



HP Color LaserJet Managed MFP E78323z, E78325z, E78330z

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



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. Learn more at: <http://www.hp.com/go/learnaboutsupplies>



HP Web Jetadmin



Easy access USB



2-sided printing



Quality laser printing

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



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. 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.

Series at a glance



Model	HP Color LaserJet Managed Flow MFP E78323z	HP Color LaserJet Managed Flow MFP E78325z	HP Color LaserJet Managed Flow MFP E78330z
Product number	8GR98A (Base) + 8GR99A (Speed license) or 8GS28A (Bundle)	8GR98A (Base) + 8GS00A (Speed license) or 8GS29A (Bundle)	8GR98A (Base) + 8GS01A (Speed license) or 8GS30A (Bundle)
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	120 ppm/240 ipm, simplex/duplex		
ADF capacity	250 sheets		
Input capacity	Standard: 1,140 sheets; Maximum: 3,140 sheets		
Advanced workflow features	Send to Microsoft SharePoint, HP EveryPage technology, pull-out keyboard, auto-tone, auto-orientation, autopage-crop, embedded OCR		

Accessories, Supplies and Support

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 (33,700 pages)
	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)
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
	E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
	J8030A HP Jetdirect 3000w NFC/Wireless Accessory
	J8031A HP Jetdirect 2900nw Print Server
	X3D03A HP Universal USB Proximity Card Reader
Service and Support	UA5H6E HP 1 year Next Business Day w/Defective Media Retention for Color LaserJet E77822-E78322 MFP Managed
	UA5H7E HP 3 year Next Business Day w/Defective Media Retention for Color LaserJet E77822-E78322 MFP Managed
	UA5H8E HP 4 year Next Business Day w/Defective Media Retention for Color LaserJet E77822-E78322 MFP Managed
	UA5H9E HP 5 year Next Business Day w/Defective Media Retention for Color LaserJet E77822-E78322 MFP Managed
	UA5K3E HP 1 year Next Business Day w/Defective Media Retention for Color LaserJet E77825-E78325 MFP Managed
	UA5K4E HP 3 year Next Business Day w/Defective Media Retention for Color LaserJet E77825-E78325 MFP Managed
	UA5K5E HP 4 year Next Business Day w/Defective Media Retention for Color LaserJet E77825-E78325 MFP Managed
	UA5K6E HP 5 year Next Business Day w/Defective Media Retention for Color LaserJet E77825-E78325 MFP Managed
	UA5M0E HP 1 year Next Business Day w/Defective Media Retention for Color LaserJet E77830-E78330 MFP Managed
	UA5M1E HP 3 year Next Business Day w/Defective Media Retention for Color LaserJet E77830-E78330 MFP Managed
	UA5M2E HP 4 year Next Business Day w/Defective Media Retention for Color LaserJet E77830-E78330 MFP Managed
	UA5M3E HP 5 year Next Business Day w/Defective Media Retention for Color LaserJet E77830-E78330 MFP Managed

Technical specifications

Model	HP Color LaserJet Managed Flow MFP E78323z	HP Color LaserJet Managed Flow MFP E78325z	HP Color LaserJet Managed Flow MFP E78330z
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Functions	Print, copy, scan, fax (optional)		
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; Pull-out Keyboard		
Print			
Print technology	Laser		
Print speed	Black (A4, normal): Up to 23 ppm; Colour (A4, normal): Up to 23 ppm; Black (A4, duplex): Up to 17 ipm; Colour (A4, duplex): Up to 17 ipm; Black (A3, normal): Up to 12 ppm; Colour (A3, normal): Up to 12 ppm;	Black (A4, normal): Up to 25 ppm; Colour (A4, normal): Up to 25 ppm; Black (A4, duplex): Up to 18 ipm; Colour (A4, duplex): Up to 18 ipm; Black (A3, normal): Up to 14 ppm; Colour (A3, normal): Up to 14 ppm;	Black (A4, normal): Up to 30 ppm; Colour (A4, normal): Up to 30 ppm; Black (A4, duplex): Up to 21 ipm; Colour (A4, duplex): Up to 21 ipm; Black (A3, normal): Up to 16 ppm; Colour (A3, normal): Up to 16 ppm;
First page out ³	Black (A4, ready): As fast as 10.5 sec; Colour (A4, ready): As fast as 13.5 sec; Black (A4, sleep): As fast as 26 sec; Colour (A4, sleep): As fast as 27 sec;	Black (A4, ready): As fast as 10.4 sec; Colour (A4, ready): As fast as 13.0 sec; Black (A4, sleep): As fast as 27 sec; Colour (A4, sleep): As fast as 27 sec;	Black (A4, ready): As fast as 8.9 sec; Colour (A4, ready): As fast as 11.1 sec; Black (A4, sleep): As fast as 27 sec; Colour (A4, sleep): As fast as 27 sec;
Print resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Colour (best): Up to 1200 x 1200 dpi reduced speed;		
Monthly duty cycle	Up to 300,000 pages A4; Recommended monthly page volume: Up to 50,000		
Printer smart software 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, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MFP designed for maximum productivity.		
Standard print languages	HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible		
Print area	Print margins Top: 4.23 mm, Bottom: 4.2 mm, Left: 4.23 mm, Right: 4.23 mm; Maximum print area: 288.5 x 423.6 mm		
Duplex printing	Automatic (standard)		
Copy			
Copy speed	Black (A4): Up to 23 cpm; Colour (A4): Up to 23 cpm	Black (A4): Up to 25 cpm; Colour (A4): Up to 25 cpm	Black (A4): Up to 30 cpm; Colour (A4): Up to 30 cpm
Copier specifications	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; Maximum number of copies: Up to 9999 copies; Reduce/Enlarge: 25 to 400%;		
Scan			
Scan speed ⁹	Normal (A4): Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color); Duplex (A4): Up to 240 ipm (b&w), up to 240 ipm (color)		
Scan file format	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 (.lprn, .pcl, .cht)		
Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Platen Scanner (CCD); 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; Twain version: Version 2.1; Duplex ADF scanning: Yes; Scan size maximum (flatbed): 297 x 432 mm; Optical scan resolution: Up to 600 x 600 dpi		
Scanner advanced features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB; Scan-to-SharePoint		
Scannable area	Maximum media size (flatbed): 297 x 432 mm; Minimum media size (ADF): 105 x 148 mm Maximum media size (ADF): 297 x 432 mm		
Bit depth/ Grey scale levels	24-bit / 256		
Digital sending	Standard: 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; OCR		
Fax			
Fax ²	Optional, Fax modem max speed 33.6 kbps		
Fax specifications	Fax memory: Up to 500 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 203 x 392 or 300 x 300 dpi; Quick dialing: Up to 1000 numbers (each with 210 destinations);		
Processor speed	1.2 GHz		
Connectivity			
Standard	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		
Optional	HP Jetdirect 3000w NFC/Wireless Accessory J8030A; HP Jetdirect 2900nw Print Server J8031A		
Wireless	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.		

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Mobile printing capability ⁴	HP Smart App and other mobile Apps		
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, NDP5, ePrint; Google Cloud Print 2.0		
Hard disk	Two 500 GB Standard, embedded HP High-Performance Secure Hard Disk, Total 1000 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.		
Memory	Standard: 8 GB; Maximum: 8 GB		
Media handling			
Number of paper trays	Standard: 3 ; Maximum: 5		
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, Preprinted, Prepunched, Colored		
Media size	Custom (metric): 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 ; Supported (metric): Tray 1: A3, A4, A4R, A5, A5R, A6, Ra4, B4 (JIS), B5 (JIS), B6 (JIS), Oficio, 8K, 16k, Postcard, Dpostcard (JIS), Envelope B5, Envelop C5, Envelope C6, Envelope DL; Tray 2: A4, A4R, A5, Ra4, B4 (JIS), B5 (JIS), Oficio, 16k; Tray 3: A3, A4, A4R, A5, Ra3, Ra4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k ; ADF: Legal; Oficio; Executive; Statement; Ledger; A3; A4; A4R; A5; A6; B4; B5; B6; 16k; Dpostcard (JIS)		
Media handling	Standard input: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 250 sheet ADF Standard output: 500 sheet face-down output bin Optional input: 2 x 520-sheet Dual Capacity Feeder, 2000-sheet High Capacity Feeder ADF: Standard, 250 sheets		
Media weight	Tray 1: 60 to 175 g/m ² ; Tray 2, 3: 60 to 220 g/m ² ; ADF: 42 to 220 g/m ²		
Input capacity	Tray 1: Sheets: 100; envelopes: 10 Tray 2: Sheets: 520 Tray 3: Sheets: 520 Maximum: Up to 3140 sheets ADF: Standard, 250 sheets		
Output capacity	Standard: Up to 500 sheets Envelopes: Up to 40 envelopes Maximum: Up to 3250 sheets		
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		
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com , Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix- For more information see http://hp.com/go/unixmodelscripts , UPD PCL6 / PS Printer Drivers-, 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	Windows: 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 ;		
Software included	No software solutions are included in the Box only on http://hp.com , http://123.hp.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 WJA-10 IPsec Configuration using IPsec Plug-in		
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);		
Dimensions and weight			
Printer dimensions (W x D x H)	Minimum 585 x 775.9 x 927.5 mm; Maximum: 1143 x 1270 x 1300.5 mm;		
Package dimensions (W x D x H)	955 x 810 x 1038 mm		
Printer weight	91.1 kg		
Package weight	110.0 kg		
Operating environment	Temperature: 15 to 30°C; Humidity: 20 to 80% RH		
Storage conditions	Temperature: -10 to 40°C;		
Acoustics	Acoustic power emissions: 6.4 B(A), printing color simplex A4 at 22 ppm; Acoustic pressure emissions: 49 dB(A), printing color simplex A4 at 22 ppm	Acoustic power emissions: 6.5 B(A), printing color simplex A4 at 25 ppm; Acoustic pressure emissions: 49 dB(A), printing color simplex A4 at 25 ppm	Acoustic power emissions: 6.7 B(A), printing color simplex A4 at 30 ppm; Acoustic pressure emissions: 51 dB(A), printing color simplex A4 at 30 ppm
Power ^{10,6}	Requirements: Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%). Not dual voltage, power supply varies by part number with # Option code identifier.; Consumption: 577 watts (printing), 44 watts (ready), 12 watts (sleep), 0.7 watts (Final sleep), 0.01 watts (off); Typical Electricity Consumption (TEC): BA: 0.982 kWh/Week; ES: 0.336 kWh/Week; Power supply type: Internal (Built-in) power supply;	Requirements: Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%). Not dual voltage, power supply varies by part number with # Option code identifier.; Consumption: 629 watts (printing), 44 watts (ready), 12 watts (sleep), 0.7 watts (Final sleep), 0.01 watts (off); Typical Electricity Consumption (TEC): BA: 1.086 kWh/Week; ES: 0.363 kWh/Week; Power supply type: Internal (Built-in) power supply;	Requirements: Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%). Not dual voltage, power supply varies by part number with # Option code identifier.; Consumption: 682 watts (printing), 44 watts (ready), 12 watts (sleep), 0.7 watts (Final sleep), 0.01 watts (off); Typical Electricity Consumption (TEC): BA: 1.370 kWh/Week; ES: 0.431 kWh/Week; Power supply type: Internal (Built-in) power supply;
Certifications	CISPR22: 2008 (International) CISPR 32: 2012/EN 55032: 2012 Class A, EN 61000-3-2: 2014, EN 61000-3-3:2013, EN 55024:2010, EMC Directive 2014/30/EU with CE Marking (Europe), FCC 47CFR Part 15 Class A/ICES-003, Issue 6 Class A, Other EMC approvals as required by individual countries. ENERGY STAR® qualified; EPEAT® Silver; CEGP Blue Angel compliant Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies		
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		
Warranty	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.		

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.
- 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.

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.

