

# HP LaserJet Enterprise MFP M430f (3PZ55AR)



## Overview

HP's entry-level Enterprise-class MFP with speeds up to 42 ppm<sup>[8]</sup> and strongest security.<sup>[1]</sup>

### Easy to use, simple to manage

HP FutureSmart firmware can be updated with the latest features<sup>[2]</sup> to optimize your investment for years to come.

### Enhanced productivity to empower work teams

Give workgroups what they need to succeed with hundreds of HP and third-party solutions and card reader support.

### The world's most secure printing<sup>[1]</sup>

The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.

### Sustainability is smart business

Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings.<sup>[7]</sup>

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*[1] HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit [hp.com/go/PrintersThatProtect](http://hp.com/go/PrintersThatProtect). For more information, visit [hp.com/go/PrinterSecurityClaims](http://hp.com/go/PrinterSecurityClaims)*

*[2] Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.*

*[7] Dependent upon country setup specifications.*

*[8] HP Secure Print is optional and requires a license.*

## Specifications

<b>Print Resolution Technologies</b>	300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200
<b>Print quality black (best)</b>	Up to 1200 x 1200 dpi
<b>Print speed black (ISO, A4)</b>	Up to 38 ppm (default); Up to 40 ppm (HP high speed mode)
<b>Print speed black (ISO, letter)</b>	Up to 40 ppm (default); Up to 42 ppm (HP high speed mode)
<b>Print speed</b>	Up to 40 ppm (black)
<b>Functions</b>	Print, copy, scan, fax
<b>Duplex printing</b>	Automatic (default)
<b>Duty cycle (monthly, A4)</b>	Up to 100,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 100,000 pages
<b>Printer smart software features</b>	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
<b>Copier smart software features</b>	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
<b>Scanner advanced features</b>	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets
<b>Fax smart software features</b>	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
<b>Replacement cartridges</b>	HP 58A Black Original LaserJet Toner Cartridge (~3,000 pages) CF258A, HP 58X High Yield Black Original LaserJet Toner Cartridge (~10,000 pages) CF258X <sup>[2]</sup>
<b>Supplies feature</b>	HP JetIntelligence Cartridge
<b>Connectivity, standard</b>	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Fax
<b>Connectivity, optional</b>	HP Jetdirect LAN Accessory 8FP31A; HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
<b>Modem</b>	33.6 kbps
<b>Network capabilities</b>	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (Optional); second Ethernet port (Optional).
<b>Wireless capability</b>	Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
<b>Mobile printing capability</b>	HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print

<b>Network protocols, supported</b>	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEv1 and IKEv2), Firewall, 802.1x
<b>Software included</b>	No software solutions are included in the Box only on <a href="http://hp.com">http://hp.com</a> or <a href="http://123.hp.com">http://123.hp.com</a>
<b>Compatible Operating Systems</b>	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina
<b>Technical features</b>	ADF; AirPrint; Automatic two-sided printing; Compact size; ENERGY STAR®; HP Auto-On/Auto-Off; HP ePrint; JetIntelligence Toners; Scan-to-cloud; Scan-to-email; Scan-to-folder; Walk-up USB (doc, ppt, pdf, jpg)
<b>Sustainable impact specifications</b>	Mercury-free
<b>Energy star certified</b>	Yes
<b>Ecolabels</b>	ENERGY STAR® certified
<b>Copy speed (black, normal quality, A4)</b>	Up to 38 cpm
<b>Copy speed black (normal, letter)</b>	Up to 40 cpm
<b>Copy speed black duplex (A4)</b>	Up to 31 cpm
<b>Copy speed black duplex (Letter)</b>	Up to 33 cpm
<b>Digital sending standard features</b>	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Scan-to-Sharepoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF
<b>Fax Resolution Black (best)</b>	Up to 300 x 300 dpi
<b>Faxing</b>	Yes
<b>Scan speed (normal, A4)</b>	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/35 ipm (color)
<b>Scan speed (normal, letter)</b>	Up to 31 ppm/49 ipm (b&w), up to 21 ppm/37 ipm (color)
<b>Scan technology</b>	Contact Image Sensor (CIS)
<b>Scanner type</b>	Flatbed, ADF
<b>Display area (imperial)</b>	3.74 x 2.12 in
<b>Display area (metric)</b>	95 x 53.86 mm
<b>Display</b>	4.3" diagonal Color TFT-LCD back-lit 480 RGB (H) x 272 (V)
<b>Minimum dimensions (W x D x H)</b>	420 x 390 x 323 mm
<b>Minimum dimensions (W x D x H)</b>	16.5 x 15.3 x 12.7 in
<b>Weight</b>	13.01 kg (With Print Cartridge)
<b>Weight</b>	28.68 lb (With Print Cartridge)

**Power consumption**

525 watts (active printing), 10.1 watts (ready), 1.2 watts (sleep), 0.08 watts (auto-off/manual-on), 0.08 watts (manual off)

*( 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.)*

**Power supply type**

Internal (Built-in) power supply

**What's in the box**

HP LaserJet Enterprise MFP M430f printer; HP Black Original LaserJet Toner Cartridge (~3,000 pages); Getting started Guide; 1 Power cord<sup>[1]</sup>

**Manufacturer Warranty**

One-year, On-site Repair 24-hour / 7 day a week phone support

## Additional specifications

<b>Accessories</b>	HP LaserJet 550-sheet Feeder Tray D9P29A, HP JetDirect 3100w BLE/NFC/Wireless Accy 3JN69A, HP Jetdirect LAN Accessory 8FP31A, HP Accessibility Assistant 2MU47A, HP Accessibility Kit, includes HP prop handle for ADF lid, accessible keyboard, braille adhesives 2TD64A, HP Foreign Interface Harness B5L31A, HP Legic Reader 4QL32A, HP USB Universal Card Reader X3D03A, HP HIP2 Keystroke Reader Y7C05A, HP SmartCard NIPRNet Solution for US Government CC543B, HP HIP2 Card Reader Accessory Kit 8ZN00A
<b>Acoustic power emissions (active scan)</b>	6.0 B(A) @ 29 ipm
<b>Acoustic power emissions (active, printing)</b>	6.4 B(A) @ 38 ipm
<b>Acoustic power emissions (ready)</b>	Inaudible
<b>Acoustic power note</b>	Configuration tested: base model, simplex printing A4 paper at an average of 38 ipm
<b>Acoustic pressure emissions bystander (active scan)</b>	48 dB(A) @ 27 ipm
<b>Acoustic pressure emissions bystander (active, printing)</b>	54 dB(A) @ 38 ipm
<b>Acoustic pressure emissions bystander (ready)</b>	Inaudible
<b>Additional information about HP</b>	<a href="http://www.hp.com">http://www.hp.com</a>
<b>Additional information about HP in the countries</b>	<a href="http://hp.com">hp.com</a>
<b>Auto fax reduction supported</b>	Yes
<b>Automatic document feeder capacity</b>	Standard, 50 sheets
<b>Automatic paper sensor</b>	No
<b>Bit depth</b>	24-bit
<b>Blue Angel footnote</b>	[9] 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 and 230V for Blue Angel.
<b>Bottom margin (A4)</b>	2 mm
<b>Cable included</b>	No, please purchase USB cable separately.
<b>Capacity</b>	16 GB eMMC
<b>Cartons per layer</b>	6
<b>Certifications and compliances</b>	UL/cUL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI (Taiwan); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries.

<b>Color or black</b>	Black and white
<b>Color scanning</b>	Yes
<b>Compatible Network Operating Systems</b>	Windows 11; Windows Server; Linux; Citrix; UNIX; Novell
<b>Control panel</b>	4.3" Color Capacitive Touch Control Panel
<b>Count of layers in pallet</b>	5 (US); 4 (EMEA/AP)
<b>Country of origin</b>	Made in China; Made in Mexico (#201)
<b>Datasheet photo 4</b>	Publication photos/NA_M430f.jpg
<b>Distinctive ring detection supported</b>	No
<b>Downloadable software</b>	<p>From <a href="http://123.hp.com">http://123.hp.com</a>-, HP Easy Start (Guided Software Install for Windows and Mac) From <a href="http://hp.com">http://hp.com</a> for Windows OS- Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From <a href="http://hp.com">http://hp.com</a> for Mac OS- HP Mac OS Print Driver, HP Easy Admin, For Mobile OS- iOS For more information see <a href="http://hp.com/go/businessmobileprinting">http://hp.com/go/businessmobileprinting</a>, Android For more information see <a href="http://hp.com/go/businessmobileprinting">http://hp.com/go/businessmobileprinting</a>, From <a href="http://hp.com">http://hp.com</a> for printer administrators- Printer Administrator Resource Kit (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI &amp; PS GDI for Windows, SAP Print Drivers for more information see <a href="http://support.hp.com/us-en/document/c05051702">http://support.hp.com/us-en/document/c05051702</a>, HP Web JetAdmin, HP JetAdvantage Security Manager, HPLIP Linux Printer Driver for more information see <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a>, Unix Model Script Printer Driver for more information see <a href="http://hp.com/go/unixmodelscripts">http://hp.com/go/unixmodelscripts</a>, UPD PCL6 / PS Printer Drivers- For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a>, 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 <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a></p>
<b>Driver updates</b>	<p>Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to <a href="http://www.hp.com/support/">http://www.hp.com/support/</a> (country/region may need to be selected) Select "Support" Select "Software and Drivers" Select "Printer" Enter a product name/number (The operating system is automatically detected) Select a driver or other software, select "Download"</p>
<b>Duplex ADF scanning</b>	Yes, single pass duplexing ADF
<b>Dynamic security</b>	Dynamic security enabled printer
<b>Ecolabels footnote</b>	[4] EPEAT® registered where applicable. EPEAT registration varies by country. See <a href="http://www.epeat.net">http://www.epeat.net</a> for registration status by country.
<b>Electromagnetic compatibility</b>	CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010 +A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, FCC CFR 47 Part 15 Class A, ICES-003, Issue 6 Class A. Other EMC approvals as required by individual countries.
<b>Enhanced scanning resolution</b>	Up to 600 dpi

<b>Envelope Feeder</b>	No
<b>FCC Class A emissions</b>	FCC Class A emissions - for use in commercial environments, not residential environments
<b>Fax Auto Redial</b>	Yes
<b>Fax Broadcast Locations</b>	0
<b>Fax PC Interface Supported</b>	Yes, software not included
<b>Fax Polling</b>	Yes (poll to receive only)
<b>Fax Remote Retrieval</b>	No
<b>Fax Speed Dials, Maximum Number</b>	Up to 1000 numbers
<b>Fax Transmission Speed</b>	33.6 kbps (maximum); 14.4 kbps (default)
<b>Fax Transmission Speed Note</b>	[5] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
<b>Fax delayed sending</b>	No
<b>Fax forwarding</b>	Yes
<b>Fax memory</b>	Dependent on the amount of available disk space
<b>Fax memory</b>	Dependent on the amount of available disk space
<b>Fax phone TAM interface supported</b>	No
<b>Fax resolution black</b>	Up to 203 x 196 dpi; 256 levels of gray
<b>Fax telephone mode supported</b>	No
<b>Fax transmission speed (letter)</b>	3 sec per page <sup>[5]</sup>
<b>File Format Supported</b>	MTIFF; PDF; PDF/A; TIFF; XPS; JPEG
<b>Finished output handling</b>	Sheet feed
<b>First copy out black (A4)</b>	As fast as 7.2 sec
<b>First copy out black (A4, sleep)</b>	As fast as 9.9 sec
<b>First copy out black (letter)</b>	As fast as 6.8 sec
<b>First copy out black (letter, sleep)</b>	As fast as 9.5 sec
<b>First page out black (A4, ready)</b>	As fast as 6.5 sec
<b>First page out black (A4, sleep)</b>	As fast as 8.8 sec
<b>First page out black (letter, ready)</b>	As fast as 6.3 sec
<b>First page out black (letter, sleep)</b>	As fast as 8.6 sec
<b>First page out footnote</b>	[8] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, document complexity, media size, media orientation and media type.

<b>Fonts and typefaces</b>	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP PostScript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono World Type); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at <a href="http://www.hp.com/go/laserjetfonts">Http://www.hp.com/go/laserjetfonts</a>
<b>Input capacity</b>	Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)
<b>Internal Storage</b>	Not available on this product
<b>Junk fax barrier</b>	Yes, as blocked fax numbers
<b>Left margin (A4)</b>	2 mm
<b>Levels of grayscale</b>	256
<b>Mac compatible</b>	Yes
<b>Maximum Input Capacity (envelopes)</b>	Up to 900 sheets (with Optional 550-sheet tray)
<b>Maximum Memory</b>	2 GB
<b>Maximum dimensions (W x D x H)</b>	17.8 x 33 x 22.7 in (printer fully opened)
<b>Maximum dimensions (W x D x H)</b>	453 x 839 x 577 mm (printer fully opened)
<b>Maximum input capacity (sheets)</b>	Up to 10 envelopes
<b>Maximum output capacity (sheets)</b>	Up to 150 sheets
<b>Maximum print area</b>	212 x 352 mm
<b>Media size (ADF)</b>	letter; legal; oficio; executive; statement; A4; RA4; A5; B5; 5 x 7 in; 5 x 8 in
<b>Media size, tray 1</b>	A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; envelopes (B5, C5 ISO, C6, DL ISO); 76 x 127 to 216 x 356 mm
<b>Media size, tray 2</b>	A4; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm
<b>Media size, tray 3</b>	A4; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm
<b>Media sizes supported</b>	Tray 1: letter, legal, oficio, executive, statement, 4 x 6, 3 x 5, 5 x 7, 5 x 8, postcard (JIS), double postcard (JIS), 8.5 x 13, envelope (commercial No. 9, No. 10, Monarch); Custom: 3 x 5 to 8.5 x 14 in; Tray 2: letter, executive, statement, 5 x 7, 5 x 8, double postcard (JIS); Custom: 4.1 x 5.8 to 8.5 x 14 in; Optional Tray 3: letter, executive, statement, 5 x 7, 5 x 8, double postcard (JIS); Custom: 4.1 x 5.8 to 8.5 x 14 in
<b>Media sizes supported</b>	Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm; Optional Tray 3: A4; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm
<b>Media sizes supported, key</b>	10 x 15 cm; A4; Envelopes
<b>Media sizes supported, key</b>	4 x 6 in; Letter; Legal; Envelopes
<b>Media sizes, custom</b>	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.1 x 5.8 to 8.5 x 14 in; Optional Tray 3: 4.1 x 5.8 to 8.5 x 14 in
<b>Media sizes, custom</b>	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional Tray: 105 x 148 to 216 x 356 mm
<b>Media type and capacity, ADF</b>	Sheets: 50
<b>Media type and capacity, tray 1</b>	Sheets: 100; Envelopes: 10



<b>Media type and capacity, tray 2</b>	Sheets: 250
<b>Media type and capacity, tray 3</b>	Sheets: 550 (optional)
<b>Media types</b>	Paper (plain, ecoefficient, light, heavy, bond, colored, letterhead, pre-printed, pre-punched, recycled, rough); envelopes; labels
<b>Media weight (tray 1)</b>	60 to 200 g/m <sup>2</sup>
<b>Media weight (tray 2)</b>	60 to 120 g/m <sup>2</sup>
<b>Media weight (tray 3)</b>	60 to 120 g/m <sup>2</sup>
<b>Media weight, supported</b>	Tray 1: 60 to 200 g/m <sup>2</sup> ; tray 2, optional 550-sheet tray 3: 60 to 120 g/m <sup>2</sup>
<b>Media weight, supported</b>	Tray 1: 16 to 53 lb; tray 2, optional 550-sheet tray 3: 16 to 32 lb
<b>Media weights, supported ADF</b>	14 to 32 lb
<b>Media weights, supported ADF</b>	50 to 120 g/m <sup>2</sup>
<b>Memory</b>	2 GB
<b>Memory Slots</b>	None
<b>Memory footnote</b>	Memory not expandable
<b>Memory upgrade</b>	No Available
<b>Minimum System Requirements</b>	2 GB available hard disk space Internet connection or USB port Internet browser. For additional OS hardware requirements see microsoft.com
<b>Minimum System Requirements for Macintosh</b>	2 GB available hard drive space Internet connection or USB port Internet browser. For additional OS hardware requirements see apple.com
<b>Model number</b>	M430f
<b>Native scan file format</b>	PDF; GIF; JPG; MTIFF
<b>Number of print cartridges</b>	1 (black)
<b>Number of users</b>	3-10 Users
<b>Operating humidity range</b>	30 to 70% RH
<b>Operating temperature range</b>	15 to 32.5°C
<b>Operating temperature range</b>	50 to 90.5°F
<b>Output capacity</b>	Up to 150 sheets
<b>Package dimensions (W x D x H)</b>	497 x398 x 490 mm
<b>Package dimensions (W x D x H)</b>	19.57 x 15.67 x 19.29 in
<b>Package weight</b>	32.4 lb
<b>Package weight</b>	14.7 kg
<b>Page yield (set-up/inbox cartridges)</b>	In box cartridge yields ~3,000 black pages based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see: <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Pages may vary based on customer printing conditions and usage.
<b>Page yield footnote</b>	[3] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit: <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a>

<b>Pallet dimensions</b>	47.24 x 39.37 x 96.49 in
<b>Pallet dimensions (W x D x H)</b>	1200 x 1000 x 2451 mm
<b>Pallet weight</b>	974.27 lb
<b>Pallet weight</b>	441.92 kg
<b>Paper handling input, optional</b>	Optional third 550-sheet tray
<b>Paper handling input, standard</b>	100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF)
<b>Paper handling output, standard</b>	150-sheet output bin
<b>Paper trays, maximum</b>	3
<b>Paper trays, standard</b>	2
<b>Power</b>	110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier)
<b>Print Technology</b>	Laser
<b>Print colors</b>	No
<b>Print languages</b>	HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
<b>Print quality black (normal)</b>	Up to 600 x 600 dpi
<b>Print resolution black (fine lines)</b>	Up to 1200 x 1200 dpi
<b>Print speed black (Landscape, A5)</b>	Up to 63 ppm
<b>Print speed duplex (A4)</b>	Up to 31 ipm
<b>Print speed duplex (letter)</b>	Up to 33 ipm
<b>Print speed footnote (A5)</b>	[6] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
<b>Print speed footnote number (A5)</b>	[6]
<b>Print technology</b>	Laser
<b>Printer Management</b>	HP Printer Assistant, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);
<b>Processor speed</b>	800 MHz
<b>Product short name specifications</b>	HP LaserJet Enterprise MFP M430f, Black and white, Printer for Business, Print, copy, scan, fax, 50-sheet ADF; Two-sided printing; Two-sided scanning; Front-facing USB printing; Compact Size; Energy Efficient; Strong Security
<b>Quantity per pallet</b>	30 (US); 24 (EMEA/AP)
<b>RMN number</b>	BOISB-1900-01

<b>Recommended media weight (duplex)</b>	16 to 32 lb
<b>Recommended media weight (duplex)</b>	60 to 120 g/m <sup>2</sup>
<b>Recommended monthly page volume</b>	900 to 4,800 Pages
<b>Recommended monthly page volume note</b>	HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
<b>Recommended monthly scan volume</b>	900 to 4800
<b>Recommended operating humidity range</b>	10 to 90% RH
<b>Recommended operating temperature range</b>	15 to 27°C
<b>Recommended operating temperature range</b>	59 to 80.6°F
<b>Replacement cartridges footnote</b>	[2] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a>
<b>Resolution</b>	600 dpi
<b>Resolution (black and white, standard mode)</b>	203 x 98 dpi
<b>Resolution (black and white, superfine mode)</b>	Up to 203 x 392 or 300 x 300 dpi; 256 levels of gray
<b>Resolution (black photo grayscale)</b>	300 x 300 dpi (halftone)
<b>Right margin (A4)</b>	2 mm
<b>Safety</b>	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; IEC 62471:2006 / EN 62471:2008; IEC 62368-1:2014; EN 62368-1:2014 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.
<b>Scan resolution, hardware</b>	Up to 600 x 600 dpi
<b>Scan resolution, optical</b>	Up to 600 dpi
<b>Scan size (ADF), maximum</b>	8.5 x 14 in
<b>Scan size (ADF), maximum</b>	216 x 356 mm
<b>Scan size (ADF), minimum</b>	5 x 7 in.
<b>Scan size (ADF), minimum</b>	127 x 178 mm
<b>Scan size, maximum</b>	8.5 x 11.7 in

<b>Scan size, maximum</b>	216 x 297 mm
<b>Scan speed duplex (normal, A4)</b>	Up to 46 ipm (b&w), up to 35 ipm (color)
<b>Scan speed duplex (normal, letter)</b>	Up to 49 ipm (b&w), up to 37 ipm (color)
<b>Scan speed footnote</b>	[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
<b>Security management</b>	Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, Optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-shared Key, Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP; EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
<b>Segment (filter)</b>	Business
<b>Standard media sizes (duplex)</b>	A4; RA4; Oficio (216 x 340 mm)
<b>Standard media sizes (duplex, imperial)</b>	Letter; Legal; Oficio (8.5 x 13 in)
<b>Standard output capacity (envelopes)</b>	Up to 10 envelopes
<b>Storage device and direct print support</b>	Front-facing USB/Flash drive; USB Printing
<b>Storage temperature range</b>	-20 to 40°C
<b>Storage temperature range</b>	-4 to 104°F
<b>Target user and print volume</b>	For teams up to 10 users; Prints up to 4,000 pages/month
<b>Tariff numbers</b>	8443310000; 8443310000; 84433131
<b>Technology logo 1</b>	Publication logos/AMS_EnergyStar.jpg
<b>Technology logo 2</b>	Publication logos/AMS_windows_10.jpg
<b>Technology logo 3</b>	Publication logos/AMS_mac_hires.jpg
<b>Technology logo 4</b>	Publication logos/AMS_Mopria.jpg
<b>Technology logo 5</b>	Publication logos/AMS_AirPrint.jpg
<b>Technology logo 6</b>	Publication logos/AMS_Epeat silver.jpg
<b>Telecom compliance (fax capability)</b>	Telecom Wired: FCC Rules and Regulations 47 CFR Part 68. ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.
<b>Telephone handset supported</b>	No
<b>Top key features</b>	50-sheet ADF; Two-sided printing; Two-sided scanning; Front-facing USB printing; Compact Size; Energy Efficient; Strong Security

<b>Top margin (A4)</b>	2 mm
<b>Twain version</b>	Version 2.1
<b>Typical electricity consumption (TEC) footnote</b>	[10] Sample Data: Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
<b>Typical electricity consumption (TEC) number</b>	0.463 kWh/week (Energy Star 3.0) <sup>[10]</sup>
<b>UNSPSC code</b>	43212110
<b>UPC number</b>	195697945793
<b>Warm-up time</b>	180 sec
<b>Web address for additional information</b>	Solutions: <a href="http://www.hp.com/go/gsc">http://www.hp.com/go/gsc</a> ; Fonts and IPDS Emulation: <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a> ; HP Web Jetadmin: <a href="http://www.hp.com/go/wja">http://www.hp.com/go/wja</a> ; HP Universal Print Driver: <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a> ; HP Imaging & Printing Security Center: <a href="http://www.hp.com/go/ipsc">http://www.hp.com/go/ipsc</a> ; On Demand Cloud Solutions: <a href="http://www.hpjetadvantage.com/ondemand">http://www.hpjetadvantage.com/ondemand</a>
<b>What is in the box footnote</b>	[1] For yield information on the cartridge included with your printer, see <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

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*[1] For yield information on the cartridge included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.*

*[2] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/toneryield>*

*[5] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.*

*[10] Sample Data: Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).*

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## Services

### HP Care Pack Services

★ : Recommended

#### Imaging and Printing Hardware Support Onsite Svc

HP 3 year Next Business Day w/DMR Service for LaserJet Enterprise MFPM43x	U11D7E ★
HP 3 year 4 hour 9x5 w/DMR Service for LaserJet Enterprise MFP M43x	U11DBE ★
HP 1 year PAYS Post Warranty Next Business Day Service with DMR for LaserJet Ent MFP M430	U23GVPE
HP 1 year Post Warranty 4 hour 9x5 w/DMR Service for LaserJet EnterpriseMFP M43x	U11DTPE
HP 1 year Post Warranty Next Business Day w/DMR Service for LaserJetEnterprise MFP M43x	U11DRPE
HP 4 year 4 hour 9x5 w/DMR Service for LaserJet Enterprise MFP M43x	U11DCE
HP 4 year Next Business Day w/DMR Service for LaserJet Enterprise MFPM43x	U11D8E
HP 5 year 4 hour 9x5 w/DMR Service for LaserJet Enterprise MFP M43x	U11DDE
HP 5 year Next Business Day w/DMR Service for LaserJet Enterprise MFPM43x	U11D9E

#### Imaging and Printing Commercial Care Pack Services

HP Installation Service with network configuration for Workgroup Printer(1 unit)	U9JT2E ★
HP 1 year Post Wty Parts Exchange Service for LaserJet Enterprise MFPM43x	U11DZPE
HP 1 year Print At Your Service Supplies Renewal up to 2000 pages per month LaserJet	U9PW5PE
HP 1 year Print At Your Service Supplies Renewal up to 3500 pages per month LaserJet Service	UC6T9PE
HP 3 year Parts Exchange Service for LaserJet Enterprise MFP M43x	U11DME
HP 4 year Parts Exchange Service for LaserJet Enterprise MFP M43x	U11DNE
HP 5 year Parts Exchange Service for LaserJet Enterprise MFP M43x	U11DQE

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 58A Black Original LaserJet Toner Cartridge	CF258A
HP 58X High Yield Black Original LaserJet Toner Cartridge	CF258X

## Accessories

### Accessory Bundles

★ : Recommended

#### Printer Accessibility Accessories

HP Accessibility Kit	2TD64A
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### Cables/Cable Kits/Cable Adapters

#### Printer Cables

HP Foreign Interface Harness	B5L31A
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### Security and Protection

#### Smart Cards and SmartCard Readers

HP HIP2 Keystroke Reader	Y7C05A
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HP Legic Secure USB Reader	4QL32A
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HP SmartCard NIPRNet Solution for US Government	CC543B
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HP USB Universal Card Reader	X3D03A
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### Network Print Servers

#### External Print Servers

HP Jetdirect 3100w BLE/NFC/Wireless Accessory	3JN69A
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#### Internal Print Servers

HP Jetdirect LAN Accessory	8FP31A
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### Paper Handling

#### Input Trays

HP LaserJet Pro 550-sheet Feeder Tray	D9P29A
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# Solutions

## Imaging and Printing Solutions

★ : Recommended

### Printing SW Solution Licenses

HP HIP2 Card Reader Accessory Kit	8ZN00A
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