
U8PH4E HP 5 year Next Business Day HW Support
U8PH5PE HP 1 year Post Warranty Next Business Day HW Support
U8TZ0PE HP 2 year Post Warranty Next Business Day HW 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

ECO highlights

- ENERGY STAR® certified[1] and EPEAT® registered[2]
- Free, convenient HP ink cartridge recycling[3]
- FSC®-certified papers[4] and a range of recyclable HP media with a take-back program[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] Program availability varies. Please check http://www.hp.com/recycle for details.
[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.
[5] 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

[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 (73ºF), 50-60% relative humidity, on A0/E 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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