Data sheet

HP Color LaserJet Managed MFP E77830

Premium color value, maximum uptime, and the strongest security[1] from a smart, streamlined MFP.

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.[1]



HP Color LaserJet Managed MFP E77830dn



HP Color LaserJet Managed Flow MFP E77830z

*Purchase of optional paper trays and output accessory availability varied by device

Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft® Office 365 and SharePoint, plus email, USB, and network folders.[2]
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 30 ppm.[3]

The world's most secure printing[1]

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.[4]
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

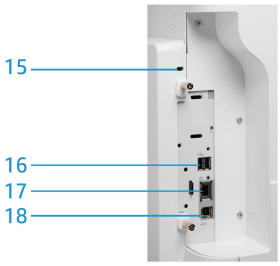
- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.(For Z models only)

Product walkaround

1. 250-sheet automatic document feeder supports media up to 11 x 17 inches (A3)[1]
2. Flatbed scanner handles sheets up to 11.7 x 17 inches (297 x 432 mm)
3. 8.0 inch (20.3 cm) color touchscreen control panel tilts up for easier viewing
4. Pull-out keyboard
5. Right door (access to the print path)
6. 100-sheet multipurpose tray 1 supports media up to 11 x 17 inches (A3)
7. Front door access to toner cartridges
8. Hardware Integration Pocket (for connecting accessory and third-party devices)[2]
9. Easy-access USB port[3]
10. 500-sheet output bin
11. Automatic two-sided printing
12. HP Secure High-Performance Hard Disk
13. 520-sheet tray 2 supports media up to letter (A4)
14. 520-sheet tray 3 supports media up to 11 x 17 (A3)
15. Slot for cable-type security lock
16. 2 Hi-Speed USB 2.0 Host ports
17. Gigabit Ethernet port
18. Hi-Speed USB 2.0 Device port



HP Color LaserJet Managed Flow MFP E77830z



Series at a glance





Model	**HP Color LaserJet Managed MFP E77830dn**	**HP Color LaserJet Managed Flow MFP E77830z**
Product number	Z8Z04A	Z8Z05A
Functions	Print, copy, and scan (fax and wireless optional)	Same as E77830dn
Print speed (black and color)[4]	Up to 30 pages per minute (ppm), letter and A4	Same as E77830dn
ADF capacity	100 sheets, supports media up to 11 x 17 inches (A3)	250 sheets, supports media up to 11 x 17 inches (A3)
Scan speeds (black and color)[5]	Simplex/duplex: 80 ipm/160 ipm (letter and A4)	Simplex/duplex: 120 ipm/240 ipm (letter and A4)
Advanced workflow features	Send to Microsoft® SharePoint®	Same as E77830dn, plus: HP EveryPage technology, pull-out keyboard, auto-tone, auto orientation, auto-page-crop, embedded OCR
Optional input accessories	2 x 520-sheet Paper Feeder, 2,000-sheet HCI Feeder, Printer Cabinet	Same as E77830dn
Optional output accessories	Stapler/Stacker, Inner Finisher, Hole Punch (2/3, 2/4, and Swedish), Booklet Maker	Same as E77830dn

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

Choose from:

Optimized Care (optimum performance and stability):
4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):
Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):
Next Business Day Onsite Support

4 hour Onsite Support:
Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support:
Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service:
Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service:
Assembly, network configuration, and basic administrator familiarization. For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

Top Features

Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color LaserJet MFP built to make your work—and your business—look its best.

Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable results day in and day out.

Only HP Enterprise printers repair themselves from attacks in real time, with built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP.[1]

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 180 ipm[5]—and avoid extra steps with a Flow MFP designed for maximum productivity.

Product

Z8Z04A	HP Color LaserJet Managed MFP E77830dn
Z8Z05A	HP Color LaserJet Managed Flow MFP E77830z

Accessories

B5L29A	HP High-Performance Secure Hard Disk
CC487A	HP LaserJet MFP Analog Fax Accessory 500
Y1F97A	HP LaserJet Dual Cassette Workgroup Feeder
Y1F99A	HP LaserJet 2000-sheet HCI Input Tray
Y1G02A	HP LaserJet Inner Finisher Hole 2/3 Punch
Y1G03A	HP LaserJet Inner Finisher Hole 2/4 Punch
Y1G04A	HP LaserJet Inner Finisher Swedish Punch
Y1G07A	HP LaserJet Booklet Finisher
Y1G12A	HP LaserJet Hole Punch Swedish Accessory
Y1G22A	HP LaserJet Paper Tray Heaters Accessory

Supplies

W9040MC	HP W9040MC Black Managed LaserJet Toner (34,000 pages)
W9041MC	HP W9041MC Cyan Managed LaserJet Toner (32,000 pages)
W9042MC	HP W9042MC Yellow Managed LaserJet Toner (32,000 pages)
W9043MC	HP W9043MC Magenta Managed LaserJet Toner (32,000 pages)

HP Care Packs

U9LP3E	HP 1 yr Next Business Day Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LP4E	HP 3 yr Next Business Day Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LP5E	HP 4 yr Next Business Day Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LP6E	HP 5 yr Next Business Day Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LP7E	HP 3 yr 4 hour 9x5 Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LP8E	HP 4 yr 4 hour 9x5 Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LP9E	HP 5 yr 4 hour 9x5 Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LQ0E	HP 1 yr Next Business Day Parts Exch Svc for Color LaserJet E778xx MFP Managed (Channel Only)
U9LQ1E	HP 3 yr Next Business Day Parts Exch Svc for Color LaserJet E778xx MFP Managed (Channel Only)
U9LQ2E	HP 4 yr Next Business Day Parts Exch Svc for Color LaserJet E778xx MFP Managed (Channel Only)
U9LQ3E	HP 5 yr Next Business Day Parts Exch Svc for Color LaserJet E778xx MFP Managed (Channel Only)
U9LQ4PE	HP 1 yr Post Warranty NBD Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LQ5PE	HP 2 yr Post Warranty NBD Svc w/Defective Media Retention for Color LaserJet E778xx MFP Managed
U9LQ6PE	HP 1 yr Post Wty 4 hour 9x5 Svc w/Defective Media Retention for Color Laseret E778xx MFP Managed

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

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Paper

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP Imaging and Printing Security Center: hp.com/go/ipsc

HP Color LaserJet Managed MFP E77830

Model	HP Color LaserJet Managed MFP E77830dn	HP Color LaserJet Managed Flow MFP E77830z
Product number	Z8Z04A	Z8Z05A
Functions	Print, Copy, Scan (fax and wireless optional)	
Print		
Duplex print options	Automatic (standard)	
Print speed	**Black (A4, normal):** Up to 30 ppm; **Black (letter, normal):** Up to 30 ppm; **Black (A3, normal):** Up to 15 ppm; **Black (tabloid, normal):** Up to 30 ppm; **Black (A4, duplex):** Up to 21 ipm; **Black (letter, duplex):** Up to 21 ipm; **Black (A3, duplex):** Up to 10 ipm; **Black (tabloid, duplex):** Up to 10 ipm; **Color (A4, normal):** Up to 30 ppm; **Color (Draft, A4):** Up to 30 ppm; **Color (A4, Duplex):** Up to 21 ipm; **Color (letter, Duplex):** Up to 21 ipm	
First page out[3]	**Black (A4, ready):** As fast as 9.6 sec; **Black (A4, sleep):** As fast as 20 sec; **Color (A4, sleep):** As fast as 20 sec; **Black (letter, ready):** As fast as 9.7 sec; **Black (letter, sleep):** As fast as 20 sec; **Color (letter, ready):** As fast as 11.4 sec; **Color (letter, sleep):** As fast as 20 sec	
Print technology	Laser	
Print resolution	**Black (best):** Up to 1200 x 1200 dpi reduced speed; **Black (normal):** Up to 1200 x 1200 dpi reduced speed; **Color (best):** Up to 1200 x 1200 dpi reduced speed; **Color (normal):** Up to 600 x 600 dpi reduced speed	
Print cartridges number	4 (1 each black, cyan, magenta, yellow)	
Standard print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	
Printer management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	
Scan		
Scan technology	**Type:** Flatbed, ADF; **Technology:** Platen Scanner CCD Digital-CIS	
Scan speed[9]	**Normal, A4:** Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color)	**Normal, A4:** Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color)
Scan resolution	**Enhanced:** Up to 600 x 600 dpi; **Hardware:** UP to 600 x 600 dpi	
Digital sending starndard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	
Scan size	**Flatbed:** 297 x 432 mm; **ADF scan size:** 297 x 432 mm	
Scan input modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	
Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
Copy		
Copy smart software features	Better remote diagnosis and repair; Higher first time fix rates; Full toner, LLC utilization; Capture un-billed pages from reconnected network devices, personal printers; On-site access to service training; A3 LaserJets are designed for fewer LLC replacements and faster repairs.	
Copy speed	**Black (A4, normal):** Up to 30 cpm; **Black (letter, normal):** Up to 30 cpm; **Color (A4, normal):** Up to 30 cpm; **Color (letter, normal):** Up to 30 cpm; **Black Duplex (A4):** Up to 21 cpm; **Black (letter, duplex):** Up to 21 cpm; **Color (A4, Duplex):** Up to 21 cpm; **Color (letter, duplex):** Up to 21 cpm	
First copy out	**Black (A4):** As fast as 7.9 sec; **Color (A4):** As fast as 8.5 sec; **Black (A4, sleep):** As fast as 21.5 sec; **Color (A4, sleep):** As fast as 21.5 sec; **Black (letter):** As fast as 8.0 sec; **Black (letter, sleep):** As fast as 21.5 sec	
Copy resolution	**Black (text and graphics):** Up to 1200 x 1200 dpi; **Color (text and graphics):** Up to 600 x 600 dpi	
Max. number of copies	Up to 999 copies	
Copier resize	25 to 400%	
Copier settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview	
Fax		
Fax speed	33.6 kbps	
Fax resolution	Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)	
Fax features	**Auto fax reduction supported:** Yes; **Auto-redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 1000 numbers (each with 210 destinations); **PC interface supported:** Yes; **Fax polling supported:** Yes (poll to receive only)	
Fax memory	**Fax memory (A4):** Up to 500 pages; **Fax memory (letter):** Up to 500 pages	
Connectivity		
Standard connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	
Mobile printing capability[4]	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Network ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	
Wireless capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	
Memory	**Standard:** 6 GB; **Maximum:** 6 GB	**Standard:** 7 GB; **Maximum:** 7 GB
Hard Disk	One 320 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.	Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk, Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500 GB FIPS 140-2 validated hard disk instead.
Processor speed	1.2 GHz	
Duty cycle (monthly)	Up to 300,000 pages; **Recommended monthly page volume:** Up to 30,000 pages	
Paper handling		
Input	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; Optional 2000 sheet tray	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; Optional 2000 sheet tray
Output	500 sheet face-down output bin	
Media type	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored	
Media weight	Tray 1: 60 to 175 g/m²; Tray 2, 3: 60 to 220 g/m²	
Media sizes custom	Tray 1: 98 x 148 mm to 297 x 432 mm; Tray 2: 139.7 x 210 mm to 297 x 364 mm; Tray 3: 139.7 x 210 mm to 297 x 432 mm	
Dimensions (W x D x H)	566 x 724.3 x 879 mm	585 x 775.9 x 927.5 mm
Weight	89.55 kg	
What's in the box[1]	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INLCLUDE TONER)	
Warranty features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	
Systems		
Compatible operating systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)	
Minimum system requirements	**PC:** 2 GB available hard disk space; OS hardware requirements see microsoft.com **Mac:** 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info	
Security management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Fonts and Typefaces	84 scalable TrueType fonts	
Control panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
Display	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Power	**Power supply type:** Internal (Built-in) power supply; **Power supply required:** Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%)	
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
Acoustics	**Acoustic power emissions:** 6.6 B(A), printing color simplex A4 at 30 ppm; **Acoustic power emissions (ready):** Inaudible; **Acoustic pressure emissions bystander (active, printing):** 51 dB(A), printing color simplex A4 at 30 ppm; **Acoustic pressure emissions bystander (ready):** Inaudible	**Acoustic power emissions:** 6.7 B(A), printing color simplex A4 at 30 ppm; **Acoustic power emissions (ready):** Inaudible; **Acoustic pressure emissions bystander (active, printing):** 51 dB(A), printing color simplex A4 at 30 ppm; **Acoustic pressure emissions bystander (ready):** Inaudible
Environmental ranges	**Operating temperature range:** 15 to 30ºC; **Recommended operating temperature:** 15 to 30ºC; **Non-operating humidity range:** 10 to 80% RH; **Operating humidity range:** 20 to 80% RH; **Recommended operating humidity range:** 20 to 80% RH	
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014 / IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007 Other safety approvals as required by individual countries	
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint; Google Cloud Print 2.0	

Footnotes

[1] Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims
[2] Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hpconnected.com
[3] Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[4] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity
[5] Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Product walkaround disclaimers

[1] The 250-sheet ADF is included on the Flow MFP E77830z only. The MFP E77830dn has a 100-sheet ADF.
[2] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
[3] An administrator must enable the easy-access USB port before use.
[4] Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[5] Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Technical specifications disclaimers

[1] No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)
[2] Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17
[3] Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[4] Optional Wireless Direct and Wireless
[5] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies
[6] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.
[7] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[8] Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.
[9] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

To learn more, visit hp.com

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