



# HP LaserJet Enterprise MFP M430 series

HP's entry-level Enterprise-class MFP with speeds up to 42 ppm<sup>9</sup> and strongest security.<sup>1</sup>

This printer uses dynamic security, which may be updated periodically by firmware updates. The printer is intended to be used solely with cartridges using an original HP chip. Cartridges using a non-HP chip may not function or may cease to function. More at: [www.hp.com/learn/ds](http://www.hp.com/learn/ds)



HP LaserJet Enterprise MFP M430f

## 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.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>3</sup>
- Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.
- Set up this MFP fast, and easily manage device settings to help increase efficiency.

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

- The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.
- Common Criteria certified<sup>4</sup> to continually monitor memory activity to detect and stop attacks in real time.
- Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.
- The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.

## 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.
- Optimize workflows, reduce steps and errors, and support mobile workers with optional MFP apps that meet your specific business needs.
- Help ensure the security of confidential information with PIN/Pull printing to retrieve print jobs.
- Stay connected with an optional accessory for wireless,<sup>6</sup> Bluetooth® Low Energy, and NFC touch-to-print.

## 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>
- Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business.<sup>8</sup>
- Save energy without sacrificing performance—this MFP is ENERGY STAR® and Blue Angel certified.
- Remove barriers and help meet compliance and accessibility standards with the HP Accessibility Kit (includes Braille overlay and tactile adhesives, an HP Access Handle, and BigKeys LX Keyboard) and compatibility with HP Accessibility Assistant.

<sup>1</sup> 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)

<sup>2</sup> Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, for example, physical product characteristics limit the functionality of the new feature.

<sup>3</sup> HP Web Jetadmin is free and available for download at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin)

<sup>4</sup> Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: <https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf>

<sup>5</sup> Use of the HP Trusted Platform Module may require a firmware upgrade.

<sup>6</sup> Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.

<sup>7</sup> Dependent upon country setup specifications.

<sup>8</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit [hp.com/go/roam](http://hp.com/go/roam)

<sup>9</sup> 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.

## Product walkaround

1. 4.3-inch (10.9 cm) color touchscreen
2. Easy-access USB port<sup>6</sup>
3. 150-sheet output bin
4. Automatic two-sided printing (default)<sup>1</sup>
5. 100-sheet multipurpose input tray 1
6. 250-sheet input tray 2
7. 50-sheet automatic document feeder (ADF)
8. Convenient front on/off switch
9. Right door, access to print path
10. Front door, access to Original HP Toner cartridges with JetIntelligence
11. Hi-Speed USB 2.0 port for third-party devices
12. Hi-Speed USB 2.0 printing port
13. Gigabit Ethernet network port



## Series at a glance



Model	HP LaserJet Enterprise MFP M430f
Product number	3PZ55A
Print speed (Letter/A4) <sup>2</sup>	Up to 40/38 ppm (default); 42/40 ppm (HP High Speed)
First page out (Letter/A4) <sup>3</sup>	As fast as 6.3/6.5 seconds
Control panel	4.3" (10.9 cm) color touchscreen
Memory	2 GB
Storage	16 GB eMMC
Automatic two-sided printing (default) <sup>1</sup>	√
Input capacity (standard/maximum)	Up to 350/900 sheets
100-sheet input tray 1	√
250-sheet input tray 2	√
550-sheet input tray 3	Optional
Recommended monthly page volume (RMPV) <sup>4</sup>	900 to 4,800 pages
Duty cycle	Up to 100,000 pages
Cartridge yields	3,000 pages (A) or 10,000 pages (X)
Dual-band Wi-Fi with Bluetooth® Low Energy, Wi-Fi Direct <sup>5</sup>	Optional
ENERGY STAR® qualified	√

<sup>1</sup> Automatic two-sided printing dependent upon country setup specifications.

<sup>2</sup> Measured using ISO/IEC 24734 Office Suite and Feature Tests, excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, document complexity, media size, media orientation, and media type. HP High Speed may require firmware upgrade to enable.

<sup>3</sup> First page out measured using ISO/IEC 17629. For more information see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>4</sup> 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.

<sup>5</sup> Mobile device needs to be connected directly to the signal of a Wi-Fi Direct supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance. For details, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting).

<sup>6</sup> An administrator must enable the easy-access USB port before use.

## 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. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: [hp.com/go/cpc](http://hp.com/go/cpc)

## Top features

Set up work teams for success without adding more to your plate. Help people handle business wherever it happens while giving IT fleet-wide control it needs, using a compact MFP built for simple use and management.

HP printers have the industry's strongest security<sup>1</sup> because they're always on guard, continually stopping threats while adapting to new ones. And only HP printers can automatically self-heal from attacks, so IT doesn't need to intervene.

Simplify collaboration and productivity with a streamlined MFP that supports how people work today: fast, nimble, and connected. Print sharp text and graphics businesses need to look professional day in and day out, plus scan and copy with ease.

Business is all about resource management, and finding efficiencies is everyone's responsibility. This compact MFP is designed for low energy use, to help people complete tasks quickly while conserving wherever possible.

### Accessories

<b>2MU47A</b>	HP Accessibility Assistant
<b>2TD64A</b>	HP Accessibility Kit
<b>3JN69A</b>	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
<b>4CL32A</b>	HP Legic Secure USB Reader
<b>8FP31A</b>	HP Jetdirect LAN Accessory
<b>B5L31A</b>	HP Foreign Interface Harness
<b>CC543B</b>	HP SmartCard NIPRNet Solution for US Government
<b>D9P29A</b>	HP LaserJet Pro 550-sheet Feeder Tray
<b>X3D03A</b>	HP Universal USB Proximity Card Reader
<b>Y7C05A</b>	HP HIP2 Keystroke Reader

### Supplies

<b>CF258A</b>	HP 58A Black Original LaserJet Toner Cartridge (3,000 pages)
<b>CF258X</b>	HP 58X High Yield Black Original LaserJet Toner Cartridge (10,000 pages)

### Solutions

**Overview:** The HP Solutions portfolio provides a broad array of solutions designed to work with many HP printers and MFPs. They can help improve productivity, safeguard your data, and drive down costs. Helping employees and your IT team work more efficiently.

**Workflow:** Enable direct access to digital content and workflows from the MFP control panel to streamline document-intensive processes and help improve user productivity.

**Security:** HP JetAdvantage Security Manager fleet security compliance and management; HP Access Control; HP JetAdvantage Secure Print; Card readers; Secure Encrypted Print (UPD)

**Mobile and universal print:** HP Universal Print Driver (UPD); HP Print for Chrome; HP Roam for Business; HP ePrint; HP PrinterOn Enterprise

**Management:** HP Web JetAdmin; HP JetAdvantage Security Manager; HP JetAdvantage Insights

### Services

<b>U11D7E</b>	- HP 3y NBD LJ Ent MFP M43x SVC
<b>U11D8E</b>	- HP 4y NBD LJ Ent MFP M43x SVC
<b>U11D9E</b>	- HP 5y NBD LJ Ent MFP M43x SVC
<b>U11DBE</b>	- HP 3y 4h 9x5 LJ Ent MFP M43x SVC
<b>U11DCE</b>	- HP 4y 4h 9x5 LJ Ent MFP M43x SVC
<b>U11DDE</b>	- HP 5y 4h 9x5 LJ Ent MFP M43x SVC
<b>U11DFE</b>	- HP 3y 4h 13x5 LJ Ent MFP M43x SVC
<b>U11DGE</b>	- HP 4y 4h 13x5 LJ Ent MFP M43x SVC
<b>U11DHE</b>	- HP 5y 4h 13x5 LJ Ent MFP M43x SVC
<b>U11DJE</b>	- HP 3y NBDOnsiteExch LJ Ent MFP M43x SVC
<b>U11DKE</b>	- HP 4y NBDOnsiteExch LJ Ent MFP M43x SVC
<b>U11DLE</b>	- HP 5y NBDOnsiteExch LJ Ent MFP M43x SVC
<b>U11DME</b>	- HP 3y ChnlPartsOnly LJ Ent MFP M43x SVC
<b>U11DNE</b>	- HP 4y ChnlPartsOnly LJ Ent MFP M43x SVC
<b>U11DQE</b>	- HP 5y ChnlPartsOnly LJ Ent MFP M43x SVC
<b>U11DRPE</b>	- HP 1y PW NBD LJ Ent MFP M43x SVC
<b>U11DSPE</b>	- HP 2y PW NBD LJ Ent MFP M43x SVC
<b>U11DTPE</b>	- HP 1y PW 4h 9x5 LJ Ent MFP M43x SVC
<b>U11DVPE</b>	- HP 2y PW 4h 9x5 LJ Ent MFP M43x SVC
<b>U11DWPE</b>	- HP 1y PW 4h 13x5 LJ Ent MFP M43x SVC
<b>U11DXPE</b>	- HP 2y PW 4h 13x5 LJ Ent MFP M43x SVC
<b>U11DYPE</b>	- HP 1yPW NBDOnsiteExch LJ Ent MFP M43x SVC
<b>U11DZPE</b>	- HP 1yPWChnlPartsOnly LJ Ent MFP M43x SVC
<b>U11E0PE</b>	- HP 2yPWChnlPartsOnly LJ Ent MFP M43x SVC
<b>U9JT3E</b>	- HP Inst SVC w/nw Department Printer



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<b>Model</b>	HP LaserJet Enterprise MFP M430F
<b>Product number</b>	3PZ55A
<b>AIO functions</b>	Print, copy, scan, fax
<b>Print</b>	
<b>Print speed<sup>8,9,7</sup></b>	<b>First page out Letter:</b> As fast as 6.3 sec Black; <b>First page out A4:</b> As fast as 6.5 sec Black; <b>Letter:</b> Up to 40 ppm (default); Up to 42 ppm (HP high speed mode) Black; <b>A4:</b> Up to 38 ppm (default); Up to 40 ppm (HP high speed mode) Black; <b>2-sided Letter:</b> Up to 33 ipm Black; <b>2-sided A4:</b> Up to 31 ipm Black; <b>Print speed (Landscape, A5):</b> Up to 63 ppm Black
<b>Print resolution</b>	<b>Black (best)</b> Up to 1200 x 1200 dpi; <b>Black (normal)</b> Up to 600 x 600 dpi; <b>Black (fine lines)</b> Up to 1200 x 1200 dpi
<b>Print technology</b>	Laser; <b>Print resolution technology:</b> 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200
<b>Print cartridges number</b>	1 (black)
<b>Standard print languages</b>	HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
<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>Printer management</b>	HP Printer Assistant, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP Web JetAdmin), HP WS Pro Proxy Agent (Part of HP Web JetAdmin), Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);
<b>Scan</b>	
<b>Scan type / Technology</b>	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Contact Image Sensor (CIS); <b>Twain version:</b> Version 2.1
<b>Scan resolution</b>	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi
<b>Scan Size</b>	<b>ADF:</b> 216 x 356 mm Maximum; 127 x 178 mm Minimum; <b>Flatbed:</b> 216 x 297 mm
<b>Scan speed<sup>12</sup></b>	Up to 29 ppm/46 ipm (b&w) Letter; Up to 29 ppm/46 ipm (b&w) A4; <b>Duplex:</b> Up to 49 ipm (b&w) Letter; Up to 46 ipm (b&w) A4
<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; PDF; GIF; JPG; MTIFF
<b>Bit depth / Grayscale levels</b>	24-bit / 256
<b>Digital sending standard features</b>	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; 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>Copy</b>	
<b>Copy speed</b>	<b>Letter:</b> Up to 40 cpm Black; <b>A4:</b> Up to 38 cpm Black; <b>First copy out Letter:</b> As fast as 6.8 sec Black; <b>First copy out A4:</b> As fast as 7.2 sec Black; <b>2-sided Letter:</b> Up to 33 cpm Black; <b>2-sided A4:</b> Up to 31 cpm Black
<b>Fax</b>	
<b>Fax speed<sup>6</sup></b>	3 sec per page <b>Up to:</b> 33.6 kbps (maximum); 14.4 kbps (default)
<b>Fax resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi; <b>Black (standard):</b> 203 x 98 dpi
<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>Fax Features</b>	<b>Fax memory:</b> Dependent on the amount of available disk space; <b>Auto fax reduction supported:</b> Yes; <b>Auto-redialing:</b> Yes; <b>Fax delayed sending:</b> No; <b>Distinctive ring detection supported:</b> No; <b>Fax forwarding supported:</b> Yes; <b>Fax phone TAM interface supported:</b> No; <b>Fax polling supported:</b> Yes (poll to receive only); <b>Fax telephone mode supported:</b> No; <b>Junk barrier supported:</b> Yes, as blocked fax numbers; <b>Maximum speed dialing numbers:</b> Up to 1000 numbers; <b>PC interface supported:</b> Yes, software not included; <b>Remote retrieval capability supported:</b> No; <b>Telephone handset supported:</b> No
<b>Connectivity</b>	
<b>Standard connectivity</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>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<sup>5</sup></b>	HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print
<b>Memory</b>	<b>Standard:</b> 2 GB; <b>Maximum:</b> 2 GB
<b>Processor speed</b>	800 MHz / <b>Storage:</b> 16 GB eMMC / <b>Hard disk:</b> Not available on this product
<b>Duty cycle (monthly)</b>	<b>Letter:</b> Up to 100,000 pages; <b>A4:</b> Up to 100,000 pages; <b>Recommended monthly page volume:</b> 900 to 4,800 Pages

# HP LaserJet Enterprise MFP M430 series

<b>Model</b>	HP LaserJet Enterprise MFP M430f
<b>Product number</b>	3PZ55A
<b>Paper handling</b>	
Input	100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF); Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets) Standard; Up to 900 sheets (with Optional 550-sheet tray)
Output	Standard: 150-sheet output bin; Up to 150 sheets Standard
Duplex Options	Automatic (default)
Auto document feeder capacity	Standard, 50 sheets
Auto document feeder capacity	Standard, 50 sheets; <b>Duplex ADF scanning:</b> Yes, single pass duplexing ADF
Envelope feeder	No
Standard paper trays	2
Media types	Paper (plain, ecoefficient, light, heavy, bond, colored, letterhead, pre-printed, pre-punched, recycled, rough); envelopes; labels
Media weight	Tray 1: 60 to 175 g/m <sup>2</sup> ; tray 2, optional 550-sheet tray 3: 60 to 120 g/m <sup>2</sup>
Media sizes	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
Media Sizes Custom	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>Dimensions (w x d x h)</b>	16.5 x 15.3 x 12.7 in.; 420 x 390 x 323 mm; <b>Maximum:</b> 17.8 x 33 x 22.7 in (printer fully opened); 453 x 839 x 577 mm (printer fully opened)
<b>Weight</b>	28.68 lb; 13.01 kg
<b>What's in the box<sup>1</sup></b>	HP LaserJet Enterprise MFP M430f printer; HP Black Original LaserJet Toner Cartridge (~3,000 pages); Getting started Guide; 1 Power cord
<b>Replacement cartridges<sup>2</sup></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
<b>Warranty features</b>	One-year, On-site Repair 24-hour / 7 day a week phone support
<b>Energy star certified</b>	Yes
<b>Energy efficiency compliance<sup>4</sup></b>	EPEAT® Silver; CEEC; ENERGY STAR® certified
<b>Control panel</b>	4.3" Color Capacitive Touch Control Panel
<b>Display</b>	4.3" diagonal Color TFT-LCD back-lit 480 RGB (H) x 272 (V)
<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://1123.hp.com">http://1123.hp.com</a>
<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>
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 <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 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/lpd">www.hp.com/go/lpd</a>
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SPT1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see <a href="http://citrixready.citrix.com">http://citrixready.citrix.com</a> , Linux- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> and <a href="http://hp.com/go/linuxmodelscrips">http://hp.com/go/linuxmodelscrips</a> , Linux- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> , Unix- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> , Unix- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a>
Minimum system requirements	<b>PC:</b> 2 GB available hard disk space Internet connection or USB port Internet browser. For additional OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ; <b>Mac:</b> 2 GB available hard drive space Internet connection or USB port Internet browser. For additional OS hardware requirements see <a href="http://apple.com">apple.com</a>
<b>Power<sup>11</sup></b>	<b>Power supply type:</b> Internal (Built-in) power supply; <b>Power supply required:</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>Power consumption:</b> 525 watts (active printing), 10.1 watts (ready), 1.2 watts (sleep), 0.08 watts (auto-off/manual-on), 0.08 watts (manual off); <b>Typical electricity consumption (TEC number):</b> 1.222 kWh/week (Blue Angel); 0.463 kWh/week (Energy Star 3.0)
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.4 B(A) @ 38 ipm
<b>Operating environment</b>	<b>Operating temperature range:</b> 15 to 32.5°C; <b>Recommended operating temperature:</b> 15 to 32.5°C; <b>Storage temperature range:</b> -20 to 40°C; <b>Operating humidity range:</b> 30 to 70% RH; <b>Recommended operating humidity range:</b> 10 to 90% RH
<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 WPA- 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

<sup>1</sup> 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.

<sup>2</sup> 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>

<sup>3</sup> 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>

<sup>4</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

<sup>5</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customer can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB. Subscription may be required. For more information, visit <http://www.hp.com/go/roam>

<sup>6</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

<sup>7</sup> Measured using ISO/IEC 24734 Feature Performance Test, 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.

<sup>8</sup> 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.

<sup>9</sup> 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.

<sup>10</sup> 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.

<sup>11</sup> Sample Data: Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

<sup>12</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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