

# HP LaserJet Enterprise MFP M528 series



Handle business solutions securely, plus help conserve energy with HP EcoSmart toner

Choose an HP LaserJet Enterprise MFP designed to handle business solutions securely and efficiently, and helps conserve energy with HP EcoSmart toner black. Keep up with the demands of growing business with a printer you can rely on.<sup>8</sup>



HP LaserJet Enterprise Flow MFP M528c



HP LaserJet Enterprise Flow MFP M528z



HP LaserJet Enterprise MFP M528dn



HP LaserJet Enterprise MFP M528f

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

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks.
- Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.

### Low costs, low energy use

- Stay productive with reliable cartridges, and help save energy while printing with HP EcoSmart black toner.<sup>8</sup>
- Spend less time replacing toner, and more on business. Choose optional high-yield toner cartridges.<sup>2</sup>
- Enhanced energy savings—up to 29% over prior products<sup>9</sup> plus save with Auto-on/Auto-off technology.<sup>3</sup>
- This MFP fits in tight places to boost performance in almost any workspace.

### Your whole fleet. At your control.

- Centralize control of your printing environment with HP Web Jetadmin<sup>4</sup>—and help build business efficiency.
- Gain insights into print costs, behaviors, utilization to drive efficiencies with this cloud-based printer.
- Set security configuration policies and automatically validate settings for every HP printer in your fleet.<sup>5</sup>
- Submit print jobs on the go and securely release them at any HP Roam-enabled office printer, securely.<sup>7</sup>

### 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 100 pages into the automatic document feeder for fast, unattended scanning.<sup>6</sup>

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.  
<http://www.hp.com/go/learnaboutsupplies>

<sup>1</sup> Based on HP review of 2018 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 [hp.com/go/PrintersThatProtect](http://www.hp.com/go/PrintersThatProtect). For more information: <http://www.hp.com/go/printersecurityclaims> <sup>2</sup> High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately <sup>3</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings. <sup>4</sup> HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin> <sup>5</sup> HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit <http://www.hp.com/go/securitymanager> <sup>6</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <sup>7</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://www.hp.com/go/roam) <sup>8</sup> HP calculations based on Energy Star normalized TEC data comparing the HP LaserJet 500 series monochrome printers introduced in spring 2019 HP 89A/X/Y compared to HP 87A/X.

## Product walkaround

- 100-sheet ADF with single-pass, two-sided scanning and HP EveryPage<sup>1</sup>
- 2nd generation Hardware Integration Pocket<sup>2</sup>
- Easy-access USB port<sup>3</sup>
- 250-sheet output bin
- Top cover (access to Original HP JetIntelligence toner cartridge)
- 100-sheet multipurpose tray 1 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)
- 550-sheet input tray 2 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)
- 8.0-inch (20.3 cm) pivoting color touchscreen
- Pull-out keyboard<sup>4</sup>
- Convenience stapler<sup>4</sup>
- Automatic two-sided printing
- Dual-band Wi-Fi<sup>5</sup> with Bluetooth<sup>6</sup> Low Energy<sup>5</sup>
- Slot for cable-type security lock
- Gigabit Ethernet
- Hi-Speed USB 2.0 printing port
- USB port for connecting external USB devices



## Series at a glance



Model	HP LaserJet Enterprise Flow MFP M528c	HP LaserJet Enterprise Flow MFP M528z	HP LaserJet Enterprise MFP M528dn	HP LaserJet Enterprise MFP M528f
Product number	1PV66A	1PV67A	1PV64A	1PV65A
Functions	Print, scan, copy, fax	Print, scan, copy, fax	Print, scan, copy, (fax optional)	Print, scan, copy, fax
Print speed (black) <sup>6</sup>	Up to 45/43 pages per minute (ppm) (letter/A4) (all models)			
Convenience stapler <sup>4</sup>	√	√	Not available	√
Advanced workflow features <sup>1</sup>	√	√	Not available	Not available
100-sheet multipurpose tray 1, 550-sheet input tray 2	√	√	√	√
Optional 550-sheet paper tray	Add up to three (all models)			
Optional printer cabinet	Add up to one (all models)			
Input capacity (standard/max <sup>7</sup> )	Up to 650/2,300 sheets (all models)			
RMPV <sup>8</sup>	2,000 to 7,500 pages (all models)			
Cartridge yield <sup>9</sup>	Black: ~5,000/10,000/20,000 (standard/high-yield/extra-high-yield)(all models)			
HP High-Performance Secure Hard Disk <sup>10</sup>	√	√	Optional	√
Wireless direct printing <sup>11</sup> /NFC touch-to-print <sup>12</sup>	Optional	Built-in wireless direct printing; optional NFC touch-to-print	Optional	Optional
Dual-band Wi-Fi <sup>5</sup> with Bluetooth <sup>6</sup> Low Energy <sup>5</sup>	Optional	Built-in	Optional	Optional

<sup>1</sup> Advanced workflow features are available on the Flow MFP M528c and M528z models only and include HP EveryPage, a pull-out keyboard, embedded capture functionality, built-in OCR, plus automatic page orientation, cropping, and tone adjustment. <sup>2</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. The HP LaserJet Enterprise MFP M528 series comes with a second-generation HIP. <sup>3</sup> An administrator must enable the easy-access USB port before use. <sup>4</sup> The convenience stapler is only available on the MFP M528f, Flow MFP M528c, and Flow MFP M528z models. <sup>5</sup> Dual-band Wi-Fi<sup>5</sup> with Bluetooth<sup>6</sup> Low Energy is standard on the Flow MFP M528z model and optional on all other models with the addition of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (U8031A). Wireless operations are compatible with 2.4 GHz and 5 GHz operations only. Wi-Fi is a registered trademark of Wi-Fi Alliance<sup>®</sup>. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). <sup>6</sup> Measured using ISO/IEC 24734, 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, and document complexity. <sup>7</sup> Purchase of optional paper trays required to reach maximum input capacity. <sup>8</sup> Recommended Monthly Page Volume: HP recommends that the number of printed pages per month 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>9</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>10</sup> The encrypted HP High-Performance Secure Hard Disk is optional on the HP LaserJet Enterprise MFP M528dn model and is standard on the HP LaserJet Enterprise MFP M528f, Flow MFP M528c, and Flow MFP M528z models. <sup>11</sup> Wireless direct printing is standard on the Flow MFP M528z model and optional on all other models with the addition of the HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting). <sup>12</sup> Touch-to-print capability requires purchase of the optional HP Jetdirect 3100w BLE/NFC/Wireless Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting).

## 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

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

Good resource management is good business. Help reduce costs and energy use with an HP LaserJet designed to be more efficient than its predecessors, using HP JetIntelligence toner cartridges. HP, like you, is committed to keeping business moving.

Every business values a problem solver. Help get more control with a robust management system and solutions that keep up with modern business.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 60 ipm<sup>4</sup>—and avoid extra steps with a Flow MFP designed for maximum productivity.

### Accessories

1PV95A	HP Internal USB Ports Qty 100 for M507 and M528
2EH31A	HP MFP Analog Fax Accessory 700
2MU47A	HP Accessibility Assistant
2NR12A	HP Removable Hard Drive Enclosure
2TD64A	HP Accessibility Kit
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
E5K48A	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
E5K49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
F2A72A	HP LaserJet 550-sheet Paper Tray
F2A73A	HP LaserJet Printer Cabinet
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
J8031A	HP Jetdirect 2900nw Print Server
5EL03A	HP TAA Version Secure Hard Disk Drive
A7W14A	HP LaserJet Keyboard Overlay Kit Sweden
X3D03A	HP USB Universal Card Reader
Y7C05A	HP HIP2 Keystroke Reader
4QL32A	HP Legic Card Reader

### Supplies

CF289A	HP 89A Black Original LaserJet Toner Cartridge
CF289X	HP 89X High Yield Black Original LaserJet Toner Cartridge
CF289Y	HP 89Y Extra High Yield Black Original LaserJet Toner Cartridge

### Services

UB7B4E	HP 5 years Next Business Day w/DMR LaserJet M528 SVC
UB7B7E	HP 5 years 4 hours 9x5 w/DMR LaserJet M528 SVC
UB7C5PE	HP 2 years PW Next Business Day w/DMR LaserJet M528 SVC
UB7C7PE	HP 2 years PW w/DMR 4 hours 9x5 LaserJet M528 SVC

<sup>1</sup> Based on HP review of 2018 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 [hp.com/go/PrintersThatProtect](http://hp.com/go/PrintersThatProtect). For more information: <http://www.hp.com/go/printersecurityclaims> <sup>2</sup> High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately <sup>3</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings. <sup>4</sup> HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin> <sup>5</sup> HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit <http://www.hp.com/go/securitymanager> <sup>6</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

# HP LaserJet Enterprise MFP M528 series

Technical Specifications	HP LaserJet Enterprise Flow MFP M528c(1PV66A)	HP LaserJet Enterprise Flow MFP M528z(1PV67A)	HP LaserJet Enterprise MFP M528dn(1PV64A)	HP LaserJet Enterprise MFP M528f(1PV65A)
AIO functions	Print, copy, scan, fax		Print, copy, scan and optional fax	Print, copy, scan, fax
Print speed	<b>A4:</b> Up to 43 ppm; <b>Letter:</b> Up to 45 ppm black; <sup>15</sup> <b>First Page Out Black:</b> As fast as 6 sec; <sup>13</sup>			
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi			
Print Technology	Laser; <b>Print Resolution Technologies:</b> 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200			
Print Cartridges Number	1 (black)			
Standard Print Languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™			
Printer Smart Software Features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB			
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 Type / Technology	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Contact Image Sensor (CIS)			
Scan Resolution	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi			
Scan File Format	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (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, .cvt)		PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	
Scan Input Modes	Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OXP) applications			
Scan Size	<b>ADF:</b> 216 x 864 mm; 8.5 x 34.0 in Maximum; 101.6 x 148 mm; 4 x 5.8 in Minimum; <b>Flatbed:</b> 216 x 356 mm; Up to 45 ppm/64 ipm (b&w), up to 45 ppm/58 ipm (color)		<b>ADF:</b> 216 x 864 mm; 8.5 x 34.0 in Maximum; 101.6 x 148 mm; 4 x 5.8 in Minimum; <b>Flatbed:</b> 216 x 356 mm; Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color)	
Scan Speed	Up to 45 ppm/64 ipm (b&w), up to 45 ppm/58 ipm (color) <sup>12</sup> ; <b>Duplex:</b> Up to 64 ipm (b&w), up to 58 ipm (color)		Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color) <sup>12</sup> ; <b>Duplex:</b> Up to 43 ipm (b&w), up to 38 ipm (color)	
Scanner Advanced Features	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; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR); Auto crop to page; Auto-tone		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	
Bit depth / Grayscale levels	24-bit/ 256			
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; OCR; 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		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	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; 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
Copy Speed	<b>Black (letter):</b> Up to 45cpm <sup>16</sup>			
Copy Resolution	<b>Black (text and Graphics):</b> Up to 600 x 600 dpi; <b>Color (text and Graphics):</b> Up to 600 x 600 dpi			
Maximum Number of Copies	Up to 9999 copies			
Copier Resize	25 to 400%			
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; content orientation; collation; booklet; job build; edge-to-edge job storage; ID Copy; Book Copy; A-to-B Copy (different media sizes)			
Fax Speed	<b>Up to:</b> 33.6 kbps		<b>Up to:</b> 33.6 kbps	
Fax Resolution	<b>Black (best):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (standard):</b> 203 x 98 dpi		<b>Black (best):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (standard):</b> 203 x 98 dpi	
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule		Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule	
Fax Features	<b>Fax Memory:</b> Up to 500 pages; <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 Polling Supported:</b> Yes (poll to receive only); <b>Fax Telephone Mode Supported:</b> No; <b>Junk Barrier Supported:</b> Yes; <b>Maximum Speed Dialing Numbers:</b> Up to 1000 numbers (each with 210 destinations); <b>PC Interface Supported:</b> Yes; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No		<b>Fax Memory:</b> Up to 500 pages; <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 Polling Supported:</b> Yes (poll to receive only); <b>Fax Telephone Mode Supported:</b> No; <b>Junk Barrier Supported:</b> Yes; <b>Maximum Speed Dialing Numbers:</b> Up to 1000 numbers (each with 210 destinations); <b>PC Interface Supported:</b> Yes; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No	
Standard Connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket; 1 Fax;	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket; 1 Fax; 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket	2 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket; 1 Fax;
Network Capabilities	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); Optional 802.11a/b/g/n wireless networking and second Ethernet port.	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); Embed 802.11a/b/g/n wireless networking and second Ethernet port.	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).	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); Optional 802.11a/b/g/n wireless networking and second Ethernet port.
Wireless Capability	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900w Print Server J8031A	Yes, built-in Embedded Wi-Fi with Dual band Wireless Station and Wi-Fi Direct functionality and BLE.	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900w Print Server J8031A	
Mobile Printing Capability	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for easy printing <sup>6</sup>	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for easy printing; Wireless Direct Printing <sup>6</sup>	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for easy printing <sup>6</sup>	
Memory	<b>Standard:</b> 1.25 GB (printer); 500 MB (Scanner); <b>Maximum:</b> 2.75 GB MAX memory, when Accessory DIMM is installed			
Processor Speed	1.2 GHz / <b>Hard disk:</b> Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)		1.2 GHz / <b>Hard disk:</b> Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	
Duty Cycle	<b>Monthly, A4:</b> Up to 150,000 pages <b>Recommended Monthly Page Volume:</b> 2000 to 7500 <sup>7</sup>			
Paper Handling	<b>Input Capacities:</b> 100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing; Up to 650 sheets standard; Up to 10 envelopes labels legal; <b>Output Capacities:</b> 250-sheet output bin, convenience stapler; Up to 250 sheets standard labels legal; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 100 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2; <b>Media Types Supported:</b> Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined; <b>Media Weight Supported:</b> Tray 1: 16 to 53 lb; Tray 2: 16 to 32 lb; <b>Media Sizes Supported:</b> Tray 1: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional Automatic Duplexer: letter, legal, 8.5 x 13 in; <b>Media Sizes Custom:</b> Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet Tray: 4.14 x 5.83 to 8.5 x 14 in	<b>Input Capacities:</b> 100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing; Up to 650 sheets standard; Up to 10 envelopes labels legal; <b>Output Capacities:</b> 250-sheet output bin; Up to 250 sheets standard labels legal; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 100 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2; <b>Media Types Supported:</b> Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined; <b>Media Weight Supported:</b> Tray 1: 16 to 53 lb; Tray 2: 16 to 32 lb; <b>Media Sizes Supported:</b> Tray 1: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional Automatic Duplexer: letter, legal, 8.5 x 13 in; <b>Media Sizes Custom:</b> Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in	<b>Input Capacities:</b> 100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing; Up to 650 sheets standard; Up to 10 envelopes labels legal; <b>Output Capacities:</b> 250-sheet output bin; Up to 250 sheets standard labels legal; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 100 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2; <b>Media Types Supported:</b> Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined; <b>Media Weight Supported:</b> Tray 1: 16 to 53 lb; Tray 2: 16 to 32 lb; <b>Media Sizes Supported:</b> Tray 1: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional Automatic Duplexer: letter, legal, 8.5 x 13 in; <b>Media Sizes Custom:</b> Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in	<b>Input Capacities:</b> 100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing; Up to 650 sheets standard; Up to 10 envelopes labels legal; <b>Output Capacities:</b> 250-sheet output bin, convenience stapler; Up to 250 sheets standard labels legal; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 100 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2; <b>Media Types Supported:</b> Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined; <b>Media Weight Supported:</b> Tray 1: 16 to 53 lb; Tray 2: 16 to 32 lb; <b>Media Sizes Supported:</b> Tray 1: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional Automatic Duplexer: letter, legal, 8.5 x 13 in; <b>Media Sizes Custom:</b> Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet Tray: 4.14 x 5.83 to 8.5 x 14 in

