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.[8]

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

HP LaserJet Enterprise MFP M528dn

HP LaserJet Enterprise MFP M528f

HP LaserJet Enterprise Flow MFP M528c

HP LaserJet Enterprise Flow MFP M528z

The world's most secure printing[1]

- 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

- Avoid frustrating reprints, wasted supplies, and service calls using Original HP Toner cartridges.
- Spend less time replacing toner, and more on business. Choose optional high-yield toner cartridges.[2]
- Enhanced energy savings —up to 29% over prior products[8] plus save with Auto-on/Auto-off technology.[3]
- 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[4]—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.[5]
- Submit print jobs on the go and securely release them at any HP Roam-enabled office printer, securely.[7]

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.[6]

Product walkaround

1. 100-sheet ADF with single-pass, two-sided scanning and HP EveryPage[1]
2. 2nd generation Hardware Integration Pocket[2]
3. Easy-access USB port[3]
4. 250-sheet output bin
5. Top cover (access to Original HP JetIntelligence toner cartridge)
6. 100-sheet multipurpose tray 1 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)
7. 550-sheet input tray 2 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)
8. 8.0-inch (20.3 cm) pivoting color touchscreen
9. Pull-out keyboard[1]
10. Convenience stapler[4]
11. Automatic two-sided printing
12. Dual-band Wi-Fi® with Bluetooth® Low Energy[5]
13. Slot for cable-type security lock
14. Gigabit Ethernet
15. Hi-Speed USB 2.0 printing port
16. USB port for connecting external USB devices

Series at a glance

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

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:

Top features

HP printers have the industry's strongest security[1] 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[6]—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
4QL32A HP Legic Secure USB Reader
5EL03A HP TAA Version Secure Hard Disk Drive
A7W14A HP LaserJet Swedish Overlay Keyboard
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 ADF Roller Replacement Kit
X3D03A HP Universal USB Proximity Card Reader
Y7C05A HP HIP2 Keystroke Reader

Supplies

Q7432A HP Staple Cartridge Refill
W5U23A HP 200 ADF Roller Replacement Kit
CF289A HP 89A Black Original LaserJet Toner Cartridge (~5,000 pages)
CF289X HP89X High Yield Black Original LaserJet Toner Cartridge (~10,000 pages)
CF289Y HP89Y Extra High Yield Black Original LaserJet Toner Cartridge (~20,000 pages)

Services

UB7B2E - HP 3 years Next Business Day w/DMR LaserJet M528 SVC
UB7B3E - HP 4 years Next Business Day w/DMR LaserJet M528 SVC
UB7B4E - HP 5 years Next Business Day w/DMR LaserJet M528 SVC
UB7B5E - HP 3 years 4 hours 9x5 w/DMR LaserJet M528 SVC
UB7B6E - HP 4 years 4 hours 9x5 w/DMR LaserJet M528 SVC
UB7B7E - HP 5 years 4 hours 9x5 w/DMR LaserJet M528 SVC
UB7C1E - HP 3 years ChnlPartsOnly LaserJet M528 SVC
UB7C2E - HP 4 years ChnlPartsOnly LaserJet M528 SVC
UB7C3E - HP 5 years ChnlPartsOnly LaserJet M528 SVC
UB7C4PE - HP 1 year PW Next Business Day w/DMR LaserJet M528 SVC
UB7C5PE - HP 2 years PW Next Business Day w/DMR LaserJet M528 SVC
UB7C6PE - HP 1 year PW w/DMR 4 hours 9x5 LaserJet M528 SVC
UB7C7PE - HP 2 years PW w/DMR 4 hours 9x5 LaserJet M528 SVC
UB7D0PE - HP 1 year PW ChnlPartsOnly LaserJet M528 SVC
UB7D1PE - HP 2 years PW ChnlPartsOnly LaserJet M528 SVC

[1] 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. For more information: http://www.hp.com/go/printersecurityclaims
[2] High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately
[3] HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.
[4] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin
[5] HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager
[6] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[7] 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
[8] 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.
[9] 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.

HP LaserJet Enterprise MFP M528 series

Model	HP LaserJet Enterprise MFP M528dn	HP LaserJet Enterprise MFP M528f	HP LaserJet Enterprise Flow MFP M528c	HP LaserJet Enterprise Flow MFP M528z
Product number	1PV64A	1PV65A	1PV66A	1PV67A
AIO functions	Print, copy, scan and optional fax	Print, copy, scan, fax		
Print				
Print speed[14],[12],[13]	**Letter:** Up to 45 ppm (default) ; Up to 52 ppm (HP High Speed) Black; **2-sided:** Up to 36 ipm Black; **First page out:** As fast as 6 sec Black; **Print speed (Landscape, A5):** Up to 65 ppm Black			
Print resolution	**Black (best)** Up to 1200 x 1200 dpi; **Black (normal)** Up to 600 x 600 dpi; **Black (fine lines)** Up to 1200 x 1200 dpi			
Print technology	Laser; **Print resolution technology:** 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200			
Print cartridges number	1 (black)			
Standard print languages	HP PCL 6, 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 SureSupply[7]	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)/ Yes			
Scan				
Scan type / Technology	**Type:** Flatbed, ADF; **Technology:** Contact Image Sensor (CIS)			
Scan resolution	**Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 dpi			
Scan file format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	
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	**ADF:** 8.5 x 34.0 in Maximum; 4 x 5.8 in Minimum; **Flatbed:** 8.5 x 14 in			
Scan speed[12]	Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color) **Duplex:** Up to 43 ipm (b&w), up to 38 ipm (color)		Up to 45 ppm/64 ipm (b&w), up to 45 ppm/58 ipm (color) **Duplex:** Up to 64 ipm (b&w), up to 58 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		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	
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 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	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	
Copy				
Copy speed[15]	**Black (ISO):** Up to 43 cpm (default) ; Up to 50 cpm (HP High Speed); **First copy out:** As fast as 6.5 sec Black; **2-sided:** Up to 36 cpm Black			
Copy resolution	**Color (text and graphics):** 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				
Fax speed		Up to:33.6 kbps / **Letter:**3 sec per page		
Fax resolution		**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Black (standard):** 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		
Fax Features		**Fax memory:** Up to 500 pages; **Auto fax reduction supported:** Yes; **Auto-redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Fax polling supported:** Yes (poll to receive only); **Fax telephone mode supported:** No; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 1000 numbers (each with 210 destinations); **PC interface supported:** Yes; **Remote retrieval capability supported:** No; **Telephone handset supported:** No		
Connectivity				
Standard connectivity	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;	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
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); 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.		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
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 2900nw Print Server J8031A			Yes, built-in Embedded Wi-Fi with Dual band Wireless Station and Wi-Fi Direct functionality and BLE.
Mobile printing capability[5]	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for easy printing			Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for easy printing; Wireless Direct Printing
Memory	**Standard:** 1.25 GB (printer); 512 MB (Scanner); **Maximum:** 3.75 GB MAX memory, when Accessory DIMM is installed			
Processor speed	1.2 GHz / **Storage:** 16 GB eMMC /	1.2 GHz / **Storage:** 500 GB hard disk drive / **Hard disk:** Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)		
Duty cycle (monthly)	**Letter:**Up to 150,000 pages; **Recommended monthly page volume[6]:** 2000 to 7500			

HP LaserJet Enterprise MFP M528 series

Model	HP LaserJet Enterprise MFP M528dn	HP LaserJet Enterprise MFP M528f	HP LaserJet Enterprise Flow MFP M528c	HP LaserJet Enterprise Flow MFP M528z
Product number	1PV64A	1PV65A	1PV66A	1PV67A
Paper handling				
Input	100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing; Up to 650 sheets Standard; Up to 10 envelopes			
Output	**Standard:** 250-sheet output bin; Up to 250 sheets Standard; **Transparencies:** Up to 75 sheets	**Standard:** 250-sheet output bin, convenience stapler; Up to 250 sheets Standard; **Transparencies:** Up to 75 sheets		
Duplex Options	Automatic (standard)			
Auto document feeder capacity	Standard, 100 sheets			
Envelope feeder	No			
Standard paper trays	2			
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined			
Media weight	Tray 1: 16 to 53 lb; Tray 2+: 16 to 32 lb			
Media sizes	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			
Media Sizes Custom	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			
Dimensions (w x d x h)	18.98 x 19.52 x 19.55 in; **Maximum:** 19.96 x 24.83 x 19.55 in			
Weight[2]	47.56 lb	48.76 lb	49.16 lb	
What's in the box[1]	HP LaserJet Enterprise M528dn MFP; HP Original LaserJet Introductory Toner Cartridge (~7,500 pages); Regulatory flyer (CD replacement); Chile Regulatory flyer (AC8); Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list Japan jtr errata (ABJ)	HP LaserJet Enterprise M528f MFP; HP Original LaserJet Toner Cartridge Introductory (~7,500 pages); Regulatory flyer (CD replacement); Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list; Fax Cable; Japan jtr errata (ABJ)	HP LaserJet Enterprise Flow M528c MFP; HP Original LaserJet Introductory Toner Cartridge (~7,500 pages); Regulatory flyer (CD replacement); Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list; Control Panel Overlay Label Sets (Flow); Overlay keyboard (ABJ); Fax cable; Japan jtr errata (ABJ)	HP LaserJet Enterprise Flow M528z MFP; HP Original LaserJet Introductory Toner Cartridge (~7,500 pages); Regulatory flyer (CD replacement); Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list; Control Panel Overlay Label Sets (Flow); Overlay keyboard (ABJ); Fax Cable; Japan jtr errata (ABJ)
Replacement cartridges[16]	HP 89A Black Original LaserJet Toner Cartridge (~5,000 pages) CF289A; HP89X High Yield Black Original LaserJet Toner Cartridge (~10,000 pages) CF289X; HP89Y Extra High Yield Black Original LaserJet Toner Cartridge (~20,000 pages) CF289Y			
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (wty code 4G; wty ID A001)			
Energy star certified	Yes			
Energy efficiency compliance	ENERGY STAR® qualified; EPEAT® Silver; CECP; Blue Angel DE-UZ-205		EPEAT® Gold; ENERGY STAR® qualified; CECP; Blue Angel DE-UZ-205	
Control panel	8.0-in (20.3 cm) color LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)			8.0-in (20.3 cm) color LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); Integrated Keyboard
Display	8.0 in (20.3 cm), touchscreen (1024x768), LCD (color graphics), smooth gesture, enabled touchscreen			
Software included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com			
Fonts and typefaces	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 Http://www.hp.com/go/laserjetfonts			
Compatible operating systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, 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, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, 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/hplinuximagingandprinting, Unix For more information see http://hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://hp.com/go/upd			
Minimum system requirements	**PC:**2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com; **Mac:** 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com			
Power[8] [9]	**Power supply type:** Built-in 115V or 220V Power Supply; **Power supply required:** Input voltage: 100V to 127V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 7.5 A; Input voltage: 220V to 240V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 4 A; **Power consumption[3]:** 629 watts (Printing), 28.8 watts (Ready), 5.3 watts (Sleep), 0.74 watts (Auto-Off/Auto-On), 0.06 watts (Auto-Off), 0.06 watts (Off); **Typical electricity consumption (TEC) number:** 1.414 kWh/Week (Blue Angel); 0.446 kWh/Week (Energy Star 3.0); **Best technical electricity consumption (TEC):** 1.414 KWh/week			
Acoustics	Acoustic power emissions: 6.8 B(A)		Acoustic power emissions: 6.8 B(A)	
Operating environment	**Operating temperature range:** 50 to 90.5°F ; **Recommended operating temperature:** 59 to 80.6°F ; **Storage temperature range:** -4 to 104°F ; **Operating humidity range:** 10 to 80% RH ; **Recommended operating humidity range:** 30 to 70% RH			
Security management	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; and 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); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Connection Inspector - helps ensure network connections to device are safe, Security management: Compatible with HP JetAdvantage Security Manager, HP Printer Security Plugin for Microsoft SCCM, Device Security Syslog Messages processed and accessable in ArcSight, Splunk, and McAfee(ESM) SIEMs			

[1] In box cartridge yields 7,500 black pages based on ISO/IWC 19752 and continuous printing. Actual pages may vary considerably based on images printed and other factors. For more information, visit: http://www.hp.com/go/learnaboutsupplies.
[2] With print cartridges
[3] 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 consumption values typically based on measurement of 115V device.
[4] 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
[5] 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 http://hp.com/go/roam
[6] 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.
[7] HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit http://www.hp.com/go/SureSupply.
[8] 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.
[9] Best TEC is not applicable to ES 2.0 TEC. This measurement was made with the printer configuration optimized for energy efficiency. Minimum sleep delay was used, Wi-Fi Direct was disabled and Active I/O - Energy Efficient Ethernet - was used.
[10] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[12] 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.
[13] Measured using ISO 24734 Feature Test,A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
[14] Measured using ISO/IEC 24734 Office Suite and Feature Tests, 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, document complexity, media size, media orientation and media type. HP High Speed may require FW upgrade to enable.
[15] 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 http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, document complexity, media size, media orientation and media type. HP High Speed may require FW upgrade to enable.
[16] Configuration tested: base model, simplex printing, A4 paper at an average of 43 ppm.

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