



HP DesignJet T830 24-in Multifunction Printer

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



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

- Print documents fast—up to 26 seconds for A1/D-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 colors.
- Reinforced design and strong legs for easy transport and use at the job site.
- Redesigned stand reduces CO2e 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 app⁵ 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>

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: <http://www.hp.com/go/learnaboutsupplies>

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.

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 Sheet: 5 x 5 x 5 x 5 mm |
| 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 | 0.02 mm (HP-GL/2 addressable) |
| Max optical density | 8 L* min/2.10 D ³ |
| Multifunction capabilities | |
| 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 |
| Scan format | JPEG, PDF, TIFF |
| Scan destinations | Scan to email, scan to cloud (through HP Smart app), network, USB, computer, mobile |
| Thickness | 0.8 mm |
| Media | |
| Handling | Sheet feed, roll feed, input tray, media bin, automatic horizontal cutter |
| Roll size | 279 to 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 |
| Grammage | 60 to 280 g/m ² (roll/manual feed); 60 to 220 g/m ² (input tray) |
| Thickness | Up to 0.3 mm |
| Applications | Line drawings; Renderings; Presentations |
| Memory | 1 GB |
| Hard disk | None |
| Connectivity | |
| Interfaces | Gigabit Ethernet (1000Base-T), Wi-Fi 802.11b/g/n |
| Print languages (standard) | HP-GL/2, HP-RTL, TIFF, JPEG, CALS 4, 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, 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 | 1098 x 605 x 1155 mm |
| Shipping | 1310 x 570 x 645 mm |
| Weight | |
| Printer | 46.7 kg |
| Shipping | 65.7 kg |
| 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 40°C |
| Operating humidity | 20 to 80% RH |
| Storage temperature | -25 to 55°C |
| 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 (NVE); 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 Silver, 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

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| Product | |
| F9A28E | HP DesignJet T830 24-in Multifunction Printer |
| Accessories | |
| 5EK00A | HP HD Pro 2 42-in Scanner |
| 5EK00D | HP HD Pro 2 42-in Scanner |
| B3Q36A | HP DesignJet 24-in Spindle |
| G6H50B | HP SD Pro 44-in Scanner |
| N7P47AA | HP USB 3.0 to Gigabit LAN Adapter |
| Original HP printing supplies | |
| 3WX26A | HP 728B 130-ml Matte Black DesignJet Ink Cartridge |
| 3WX30A | HP 728B 300-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 |
| 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 http://hp.com/go/OriginalHPInks . | |
| Service and Support | |
| UC744E HP Network Installation Service U1XV4E HP Preventive Maintenance Service U9RT0E HP Monthly Next Business HW Support U9RS6E 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 | |

ECO highlights

- ENERGY STAR[®] certified¹ and EPEAT[®] Silver registered²
- Free, convenient HP ink cartridge recycling³
- FSC[®]-certified papers⁴ and a range of recyclable HP media with a take-back program⁵

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 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.

