

HP LaserJet Enterprise M610dn



This HP LaserJet with JetIntelligence combines performance, energy efficiency, and security.¹

This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security.¹



The world's most secure printing¹

- With HP Sure Start, operating code is automatically checked at startup and repairs itself if compromised.
- Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.²
- Give workgroups what they need to succeed. Easily choose and deploy hundreds of HP and third-party solutions.



High-speed performance meets energy efficiency

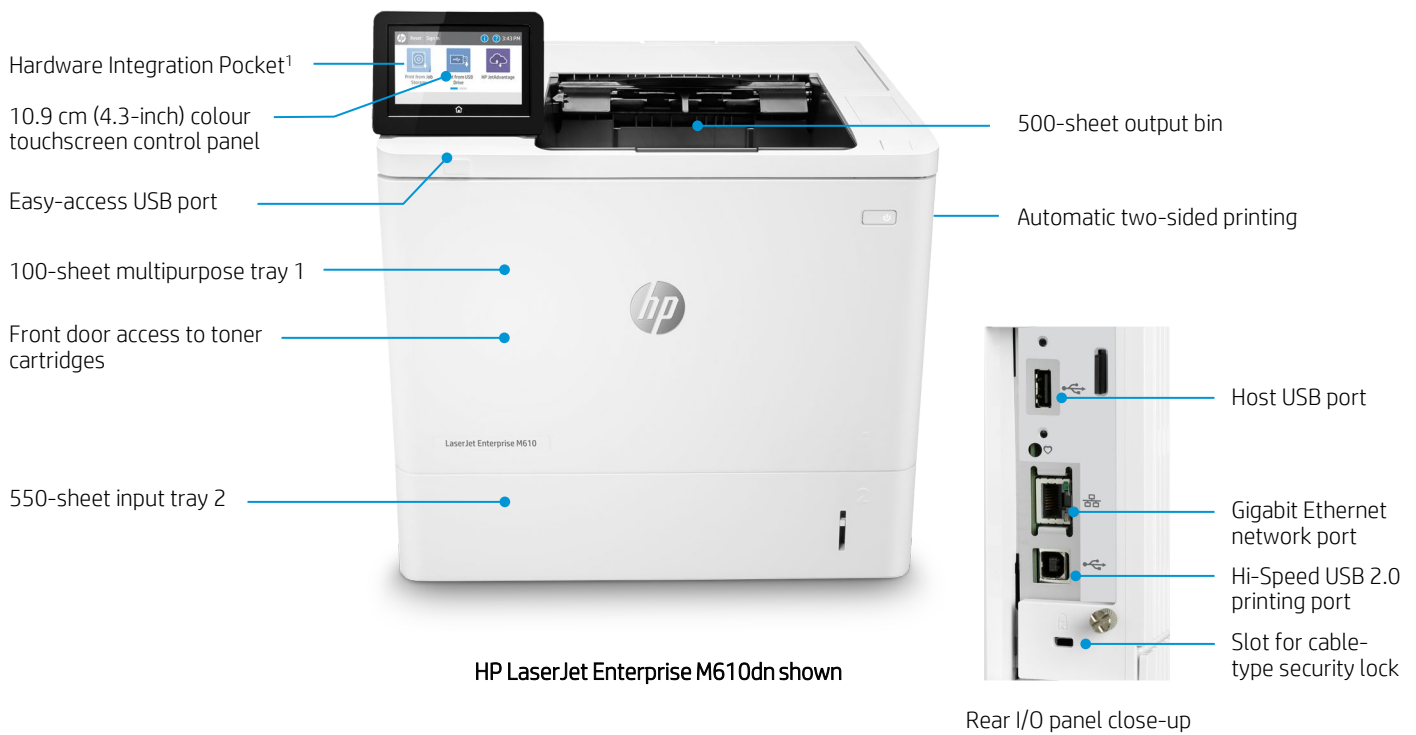
- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This printer wakes up and prints your first page fast—in as quickly as 7.9 seconds.⁴
- This printer uses low amounts of energy thanks to its innovative design and toner technology.
- Easily manage print jobs directly at the printer—just tap and swipe the 4.3-inch (10.9 cm) color touchscreen.



Performance and protection you can count on

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.⁵

Product walkaround



Series at a glance

	M610dn
Part number	7PS82A
Print speeds (A4) ²	Up to 52 ppm
Control panel	10.9 cm (4.3-inch) colour touchscreen
Automatic two-sided printing	✓
Hardware Integration Pocket ¹	✓
100-sheet tray 1, 550-sheet tray 2	✓
550-sheet paper feeder ³	Optional (up to four)
2,100-sheet paper feeder ³	Optional
Envelope feeder	Optional (up to two)
Printer stand	Optional
5-bin stapler/stacker/mailbox with job offset	Optional
Direct mobile printing	Optional wireless direct ⁴ /NFC ⁵
Wireless networking	Optional ⁶
HP High-Performance Secure Hard Disk	Optional

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

² Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

³ All models come standard with the 100-sheet multipurpose tray and 550-sheet tray 2. The HP LaserJet Enterprise M611x and M612x models come with one additional 550-sheet paper feeder standard, and can add up to three additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeder. The M610dn, M611dn, and M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeder.

⁴ Wi-Fi Direct printing is embedded in the HP LaserJet Enterprise M611x and M612x models. All other models can add wireless direct with the purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. 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. For details, see hp.com/go/mobileprinting. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance.

⁵ Touch-to-print capability is optional for all models (except M611x and M612x) with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

⁶ All models can add wireless networking with the purchase of the optional HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

⁷ Bluetooth Low Energy is standard only on the HP LaserJet Enterprise M611x and M612x models, and it cannot be added to other models. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license.

Technical specifications

Product name	HP LaserJet Enterprise M610dn
Product number	7P582A
Functions	Print
Print	
Duplex printing	Automatic (standard)
Print speed ^B	Black (A4, normal) Up to 52 ppm; Black (A4, duplex) : Up to 43 ipm; Black (letter, normal) : Up to 55 ppm; Black (letter, duplex) : Up to 45 ipm;
First page out ³	Black (A4, ready) : As fast as 5.1 sec; Black (A4, sleep) : As fast as 7.9 sec
Print technology	Laser
Print resolution	Black (best) : Up to 1200 x 1200 dpi; Black (normal) : FastRes 1200
Print resolution technology	Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi), Economode (600 x 600 dpi)
Print cartridges number	1 (black)
Standard print languages	HP PCL 6, HP PCL 5, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
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);
Connectivity	
Standard connectivity	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket
Mobile printing capability ^B	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; ROAM optional for easy printing
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
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).
Memory	Standard : 512 MB; Maximum : 1.5 GB, MAX memory, when 1GB Accessory DIMM is installed
Hard disk	Optional, 500 GB (with accessory B5L29A)
Processor speed	1.2 GHz
Warm-up time	130 sec
Paper handling	
Duty cycle (monthly)	Duty cycle (monthly, A4) : Up to 250,000 pages; Recommended monthly page volume : 5000 to 20,000
Input capacity	100-sheet multipurpose feeder, 550-sheet input feeder; Optional 1x550-sheet paper feeder, optional 1x550 paper feeder and stand with cabinet, optional 3x550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1x550 sheet feeder and 1x2,000-sheet feeder
Output capacity	500 sheet output bin
Number of paper trays	Standard : 2; Maximum : Up to 6
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope
Media weight	Feeder 1: 60 to 200 g/m ² ; feeder 2: 60 to 120 g/m ² ; Automatic Duplexer: 60 to 120 g/m ²
Media size	Custom (metric) : 100-sheet multipurpose Tray 1: 76 x 127 to 216 to 356 mm; 550-sheet input Tray 2: 99 x 148 to 216 x 356 mm; 550-sheet optional feeder: 99 x 148 to 216 x 356 mm; 75-sheet envelope feeder: 90 x 148 to 178 x 254 mm; Supported (metric) : 100-sheet multipurpose Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS), Envelope: B5, C5, C6, DL; 550-sheet input Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 550-sheet optional feeder: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 2000-sheet optional HCL: A4; 75-sheet optional envelope feeder: B5, C5, C6, DL
Printer dimensions (W x D x H)	431 x 466 x 380 mm
Printer weight²	21.6 kg
Software included	No software solutions are included in the Box, only on http://hp.com , http://123.hp.com ;
What's in the box	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord.
Warranty	One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
Systems	
Compatible operating systems	Windows Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Sierra v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Mojave v10.15, Discrete PCL6 Printer Driver-. For more information on the supported operating systems go to http://support.hp.com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers-. For more information on the supported operating systems go to http://support.hp.com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd ;
Minimum system requirements	Windows : 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com ; Mac : 2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com
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, ...); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
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 WorldType); 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
Control panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Display	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display
Power³	Requirements : 100V - 127V nominal @ +/-10% (min 90V, max 140V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 12 A; 220V - 240V nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 6 A; Consumption : 780 watts (printing), 15.3 watts (ready), 3.1 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off); Typical Electricity Consumption (TEC)³ : Blue Angel: 1.971 kWh/Week; Energy Star: 0.861 kWh/Week; Power supply type : Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier)
Operating environment	Operating temperature range : 10 to 32.5°C; Recommended operating temperature range : 15 to 27°C Operating humidity range : 10 to 80% RH; Recommended operating humidity range : 30 to 70% RH
Acoustics	Acoustic power emissions : 6.9 B(A); Acoustic power emissions (ready) : Inaudible; Acoustic pressure emissions : 55 dB(A); Acoustic pressure emissions bystander (ready) : Inaudible IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A1:2009 +A1:2010 +A1:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; 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.
Safety approvals and requirements	
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP/IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x

Ordering information

Accessories

Number	Description
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4QL32A	HP Legic Secure USB Reader
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
G6W84A	HP 1 GB 90-pin DDR3 DIMM
L0H17A	HP LaserJet 550-sheet Paper Tray
L0H18A	HP LaserJet 2100 Sheet Paper Tray
L0H19A	HP LaserJet Printer Stand
L0H20A	HP LaserJet Stapler/Stacker/Mailbox
L0H21A	HP LaserJet Envelope Feeder
L0H22A	HP LaserJet Extension Tray Cover
X3D03A	HP Universal USB Proximity Card Reader
Y7C05A	HP HiP2 Keystroke Reader

HP Care Packs

Number	Description
U9MU0E	HP 3 Year Next Business Day HW Support w/Defective Media Retention
U9MU1E	HP 4 Year Next Business Day HW Support w/Defective Media Retention
U9MU2E	HP 5 Year Next Business Day HW Support w/Defective Media Retention
U9MU3E	HP 3 Year 4 Hour 9x5 HW Support W/Defective Media Retention
U9MU4E	HP 4 Year 4 Hour 9x5 HW Support W/Defective Media Retention
U9MU5E	HP 5 Year 4 Hour 9x5 HW Support W/Defective Media Retention
U9MV5E	HP 3 Year Return for Repair Service
U9MV6E	HP 4 Year Return for Repair Service
U9MV7E	HP 5 Year Return for Repair Service
U9MV8E	HP 3 year Next Business Day Parts Exchange Service
U9MV9E	HP 4 year Next Business Day Parts Exchange Service
U9MW0E	HP 5 year Next Business Day Parts Exchange Service
U9MW4PE	HP 1 Year Post Warranty Next Business Day Hardware Support w/DMR
U9MW5PE	HP 2 Year Post Warranty Next Business Day Hardware Support w/DMR

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Supported paper

Number	Description
4WM80A	HP CHP113 Office Paper-2500 sht/A4/210 x 297 mm
4WM81A	HP CHP150 Home and Office Paper-500 sht/A4/210 x 297 mm
4WM82A	HP CHP650 Everyday Paper 75 gsm-500 sht/A4/210 x 297 mm
4WM83A	HP CHP755 Color Choice Paper 200 gsm-250 sht/A4/210 x 297 mm
4WM84A	HP CHP855 Premium Paper 80 gsm-250 sht/A4/210 x 297 mm
4WM85A	HP CHP910 Copy Paper 80 gsm 500 sht/A4/210 x 297 mm

Contact HP via phone: Asia: 65 6253 8500

Original HP ink cartridges and maintenance supplies

Number	Description
J8J96A	HP Staple Cartridge Refill (5,000 staples)
L0H24A	HP LaserJet 110v Maintenance Kit (225,000 pages)
L0H25A	HP LaserJet 220v Maintenance Kit (225,000 pages)
W1470A	HP 147A Black Original LaserJet Toner Cartridge (10,500 pages)

HP Inc. offices

Australia	(613) 8833 5000	hp.com.au
China	(010) 6564 3888	hp.com.cn
Hong Kong	(852) 3077 2688	hp.com.hk
India	(80) 2612 9000	hp.com/in
Indonesia	(62-21) 5799 1088	hp.com/id
Korea	(02) 2199 0114	hp.co.kr
Malaysia	(603) 2332 3333	hp.com.my
New Zealand	(09) 918 9555	hp.co.nz
Philippines	(632) 888 5900	hp.com/ph
Singapore	(65) 6275 3888	hp.com.sg
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Solutions

For more solutions information, please visit hp.com/go/gsc



Windows 10



HP Care Pack

Footnotes

- ¹ HP's most advanced embedded security features are available on HP Enterprise and HP Managed 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. For more information, visit: <http://www.hp.com/go/PrinterSecurityClaims>
- ² HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>
- ³ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.
- ⁵ HP 147X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.
- ⁶ An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

Technical specifications disclaimers

- ¹ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- 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 BA TEC is equal to Best TEC. 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 Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device
- ⁵ Average black 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/learnaboutsupplies>.
- ⁶ 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>
- ⁷ Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono simplex A4 at 53 ppm.
- ⁸ 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.
- ⁹ 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.
- ¹⁰ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- ¹¹ 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.
- ¹² Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
- ¹³ 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.

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