

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 MFP¹ 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.²
- Easily print, scan, and check your printer's status remotely with your mobile phone using the HP Smart app.³

Reliable—accurate prints in one click

- Accurately print layered files and PDF documents in one click with HP Click printing software.⁴
- 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 app³, 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

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 September 2021.
² Mechanical printing time, printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP Bright Office Inks.
³ 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.
⁴ 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

| | |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print | |
| Print speed | 26 sec/page on A1, 81 A1 prints per hour ¹ |
| 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% 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 (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 |
| Media | |
| 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

| | |
|--------------------------------------|---------------------------------------------------|
| Product | |
| F9A28L | HP DesignJet T830SE 24-in Multifunction Printer |
| Accessories | |
| B3Q36A | HP DesignJet 24-in Spindle |
| Original HP printing supplies | |
| 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 |

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|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 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 | 1100 x 510 x 320 mm |
| Shipping | 1310 x 570 x 645 mm |
| Weight | |
| Product | 42 kg |
| Shipping | 57 kg |
| Included | |
| 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 |
| Environmental ranges | |
| Operating temperature | 5 to 40°C |
| Operating humidity | 20 to 80% RH |
| Storage temperature | -25 to 55°C |
| 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 | 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

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 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.
³ With HP Premium Instant Dry Photo Gloss media with Original HP inks.

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