

# HP DesignJet T830SE 24-in Multifunction Printer



True print accuracy with HP's first large-format MFP exclusively designed for the desktop



\*Product image may differ from actual product

## CONVENIENT—compact, easy, and fast print/scan/copy

- Save space and easily install the most compact large-format MFP<sup>1</sup> on your desktop at the office or job site.
- Make easy work of printing/scanning, especially in tight spaces—simply walk up and scan with front-loading.
- Print your documents fast—up to 26 seconds for A1/D-size prints.<sup>2</sup>
- Easily print, scan, and check your printer's status remotely with your mobile phone using the HP Smart app.<sup>3</sup>

## Reliable—accurate prints in one click

- Accurately print layered files and PDF documents in one click with HP Click printing software.<sup>4</sup>
- Get HP DesignJet quality also in small-format sizes—print half-size documents with 50-sheet A4/A3 input tray.
- Achieve precise colors and protect originals from damage—HP's scanner detection system enables safe scanning.

## Collaborative—immediately share meeting results

- Use built-in scanner to copy and distribute sketches/hand-annotated drawings to peers/partners in one click.
- Share even if you're not connected to the internet—Wi-Fi Direct connects your device directly to the printer.
- Share drawings immediately—scan/email from the front panel, use the HP Smart app<sup>3</sup>, or post to the 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

<sup>1</sup> 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 September 2021.

<sup>2</sup> Mechanical printing time, printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP Bright Office Inks.

<sup>3</sup> 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.

<sup>4</sup> One-click printing with HP Click software. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files.

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



Datasheet

# Technical specifications

<b>Print</b>	
Print speed	26 sec/page on A1, 81 A1 prints per hour <sup>1</sup>
Print resolution	Up to 2400 x 1200 optimized 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% <sup>2</sup>
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 <sup>3</sup>
<b>Scan and copy</b>	
Linear scan speed	Up to 3.81 cm/sec (color, 200 dpi); Up to 11.43 cm/sec (grayscale, 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
<b>Media</b>	
Applications	Line drawings; Renderings; Presentations
Handling	Sheet feed, roll feed, input tray, automatic horizontal cutter
Rolls	Media rolls: 1; Roll size: 279 to 610 mm; Maximum roll weight: 4.1 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
Media Weight Recommended	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,

## Ordering information

<b>Product</b>	
F9A28L	HP DesignJet T830SE 24-in Multifunction Printer
<b>Accessories</b>	
B3O36A	HP DesignJet 24-in Spindle
<b>Original HP printing supplies</b>	
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
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

	semigloss, premium, polypropylene), self-adhesive (adhesive, polypropylene)
<b>Embedded controller</b>	
Memory	1 GB
Hard disk	None
Native print languages	HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4, URF
<b>Connectivity</b>	
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
<b>Dimensions (W x D x H)</b>	
Product	1100 x 510 x 320 mm
Shipping	1310 x 570 x 645 mm
<b>Weight</b>	
Product	42 kg
Shipping	57 kg
<b>Included</b>	
What's in the box	HP DesignJet T830SE 24-in MFP, printhead, ink cartridges, 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
<b>Environmental ranges</b>	
Operating temperature	5 to 40°C
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55°C
<b>Acoustics</b>	
Sound pressure	Printing: 48 dB(A) (operating), <16 dB(A) (idle)
Sound power	Printing: 6.5 B(A) (operating), <3.4 B(A) (idle)
<b>Power</b>	
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
<b>Certification</b>	
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	Compliant with IEC 60950-1 and IEC 62368-1
Electromagnetic	Compliant with Class B requirements: Japan (VCCI)
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.

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  
**U1XV4E** HP Preventive Maintenance Service  
**U9RT0E** HP Monthly Next Business HW Support  
**U9RS8E** HP 2 year Next Business Day HW Support  
**U9RS5E** HP 3 year Next Business Day HW Support  
**U9RS9E** HP 4 year Next Business Day HW Support  
**U9RS6E** HP 5 year Next Business Day HW Support  
**U9RS7PE** HP 1 year Post Warranty Next Business Day HW Support  
**U9RT1PE** 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>

## Specification Footnotes

<sup>1</sup> Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.  
<sup>2</sup> ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Heavyweight Coated roll feed and Original HP inks.  
<sup>3</sup> With HP Premium Instant Dry Photo Gloss media with Original HP inks.

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