



HP Color LaserJet Managed MFP E78323dn, E78325dn, E78330dn

Premium color value, maximum uptime, and the strongest security¹ 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 E78323dn -
Bundle Product 23 ppm



HP Color LaserJet Managed MFP E78325dn -
Bundle Product 25 ppm



HP Color LaserJet Managed MFP E78330dn -
Bundle Product 30 ppm

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

The world's most secure printing¹

- 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.

Product walkaround

HP Color LaserJet Managed Flow MFP E78330z shown

1. Hardware Integration Pocket (for connecting accessory and third-party devices)¹
2. Flatbed scanner handles sheets up to 297 x 432 mm
3. Easy-access USB port²
4. 500-sheet output bin
5. Front door access to toner cartridges
6. Automatic two-sided printing
7. HP High-Performance Secure Hard Disk
8. Slot for cable-type security lock, 2 Hi-Speed USB 2.0 Host ports, Gigabit Ethernet port, Hi-Speed USB 2.0 device port
9. 250-sheet ADF supports media sizes up to A3 (Flow models only)³
10. 22.8 cm (9.0-inch) functional touchscreen with 20.3 cm (8.0-inch) colour graphics display
11. Pull-out keyboard (Flow models only)
12. Right door access to the print path
13. 100-sheet multipurpose tray 1 supports media sizes up to A3
14. 520-sheet tray 2 supports media sizes up to A4
15. 520-sheet tray 3 supports media sizes up to A3
16. Optional 2 x 520-sheet dual cassette feeder supports media sizes up to A3



Series at a glance



Model	HP Color LaserJet Managed MFP E78323dn - Bundle Product 23 ppm	HP Color LaserJet Managed MFP E78325dn - Bundle Product 25 ppm	HP Color LaserJet Managed MFP E78330dn - Bundle Product 30 ppm
Product number	8PE93A	8PE94A	8PE95A
Functions	Print, copy, and scan (fax and wireless optional)		
Print speed (A4, black and colour) ⁴	Up to 23 ppm	Up to 25 ppm	Up to 30 ppm
Scan speed (A4, black and colour) ⁵	80 ppm/160 ipm, simplex/duplex		
ADF capacity	100 sheets		
Input capacity	Standard: 1,140 sheets; Maximum: 3,140 sheets		
Advanced workflow features	Send to Microsoft SharePoint		

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 ipm⁵—and avoid extra steps with a Flow MFP designed for maximum productivity.

Product

8PE93A	HP Color LaserJet Managed MFP E78323dn - Bundle Product 23 ppm
8PE94A	HP Color LaserJet Managed MFP E78325dn - Bundle Product 25 ppm
8PE95A	HP Color LaserJet Managed MFP E78330dn - Bundle Product 30 ppm

Accessories

2EH31A	HP MFP Analog Fax Accessory 700
2MU47A	HP Accessibility Assistant
2NR09A	HP 2GB 144-Pin DDR3 TAA Version DIMM
2NR12A	HP Removable Hard Drive Enclosure
2TD64A	HP Accessibility Kit
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
3KR68A	HP ADF Separation Pad
3KR69A	HP ADF Pick Roller Assembly
4QL32A	HP Legic Secure USB Reader
5EL03A	HP TAA Version Secure Hard Disk Drive
5UT59A	HP MFP Analog Fax Accessory 701
5YP34A	HP 5YP34A Laser HDD Accessory
8FP31A	HP Jetdirect LAN Accessory
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
CC487A	HP LaserJet MFP Analog Fax Accessory 500
E5K49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
J8031A	HP Jetdirect 2900nw Print Server

Supplies

5PN63A	HP LaserJet Image Transfer Kit (Up to 400,000 pages)
5PN64A	HP LaserJet Image Transfer Blade Kit (Up to 200,000 pages)
5PN65A	HP LaserJet Transfer Roller Kit (Up to 200,000 pages)
W9048MC	HP W9048MC Managed LaserJet Toner Collection Unit
W9210MC	HP W9210MC Black Managed LaserJet Toner Cartridge (29,000 pages)
W9211MC	HP W9211MC Cyan Managed LaserJet Toner Cartridge (28,000 pages)
W9212MC	HP W9212MC Yellow Managed LaserJet Toner Cartridge (28,000 pages)
W9213MC	HP W9213MC Magenta Managed LaserJet Toner Cartridge (28,000 pages)
W9220MC	HP W9220MC Black Managed LaserJet Toner Cartridge (25,000 pages)
W9221MC	HP W9221MC Cyan Managed LaserJet Toner Cartridge (20,000 pages)
W9222MC	HP W9222MC Yellow Managed LaserJet Toner Cartridge (20,000 pages)
W9223MC	HP W9223MC Magenta Managed LaserJet Toner Cartridge (20,000 pages)

HP Care Packs

UA5JOE	HP 3 year 4 hour 9x5 w/Defective Media Retention SVC for Color LaserJet E77822-E78322 MFP Managed
UA5K7E	HP 3 year 4 hour 9x5 w/Defective Media Retention SVC for Color LaserJet E77825-E78325 MFP Managed
UA5M4E	HP 3 year 4 hour 9x5 w/Defective Media Retention SVC for Color LaserJet E77830-E78330 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

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 E78323-E78330 series

Model	HP Color LaserJet Managed MFP E78323dn - Bundle Product 23 ppm	HP Color LaserJet Managed MFP E78325dn - Bundle Product 25 ppm	HP Color LaserJet Managed MFP E78330dn - Bundle Product 30 ppm
Product number	8PE93A	8PE94A	8PE95A
Functions	Print, copy, scan, fax (optional)		
Print			
Duplex print options	Automatic (standard)		
Print speed	Black (A4, normal): Up to 23 ppm; Black (letter, normal): Up to 23 ppm; Black (A4, duplex): Up to 17 ipm; Black (letter, duplex): Up to 17 ipm Color (A4, normal): Up to 23 ppm; Color (letter, normal): Up to 23 ppm; Color (A4, duplex): Up to 17 ipm; Color (letter, duplex): Up to 17 ipm Black (A3, normal): Up to 12 ppm; Black (letter, normal): Up to 12 ppm; Black (A3, duplex): Up to 8 ipm; Black (letter, duplex): Up to 8 ipm Color (A3, normal): Up to 12 ppm; Color (letter, normal): Up to 12 ppm; Color (A3, duplex): Up to 8 ipm; Color (letter, duplex): Up to 8 ipm	Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 25 ppm Color (A4, normal): Up to 25 ppm; Color (letter, normal): Up to 25 ppm	Black (A4, normal): Up to 30 ppm; Black (letter, normal): Up to 30 ppm; Black (A4, duplex): Up to 21 ipm; Black (letter, duplex): Up to 21 ipm Color (A4, normal): Up to 30 ppm; Color (letter, normal): Up to 30 ppm; Color (A4, duplex): Up to 21 ipm; Color (letter, duplex): Up to 21 ipm Black (A3, normal): Up to 16 ppm; Black (letter, normal): Up to 16 ppm; Black (A3, duplex): Up to 10 ipm; Black (letter, duplex): Up to 10 ipm Color (A3, normal): Up to 16 ppm; Color (letter, normal): Up to 16 ppm; Color (A3, duplex): Up to 10 ipm; Color (letter, duplex): Up to 10 ipm
First page out ³	Black (A4, ready): As fast as 10.5 sec; Color (A4, ready): As fast as 13.5 sec; Black (A4, sleep): As fast as 26 sec; Color (A4, sleep): As fast as 27 sec		Black (A4, ready): As fast as 8.9 sec; Color (A4, ready): As fast as 11.1 sec; Black (A4, sleep): As fast as 27 sec; Color (A4, sleep): As fast as 27 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		
Print cartridges number	4 (1 each black, cyan, magenta, yellow)		
Standard print languages	HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible		
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);		
Scan			
Scan technology	Type: Flatbed, ADF; Technology: Contact Image Sensor (CIS); Platen Scanner (CCD)		
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)	Normal (A4): Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color)
Scan resolution	Enhanced: Up to 600 x 600 dpi; Hardware: UP to 600 x 600 dpi; Optical: Up to 600 x 600 dpi		
Digital sending standard 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; Compact PDF; Auto Straighten		
Color scanning	Yes		
Scan Size	Flatbed: 297 x 432 mm; ADF: 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 (OXF) 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)	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)
Copy			
Copier 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.		
First copy out	Black (A4): As fast as 9.3 sec; Color (A4): As fast as 10.7 sec; Black (A4, sleep): As fast as 26 sec; Color (A4, sleep): As fast as 26 sec; Color (letter): As fast as 10.7 sec; Black (letter, sleep): As fast as 26 sec		Black (A4): As fast as 6.5 sec; Color (A4): As fast as 7.7 sec; Black (A4, sleep): As fast as 26 sec; Color (A4, sleep): As fast as 26 sec; Black (letter): As fast as 6.5 sec; Color (letter): As fast as 7.7 sec; Black (letter, sleep): As fast as 26 sec
Copy resolution	Color (text and graphics): Up to 600 x 600 dpi		
Max no of copies	Up to 9999 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/monochrome; image preview		
Fax			
Fax speed ²	33.6 kbps / 3 sec per page		
Fax memory	Fax memory (A4): Up to 500 pages; Fax memory (letter): Up to 500 pages		
Fax resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi; Black and white (fine): Up to 203 x 196 dpi; Black photo grayscale: 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)		
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		
Mobile printing capability ⁴	HP Smart App and other mobile Apps		
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: 7 GB	Standard: 7 GB; Maximum: 7 GB	Standard: 6 GB; Maximum: 7 GB
Hard disk	16 GB encrypted eMMC (located on formatter board for stored jobs and solutions); One 500 GB Standard (located on engine main board for copy/scan functions), 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 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		
Paper handling			
Input	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 100 sheet ADF		
Output	500 sheet face-down output bin		
Media types	Plain, HP EcoEFFICIENT, 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, Prepunched, Colored		
Media weight	Tray 1: 60 to 175 g/m ² ; Tray 2, 3: 60 to 220 g/m ²		
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)	570 x 735 x 827 mm	585 x 775.9 x 927.5 mm	570 x 735 x 827 mm
Weight	91.1 kg		
What's in the box ¹	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Hardware install and setup documentation; Support flyers; (APJ only) Introductory cartridges		
Software included	No software solutions are included in the Box only on http://hp.com , http://123.hp.com		
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.		

HP Color LaserJet Managed MFP E78323-E78330 series

Model	HP Color LaserJet Managed MFP E78323dn - Bundle Product 23 ppm	HP Color LaserJet Managed MFP E78325dn - Bundle Product 25 ppm	HP Color LaserJet Managed MFP E78330dn - Bundle Product 30 ppm
Product number	8PE93A	8PE94A	8PE95A
Systems			
Compatible operating systems	Windows Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Apple® macOS Catalina v10.15, Discrete PCL6 Printer Driver-, For more information on the supported operating systems go to http://support.hp.com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd		
Minimum system requirements	PC: 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com ;; Mac: 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com ;		
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 WPA-10 IPsec Configuration using IPsec Plug-in		
Control panel	9.0-in (22.8 cm) functional touchscreen with 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	9.0-in (22.8 cm) functional touchscreen with 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; Pull-out Keyboard	9.0-in (22.8 cm) functional touchscreen with 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
Display	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)		
Energy efficiency compliance	EPEAT® Silver; CEC		
ENERGY STAR Qualified	No		No
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%); Power consumption ¹⁰ : 577 watts (printing), 44 watts (ready), 12 watts (sleep), 0.7 watts (Final sleep), 0.01 watts (off); Typical Electricity Consumption number: BA: 1.487 kWh/Week; ES: 1.531 kWh/Week	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%); Power consumption ¹⁰ : 629 watts (printing), 44 watts (ready), 12 watts (sleep), 0.7 watts (Final sleep), 0.01 watts (off); Typical Electricity Consumption number: 1.086 kWh/Week (Blue Angel); 0.363 kWh/Week (Energy Star 3.0)	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%); Power consumption ¹⁰ : 682 watts (printing), 44 watts (ready), 12 watts (sleep), 0.7 watts (Final sleep), 0.01 watts (off); Typical Electricity Consumption number: 1.370 kWh/Week (Blue Angel); 0.431 kWh/Week (Energy Star 3.0)
Acoustics	Acoustic power emissions: 6.3 B(A), printing color simplex A4 at 22 ppm; Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions bystander (active, printing): 48 dB(A), printing color simplex A4 at 22 ppm; Acoustic pressure emissions bystander (ready): Inaudible	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	
Environmental ranges	Operating temperature range: 15 to 30°C; Recommended operating temperature: 15 to 30°C; Operating humidity range: 10 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; EN 62471:2008/IEC62471:2006; 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		
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/printersecurity>
- 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.
- ⁶ An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

Product walkaround disclaimers

- ¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
- ² An administrator must enable the easy-access USB port before use.
- ³ The E78300 series Flow models include a 250-sheet ADF. The E78300 series dn models include a 100-sheet ADF. The ADF on all devices can scan documents up to 11 x 17 inches (A3).
- ⁴ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ⁵ Scan speeds measured from ADF. 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.
- ¹⁰ 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. Energy Star value typically based on measurement of 115V device.
- ¹¹ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

To learn more, visit <http://www.hp.com>

