HP

The pinnacle of performance and security

HP LaserJet Enterprise M610, M611, M612 series

LaserJet Enterprise M610

LaserJet Enterprise M611

The world's most
secure printing[1]

High-speed
performance

Powerful printing.
Energy smart.[2]

The world's most secure printing[1]

HP enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.

Always on guard

Only HP enterprise printers offer built-in security features that are always on guard.[1]

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Whitelisting checks firmware during startup to help ensure its authentic, good code—digitally signed by HP.
- Run-time intrusion detection continually monitors activity to detect and stop attacks, then automatically reboots.
- HP Connection Inspector inspects outgoing network connections to stop suspicious requests like malware.

Get instant notification of potential security issues so immediate action can be taken to prevent potential attacks. This printer works with leading Security Information and Event Management (SIEM) tools like Splunk, ArcSight, and McAfee.
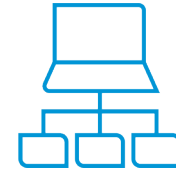
Take security to the next level

Help protect your printer with more than 100 embedded security features.[3] Protect information on the printer and in transit over the network. Store data on the optional 256-bit encrypted HP High-Performance Secure Hard Disk.

Add features such as card readers[4] and more through the Hardware Integration Pocket.[5] Equip your printer to store and protect larger files with the optional 1 GB memory upgrade. Further safeguard data stored on the printer—keys, passwords, certificates, and more—using the standard HP Trusted Platform Module.[6]

Easily develop, deploy, and integrate over 180 HP and third-party solutions with the HP Open Extensibility Platform. Optional HP Access Control solutions can help you reinforce security, while helping to reduce costs.

Centralize control to help build business efficiency

Centralize control of your printing environment with HP Web Jetadmin.[7] Optional HP JetAdvantage Security Manager offers an effective, policy-based approach to help secure HP devices.[8] Easily set security configuration policies and automatically validate settings across the fleet.

HP JetAdvantage Secure Print[9] and HP Access Control (HPAC) help secure documents by requiring authentication to release print jobs. In addition, extend capabilities and easily customize with HPAC—integrate job accounting, manage rights, and establish quotas for things such as color use.[10] Save IT time and make printing easy for the entire enterprise by using a single driver for all HP devices.

▶ For more information

Fleet management	Security
HP Web Jetadmin visit: hp.com/go/wja	**HP JetAdvantage Security Solutions** visit: hp.com/go/printsecurity
Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-2718ENW.pdf	Solution overview: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-1295ENW.pdf
Video: http://hp.brightcovegallery.com/solutions/detail/video/4271055504001/	Video: http://hp.brightcovegallery.com/products/detail/video/4270905124001/
HP Universal Print Driver visit: hp.com/go/upd	**HP JetAdvantage Security Manager** visit: hp.com/go/securitymanager
Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-4781ENW.pdf	Brochure: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-9275ENW.pdf
	Video: http://hp.brightcovegallery.com/products/detail/video/4270837770001/

High-speed performance

Get the job done with a printer equipped for high-speed performance and designed for energy efficiency. Be confident that your employees can speed through their tasks without interruption.

Keep business moving

Don't wait for documents—this printer prints your first page from ready/sleep mode as fast as 5.0/7.8 seconds.[11,12] Get prints up to 75 pages per minute (ppm),[13] letter (M612 series), with 85% duplex efficiency.

75 ppm[13]

Print directly from your smartphone, tablet, or notebook PC to your Wi-Fi Direct®[14]/Bluetooth® Low Energy[15] enabled printer—without accessing the company network. Or choose managed mobile print solutions (HP PrinterOn Enterprise or HP Access Control) for advanced management and reporting capabilities.[16]

Loaded for productivity

Spend less time loading paper with a 4,400-sheet maximum input capacity.[17] Options for this series include a 2,100-sheet paper feeder, a wheeled stand which helps you relocate the printer, and a five-bin stapler/stacker/mailbox with job offset. Standard and optional 550-sheet input trays fit a whole ream of paper and support paper sizes from 4 x 6 inches to legal.

Equip employees to breeze through tasks with the adjustable 4.3-inch (10.9 cm) touchscreen control panel, which makes managing jobs at the printer simple and efficient. (For more information, see Appendix A on page 15.) An easy-access USB port on all models allows users to easily walk up and print.[18]

Designed to conserve

Help keep productivity up and energy use down. This efficient printer is designed for exceptionally low energy consumption—thanks to its innovative design and specially formulated toner.[19]

Help cut costs with HP Auto-On/Auto-Off Technology[20] and HP Instant-On Technology[21]—intelligence that readies your printer right when you need it and turns it off when you don't. Print efficiently on lightweight, high-performance HP EcoFFICIENT paper—designed to save energy.

Powerful printing.
Energy smart.[2]

Get exceptional print quality and help protect your device, using Original HP Toner cartridges with JetIntelligence.
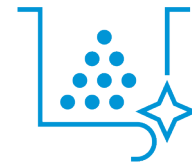
Exceptional print quality

Count on the advantages of Original HP Toner cartridges—performance, high quality, and dependability. Precision black toner is engineered to deliver consistent placement of toner particles and produce sharp text, bold blacks, and crisp graphics.
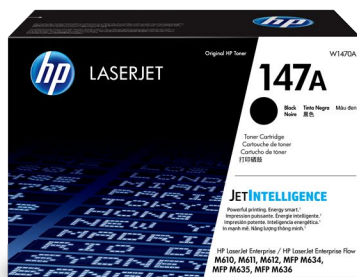
Help protect your investment

Don't put your printer—and print quality—at risk. Help retain the consistent Original HP quality you paid for with innovative anti-fraud technology. Enable office-wide adherence to printing policies with cartridge authentication technology.

Ready to work, right away

Speed through print jobs right out of the box. This printer is shipped with preinstalled, specially designed Original HP LaserJet toner cartridges with JetIntelligence. Auto seal removal enables simple and seamless cartridge replacement, so you can get back to business fast—without costly delays or frustrating messes.

Print uninterrupted and get more pages with optional high-yield and extra-high-yield cartridges[22] (A/X/Y: 10,500/25,200/42,000 pages[23])

Get to know the HP LaserJet Enterprise M610 series

HP LaserJet Enterprise M610dn shown

Hardware Integration Pocket[5]

4.3-inch (10.9 cm) color touchscreen control panel

Easy-access USB port[18]

100-sheet multipurpose tray 1

Front door access to toner cartridges

550-sheet input tray 2

500-sheet output bin

Automatic two-sided printing

Host USB port

Gigabit Ethernet network port

Hi-Speed USB 2.0 printing port

Slot for cable-type security lock

Series at a glance

Model (product number)	M610dn (7PS82A)
Print speeds (letter/A4)[13]	Up to 55/52 ppm
Control panel	4.3-inch (10.9 cm) color touchscreen
Automatic two-sided printing	✓
Hardware Integration Pocket[5]	✓
100-sheet tray 1 and 550-sheet tray 2	✓
550-sheet paper feeder[24]	Optional (up to four)
2,100-sheet paper feeder[24]	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[14]/NFC[25]
Wireless networking	Optional[26]
HP High-Performance Secure Hard Disk	Optional

Get to know the HP LaserJet Enterprise M611 series

HP LaserJet Enterprise M611x shown

Hardware Integration Pocket[5]

4.3-inch (10.9 cm) color touchscreen control panel

Easy-access USB port[18]

100-sheet multipurpose tray 1

Front door access to toner cartridges

550-sheet input tray 2

550-sheet input tray 3

500-sheet output bin

Automatic two-sided printing

Wi-Fi Direct[14]/Bluetooth Low Energy[15]

Host USB port

Gigabit Ethernet network port

Hi-Speed USB 2.0 printing port

Slot for cable-type security lock

Series at a glance

Model (product number)	M611dn (7PS84A)	M611x (7PS85A)
Print speeds (letter/A4)[13]	Up to 65/61 ppm	Up to 65/61 ppm
Control panel	4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen
Automatic two-sided printing	✔	✔
Hardware Integration Pocket[5]	✔	✔
100-sheet tray 1 and 550-sheet tray 2	✔	✔
550-sheet paper feeder[24]	Optional (up to four)	✔ (plus up to three optional)
2,100-sheet paper feeder[24]	Optional	Optional
Envelope feeder	Optional (up to two)	Optional (up to two)
Printer stand	Optional	Optional
5-bin stapler/stacker/mailbox with job offset	Optional	Optional
Direct mobile printing	Optional wireless direct[14]/NFC[25]	Embedded Wi-Fi Direct[14]/Bluetooth Low Energy[15]
Wireless networking	Optional[26]	Embedded
HP High-Performance Secure Hard Disk	Optional	Optional

Get to know the HP LaserJet Enterprise M612 series

HP LaserJet Enterprise M612x shown

Hardware Integration Pocket[5]

4.3-inch (10.9 cm) color touchscreen control panel

Easy-access USB port[18]

100-sheet multipurpose tray 1

Front door access to toner cartridges

550-sheet input tray 2

550-sheet input tray 3

500-sheet output bin

Automatic two-sided printing

Wi-Fi Direct[14]/Bluetooth Low Energy[15]

Host USB port

Gigabit Ethernet network port

Hi-Speed USB 2.0 printing port

Slot for cable-type security lock

Series at a glance

Model (product number)	M612dn (7PS86A)	M612x (7PS87A)
Print speeds (letter/A4)[13]	Up to 75/71 ppm	Up to 75/71 ppm
Control panel	4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen
Automatic two-sided printing	✔	✔
Hardware Integration Pocket[5]	✔	✔
100-sheet tray 1 and 550-sheet tray 2	✔	✔
550-sheet paper feeder[24]	Optional (up to four)	✔ (plus up to three optional)
2,100-sheet paper feeder[24]	Optional	Optional
Envelope feeder	Optional (up to two)	Optional (up to two)
Printer stand	Optional	Optional
5-bin stapler/stacker/mailbox with job offset	Optional	Optional
Direct mobile printing	Optional wireless direct[14]/NFC[25]	Embedded Wi-Fi Direct[14]/Bluetooth Low Energy[15]
Wireless networking	Optional[26]	Embedded
HP High-Performance Secure Hard Disk	Optional	Optional

Paper-handling accessories

	550-sheet paper feeder (L0H17A)	2,100-sheet paper feeder (L0H18A)	Envelope feeder (L0H21A)	Printer stand (L0H19A)	Stapler/stacker/ mailbox (L0H20A)
Standard	M611x, M612x (one)				
Optional	Add up to three: M611x, M612x[24] Add up to four: M610dn, M611dn, M612dn[24]	All models[24]	Add up to two: all models	All models	All models

What's new

HP LaserJet Enterprise M610 series compared to the HP LaserJet Enterprise M607 series and HP LaserJet Enterprise M604 series

HP LaserJet Enterprise M610dn	HP LaserJet Enterprise M607dn	HP LaserJet Enterprise M604dn
Up to 55 ppm, simplex; up to 45 images per minute (ipm), duplex[13]	Up to 55 ppm, simplex; up to 45 images per minute (ipm), duplex[13]	Up to 52 ppm, simplex; up to 35 ipm, duplex[13]
FPO as fast as 5.0/7.8 seconds from ready/sleep[11,12]	FPO as fast as 5.0/7.8 seconds from ready/sleep[11,12]	FPO as fast as 7.5/10 seconds from ready/sleep[11,12]
100+ embedded security settings,[3] including HP Sure Start, run-time intrusion detection, whitelisting, HP Connection Inspector, and HP Trusted Platform Module	100+ embedded security settings,[3] including HP Sure Start, run-time intrusion detection, whitelisting, and HP Connection Inspector	HP Sure Start not available; Whitelisting and run-time intrusion detection available with firmware upgrade
Up to 650-sheet standard input (4,400 maximum[17]); input trays hold 550 sheets; optional five-bin stapler/stacker/mailbox with job offset	Up to 650-sheet standard input (4,400 maximum[17]); input trays hold 550 sheets; optional five-bin stapler/stacker/mailbox with job offset	Up to 600-sheet standard input (3,600 maximum[17]); input trays hold 500 sheets; optional stapler/stacker/mailbox
RMPV of 5,000 to 20,000 pages[27]	RMPV of 5,000 to 20,000 pages[27]	RMPV of 5,000 to 13,000 pages[27]
Original HP Toner cartridges with JetIntelligence	Original HP Toner cartridges with JetIntelligence; Extra High Yield black (~41,000 pages)[22,23]	Original HP Toner cartridges; High Yield black cartridges (~25,000 pages)[23]
4.3-inch (10.9 cm) color touchscreen	2.7-inch (6.9 cm) LCD with keypad	4-line display and use the 10-key pad

What's new

HP LaserJet Enterprise M611 series compared to the HP LaserJet Enterprise M608 series and the HP LaserJet Enterprise M605 series

HP LaserJet Enterprise M611x	HP LaserJet Enterprise M608x	HP LaserJet Enterprise M605x
Up to 65 ppm, simplex; up to 53 ipm, duplex[13]	Up to 65 ppm, simplex; up to 53 ipm, duplex[13]	Up to 58 ppm, simplex; up to 38 ipm, duplex[13]
FPO as fast as 5.0/7.8 seconds from ready/sleep[11,12]	FPO as fast as 5.0/7.8 seconds from ready/sleep[11,12]	FPO as fast as 7/9.5 seconds from ready/sleep[11,12]
100+ embedded security settings,[3] including HP Sure Start, run-time intrusion detection, whitelisting, HP Connection Inspector, and HP Trusted Platform Module	100+ embedded security settings,[3] including HP Sure Start, run-time intrusion detection, whitelisting, and HP Connection Inspector	HP Sure Start not available; Whitelisting and run-time intrusion detection available with firmware upgrade
Up to 1,200-sheet standard input (4,400 maximum[17]); input trays hold 550 sheets; optional 5-bin stapler/stacker/mailbox with job offset	Up to 1,200-sheet standard input (4,400 maximum[17]); input trays hold 550 sheets; optional 5-bin stapler/stacker/mailbox with job offset	Up to 1,100-sheet standard input (3,600 maximum[17]); input trays hold 500 sheets; optional stapler/stacker/mailbox
RMPV of 5,000 to 25,000 pages[27]	RMPV of 5,000 to 25,000 pages[27]	RMPV of 5,000 to 16,000 pages[27]
Original HP Toner cartridges with JetIntelligence; Extra High Yield black (~42,000 pages)[22,23]	Original HP Toner cartridges with JetIntelligence; Extra High Yield black (~41,000 pages)[22,23]	Original HP Toner cartridges; High Yield black cartridges (~25,000 pages)[23]
4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen

What's new

HP LaserJet Enterprise M612 series compared to the HP LaserJet Enterprise M609 series and HP LaserJet Enterprise M606 series

HP LaserJet Enterprise M612x	HP LaserJet Enterprise M609x	HP LaserJet Enterprise M606x
Up to 75 ppm, simplex; up to 62 ipm, duplex[13]	Up to 75 ppm, simplex; up to 62 ipm, duplex[13]	Up to 65 ppm, simplex; up to 43 ipm, duplex[13]
FPO as fast as 5.0/7.8 seconds from ready/sleep[11,12]	FPO as fast as 5.0/7.8 seconds from ready/sleep[11,12]	FPO as fast as 7/9.5 seconds from ready/sleep[11,12]
100+ embedded security settings,[3] including HP Sure Start, run-time intrusion detection, whitelisting, HP Connection Inspector, and HP Trusted Platform Module	100+ embedded security settings,[3] including HP Sure Start, run-time intrusion detection, whitelisting, and HP Connection Inspector	HP Sure Start not available; Whitelisting and run-time intrusion detection available with firmware upgrade
Up to 1,200-sheet standard input (4,400 maximum[17]); input trays hold 550 sheets; optional 5-bin stapler/stacker/mailbox with job offset	Up to 1,200-sheet standard input (4,400 maximum[17]); input trays hold 550 sheets; optional 5-bin stapler/stacker/mailbox with job offset	Up to 1,100-sheet standard input (3,600 maximum[17]); input trays hold 500 sheets; optional stapler/stacker/mailbox
RMPV of 5,000 to 30,000 pages[27]	RMPV of 5,000 to 30,000 pages[27]	RMPV of 5,000 to 20,000 pages[27]
Original HP Toner cartridges with JetIntelligence; Extra High Yield black (~42,000 pages)[22,23]	Original HP Toner cartridges with JetIntelligence; Extra High Yield black (~41,000 pages)[22,23]	Original HP Toner cartridges; High Yield black cartridges (~25,000 pages)[23]
4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen

Technical specifications

	HP LaserJet Enterprise M610 series	HP LaserJet Enterprise M611 series	HP LaserJet Enterprise M612 series
Product number	M610dn: 7PS82A	M611dn: 7PS84A M611x: 7PS85A	M612dn: 7PS86A M612x: 7PS87A
Control panel	4.3-inch (10.9 cm) color touchscreen control panel plus Hardware Integration Pocket	4.3-inch (10.9 cm) color touchscreen control panel plus Hardware Integration Pocket	4.3-inch (10.9 cm) color touchscreen control panel plus Hardware Integration Pocket
	Easy-access USB *(all models)*		
Print speed[13]			
Simplex	Up to 55 ppm, letter (52 ppm, A4)	Up to 65 ppm, letter (61 ppm, A4)	Up to 75 ppm, letter (71 ppm, A4)
Duplex	Up to 45 ipm, letter (43 ipm, A4)	Up to 53 ipm, letter (50 ipm, A4)	Up to 62 ipm, letter (58 ipm, A4)
First page out[11]	As fast as 5.0 seconds from ready, letter (5.1 seconds, A4); as fast as 7.8 seconds from sleep, letter (7.9 seconds, A4)[12]		
Print resolution	FastRes1200 (600 x 600 x 8 dpi), 1200 x 1200 dpi *(all models)*		
Printing features	Print preview, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB[18]		
Processor	1.2 GHz *(all models)*		
Memory	512 MB, standard; 1.5 GB, maximum with purchase of 1 GB accessory DIMM *(all models)*		
Storage	4 GB EMMC non-volatile storage; Firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure Erase – Disk)		
	Optional: HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase – Temporary Job Files, Secure Erase – Job Data, Secure ATA Erase – Disk)		
Durability ratings			
Recommended monthly page volume[27]	5,000 to 20,000 pages	5,000 to 25,000 pages	5,000 to 30,000 pages
Duty cycle[28]	Up to 250,000 pages	Up to 275,000 pages	Up to 300,000 pages
Media specifications			
Input capacity	Up to 650 sheets (up to 4,400 maximum) Tray 1: Up to 100 sheets Tray 2: Up to 550 sheets	M611dn: Up to 650 sheets (up to 4,400 maximum) Tray 1: Up to 100 sheets Tray 2: Up to 550 sheets M611x: Up to 1,200 sheets (up to 4,400 maximum) Tray 1: Up to 100 sheets Trays 2 and 3: Up to 550 sheets each	M612dn: Up to 650 sheets (up to 4,400 maximum) Tray 1: Up to 100 sheets Tray 2: Up to 550 sheets M612x: Up to 1,200 sheets (up to 4,400 maximum) Tray 1: Up to 100 sheets Trays 2 and 3: Up to 550 sheets each
Output capacity	Up to 500 sheets (standard); up to 1,300 sheets with optional 5-bin stapler/stacker/mailbox accessory		
Two-sided printing	Automatic	Automatic	Automatic
Media sizes	Tray 1: Letter, legal, statement, executive, Oficio (8.5 x 13 in), 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelopes (No. 9, No. 10, Monarch (7 ¾)); A4, A5, A6, RA4, B5, B6 (JIS), Oficio (216 x 340 mm), 16K, 10 x 15 cm, postcards (JIS single and double), envelopes (C5, B5, C6, DL, ISO); Custom media sizes: 3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm)		
	Tray 2, optional trays 3, 4, 5, and 6: Letter, legal, executive; A4, A5, A5-R, B5 (JIS), 16K; Custom media sizes: 3.9 x 5.8 to 8.5 x 14 in (99 x 148 to 216 x 356 mm)		
	Duplex: Letter, legal, executive; A4, A5, RA4, B5 (JIS), Oficio (216 x 340 mm)		
	Optional 2,100-sheet feeder: Letter, legal, executive; A4, A5, A5-R, B5 (JIS), 16K		

	HP LaserJet Enterprise M610 series	HP LaserJet Enterprise M611 series	HP LaserJet Enterprise M612 series
Media weights	Tray 1: 16 to 53 lb (60 to 200 g/m^2)		
	Tray 2+: 16 to 32 lb (60 to 120 g/m^2)		
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		
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®		
Fonts	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 font (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 hp.com/go/laserjetfonts		
Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network		
Mobile printing	HP ePrint,[29] Apple AirPrint,[30] Mopria-certified, Google Cloud Print™ 2.0 *(all models)*		
		Plus Wi-Fi Direct,[14] Bluetooth Low Energy[15] *(M611x and M612x models)*	
	Optional wireless direct,[14] NFC touch-to-print[25] enabled with purchase of accessory *(M610dn, M611dn, M612dn models)*		
Network capabilities	Via HP Jetdirect Ethernet embedded print server supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec *(all models)*		
		Plus 802.11b/g/n wireless networking[26] *(M611x and M612x models)*	
	Optional 802.11b/g/n wireless networking enabled with purchase of accessory[26] *(M610dn, M611dn, M612dn models)*		
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,[30] HP ePrint,[29] 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		
Security	Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and third-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 and 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,[5] Intrusion Detection with Red Balloon Security Technology – constant in-device monitoring for attacks, HP SureStart Secure Boot – BIOS Integrity Checking with self-healing capability, Whitelisting – loads only known good code (DLLs, EXEs, etc.)		
	Security Management: Compatible with HP JetAdvantage Security Manager,[8] Device Security Syslog Messages processed and accessible in McAfee, ArcSight, and Splunk SIEMs		
Compatible operating systems[31]	Windows® OS: Windows 10 all 32- and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- and 64-bit editions, Windows 8/8.1 all 32- and 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)		
	Mac OS: 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan		
	Mobile OS: Android™		
	Linux® Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10)		
	Other OS: UNIX®		

	HP LaserJet Enterprise M610 series	HP LaserJet Enterprise M611 series	HP LaserJet Enterprise M612 series
Compatible network operating systems	Citrix® MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server® 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 and 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop® 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit]		
	Novell NetWare 6.5/SP8 Novell Clients novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers novell.com/iprint		
	Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster and Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster and Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster and Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster and Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster and Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster and Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster and Terminal Services)		
System requirements, Windows	A compatible operating system (see above), 2 GB available hard disk space, OS compatible hardware (for OS hardware requirements see microsoft.com)		
System requirements, Macintosh	A compatible operating system (see above), 1.3 GB available hard disk space (for operating system compatible hardware requirements see apple.com)		
Dimensions, operating (width x depth x height)	17 x 18.3 x 15 in (431 x 466 x 380 mm)	M611dn: 17 x 18.3 x 15 in (431 x 466 x 380 mm) M611x: 17 x 18.3 x 19.9 in (431 x 466 x 505 mm)	M612dn: 17 x 18.3 x 15 in (431 x 466 x 380 mm) M612x: 17 x 18.3 x 19.9 in (431 x 466 x 505 mm)
Dimensions, maximum[32] (width x depth x height)	17 x 40.9 x 17.8 in (431 x 1040 x 453 mm)	M611dn: 17 x 40.9 x 17.8 in (431 x 1040 x 453 mm) M611x: 17 x 43.3 x 22.9 in (431 x 1100 x 581 mm)	M612dn: 17 x 40.9 x 17.8 in (431 x 1040 x 453 mm) M612x: 17 x 43.3 x 22.9 in (431 x 1100 x 581 mm)
Weight (with print cartridges)	47.7 lb (21.6 kg)	M611dn: 47.7 lb (21.6 kg) M611x: 58 lb (26.3 kg)	M612dn: 47.7 lb (21.6 kg) M612x: 58 lb (26.3 kg)
What's in the box	HP LaserJet Printer, HP Black Original LaserJet Toner Cartridge (~10,500 pages),[23] CD with software drivers and documentation, documentation (Hardware Install Guide), power cord, automatic duplexer (built-in)		
		M611x: Plus 500-sheet input feeder 3	M612x: Plus 500-sheet input feeder 3
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (directs users to 123.HP.com or OS App Source for printer software), online user manuals		
Downloadable software	HP Easy Start (Guided Software Install for Windows OS and Mac); HP ePrint Software (ePrint Mobile Driver for Windows); HP ePrint Software (for Windows); HP JetAdvantage Security Manager;[8] HP Mobile Printing hp.com/us/en/ads/mobility/overview.html; HP PCL6 print driver only (no installer for "Add Printer" installs); HP PCL6 print driver with installer, Product Documentation and Support; HP Proxy Agent Software; HP Universal Print Drivers (PCL6 and PS for Windows);[33] Linux/Unix Print Drivers; Mac Software Solution; Printer Administrator Resource Kit; SAP (PS Print Drivers); HP Web Jetadmin;[7] Windows driver only solution; Windows Full Software Solution		
Warranty	One-year, next-business-day, onsite warranty		
	Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP world-class service and support options in your region.		
HP SureSupply supported	HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit hp.com/learn/suresupply. Only available with original HP supplies; Internet access required.		

Environmental and power specifications

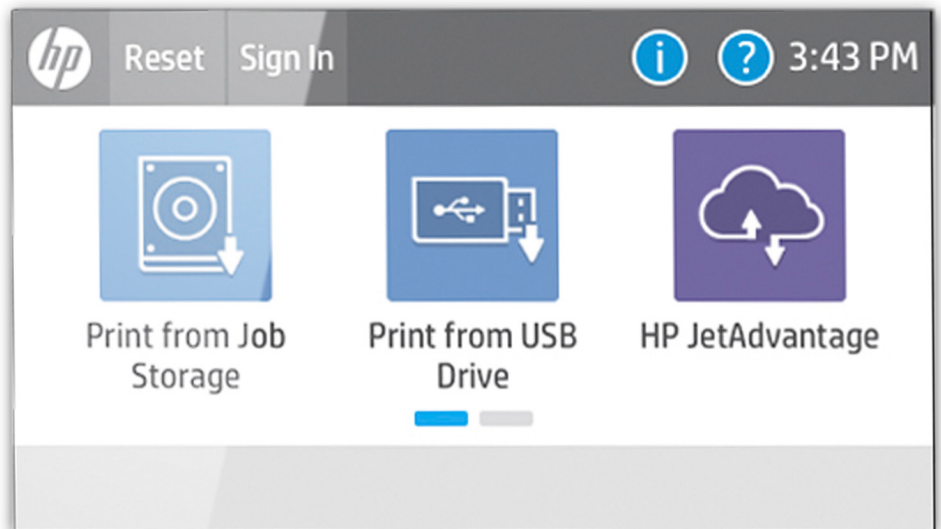|	HP LaserJet Enterprise M610 series	HP LaserJet Enterprise M611 series	HP LaserJet Enterprise M612 series
Environmental ranges			
Temperatures	Operating: 59 to 90.5°F (15 to 32.5°C); recommended operating: 59 to 80.6°F (15 to 27°C); storage: -4 to 104°F (-20 to 40°C)		
Relative humidity	Operating range: 10 to 80% RH; recommended operating range: 30 to 70% RH; storage range: 10 to 90% RH		
Acoustic power emissions[34]	Ready mode: Inaudible Printing mono, simplex A4 at 53 ppm: 6.9 B(A) printing	Ready mode: Inaudible Printing mono, simplex A4 at 62 ppm: 6.9 B(A) printing	Ready mode: Inaudible Printing mono, simplex A4 at 71 ppm: 6.9 B(A) printing
Acoustic pressure emissions (bystander)			
Ready mode	Inaudible *(all models)*		
Active mode	Printing mono, simplex A4 at 53 ppm: 55 dB(A)	Printing mono, simplex A4 at 62 ppm: M611dn: 55 dB(A) M611x: 54 dB(A)	Printing mono, simplex A4 at 71 ppm: M612dn: 56 dB(A) M612x: 55 dB(A)
Power specifications[35]			
Power supply	Built-in 115V or 220V (Not dual voltage, power supply varies by part number with # option code identifier) 100–127 V nominal @ ±10% (min 90 V, max 140 V); 50–60 Hz nominal ± 3 Hz (min 47 Hz, max 63 Hz); 12 A 220–240 V nominal @ ±10% (min 198 V, max 264 V); 50–60 Hz nominal ± 3 Hz (min 47 Hz, max 63 Hz); 6 A		
Power consumption	Active: 780 watts, ready: 15.3 watts, sleep: 3.1 watts, off/auto-off: <0.1 watts		
Typical electricity consumption (TEC)	2.131 kWh/week	2.622 kWh/week	3.173 kWh/week
Energy-saving features	HP Auto-On/Auto-Off Technology;[20] Instant-On Technology; Instant-On Copy		
Environmental specifications	All models: ENERGY STAR® certified; CECP; EPEAT® Silver[36]		
		M611dn: Plus optional EPEAT® Gold[36]	M612dn and M612x: Plus optional EPEAT® Gold[36]
Safety and regulatory compliance	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; Low Voltage Directive 2006/95/EC 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		
Electromagnetic emission standard	CISPR 22:2008 (International) – Class A; EN 55022: 2010 (EU) – Class A; EN 61000-3-2: 2006 +A1: 2009 +A2: 2009; EN 61000-3-3: 2008; EN 55024: 2010; EMC Directive 2004/108/EC; FCC CFR 47 Part 15 Class A / ICES-003, Issue 5 Class A; Other EMC approvals as required by individual countries		
Telecom compliance certification		M611x, M612x: Telecom wireless: EN301 489-1 v1.9.2/EN 301 489-1v2.2.1 (2012-09) EN300 328 v1.9.1, FCC Title 47 CFR Part 15 Subpart C (section 15.247)/IC:RSS-210 IEC 62311:2007/EN62311:2008 and other Telecom approvals as required by individual countries.	

Ordering information

Use accessories and supplies specifically designed for the printer to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. To contact HP by country, please visit hp.com/go/contact. If you don't have access to the Internet, contact your qualified HP dealer or call HP (U.S.) at (800) 282 6672.

LaserJet		
	HP LaserJet Enterprise M610dn	7PS82A
	HP LaserJet Enterprise M611dn	7PS84A
	HP LaserJet Enterprise M611x	7PS85A
	HP LaserJet Enterprise M612dn	7PS86A
	HP LaserJet Enterprise M612x	7PS87A

Supplies		
	HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages)[22,23]	W1470A
	HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages)[22,23]	W1470X
	HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages)[22,23]	W1470Y
	HP LaserJet 110V Maintenance Kit (225,000 pages)	L0H24A
	HP LaserJet 220V Maintenance Kit (225,000 pages)	L0H25A
	HP Staple Cartridge Refill (5,000 staples)	J8J96A

Accessories		
	HP LaserJet 550-Sheet Paper Feeder	L0H17A
	HP LaserJet 2100 Sheet Paper Feeder	L0H18A
	HP LaserJet Printer Stand	L0H19A
	HP LaserJet Stapler/Stacker/Mailbox	L0H20A
	HP LaserJet Envelope Feeder	L0H21A
	HP LaserJet Extension Tray Cover	L0H22A
	HP Accessibility Assistant	2MU47A
	HP 1 GB 90-Pin DDR3 TAA Version DIMM	2NR03A
	HP Removable Hard Drive Enclosure	2NR12A
	HP Jetdirect 3100w BLE/NFC/Wireless Accessory	3JN69A
	HP TAA Version Secure Hard Disk Drive	5EL03A
	HP Internal USB Ports	B5L28A
	HP Secure High Performance Hard Disk Drive	B5L29A
	HP SmartCard NIPRNet Solution for U.S. Government	CC543B
	HP Int USB Ports Bulk M604/605/606 Accessory	F2A86A
	HP 1 GB 90-Pin DDR3 DIMM	G6W84A
	HP USB Universal Card Reader	X3D03A
	HP HIP2 Keystroke Reader	Y7C05A
	HP Legic Reader	4QL32A

HP Services

Improve performance—it's your choice. HP Care provides options to help you manage imaging and printing—from Care Pack services to customizable and advisory services. With HP Managed Print Services, we oversee everything for you.

Make sure your imaging and printing investments are protected with Care Pack, part of HP Care. Pick your package of services to keep your printer running and your business moving. Now your office can spend less time trouble-shooting and more time getting things done. For details, visit hp.com/go/cpc.[37]

HP Installation Service w/nw Workgroup Printer	U9JT2E
HP 3-year Next Business Day Onsite LJ Ent M610 Hardware Support	U9MU0E
HP 5-year Next Business Day Onsite LJ Ent M610 Hardware Support	U9MU2E
HP 3-year 4-hour 9x5 Onsite LJ Ent M610 Hardware Support	U9MU3E
HP 3-year Next Business Day Onsite LJ Ent M611 Hardware Support	U9NE0E
HP 5-year Next Business Day Onsite LJ Ent M611 Hardware Support	U9NE2E
HP 3-year 4-hour 9x5 Onsite LJ Ent M611 Hardware Support	U9NE3E
HP 3-year Next Business Day Onsite LJ Ent M612 Hardware Support	U9MZ0E
HP 5-year Next Business Day Onsite LJ Ent M612 Hardware Support	U9MZ2E
HP 3-year 4-hour 9x5 Onsite LJ Ent M612 Hardware Support	U9MZ3E

Solutions

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP JetAdvantage Security Manager: hp.com/go/securitymanager
HP JetAdvantage On Demand Cloud Solutions: hp.com/go/JetAdvantageondemand
HP LaserJet fonts, barcodes, and IPDS Emulation available at hp.com/go/laserjetfonts
To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/printing solutions
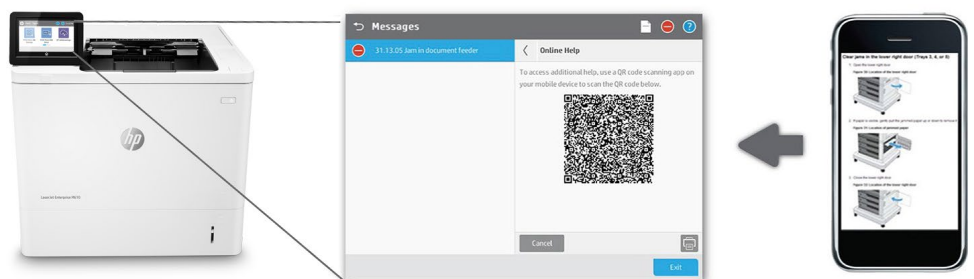
Appendix A: Control panel features

Upgrade to a modern interface

The HP LaserJet Enterprise M610/M611/M612 series is powered by HP FutureSmart 4.0 firmware. Its modern, tablet-like interface keeps things simple and intuitive across your fleet of enterprise devices. A scalable control panel interface improves future extensibility and provides a robust set of new apps and usability features. The new Message Center, with more detailed information and helpful animations, makes it easy to address device events. The simplified home screen displays just three core apps by default with the 4.3-inch [10.9 cm] color touchscreen control panel. Additional apps are easily accessed by swiping right to left, like with a smartphone or tablet.

Troubleshoot with ease

The HP LaserJet Enterprise M610/M611/M612 series can help save your IT department valuable time when it comes to troubleshooting problems. The Remote Control Panel allows users to operate the user interface remotely, so IT can troubleshoot problems without running to the printer.[38] Users can also quickly troubleshoot technical issues with HP's innovative, cloud-based Online Help services that are relevant and up to date. Easily solve problems from your PC or mobile device. A Quick Response (QR) code on the touchscreen links to Online Help using smart phones and tablets.[39] You can also find these links in the HP Embedded Web Server event log.

[1] 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 hp.com/go/PrinterSecurityClaims.

[2] Based on the reduced energy use of HP LaserJet printers and cartridges with JetIntelligence introduced since 2015 compared to previous toner versions without JetIntelligence, using ENERGY STAR® methodology.

[3] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity.

[4] HP Proximity Card Reader (CZ208A) is available for separate purchase for select HP devices with Hardware Integration Pocket (HIP) and touchscreen display.

[5] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

[6] Use of the HP Trusted Platform Module accessory may require a firmware upgrade.

[7] HP Web Jetadmin is available for download at no additional charge at hp.com/go/wja.

[8] HP JetAdvantage Security Manager must be purchased separately. For details, see hp.com/go/securitymanager.

[9] HP JetAdvantage Secure Print works with any network-connected printer or MFP. On-device authentication is available for many HP LaserJet, PageWide, and OfficeJet Pro devices and selected non-HP devices. Some devices may require a firmware upgrade. Internet connection required for cloud storage and retrieval of print jobs. Print-job release from a mobile device requires a network connection and QR code. For more information and a list of supported printers and MFPs, see hp.com/go/JetAdvantageSecurePrint.

[10] Color access control capabilities vary from device to device.

[11] Measured using ISO/IEC 17629. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Learn more at hp.com/go/printerclaims.

[12] Measured after 15 minutes in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity, and time in sleep.

[13] 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.

[14] Wi-Fi Direct printing is embedded in the HP LaserJet Enterprise M61x 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®.

[15] 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.

[16] Requires purchase of server software such as HP PrinterOn Enterprise or HP Access Control Secure Pull Printing. Learn more at hp.com/go/businessmobileprinting.

[17] Purchase of optional paper trays required to reach maximum input capacity.

[18] An administrator must enable the easy-access USB port before use.

[19] Energy claim based on TEC data reported on energystar.gov as of January 2017. Data normalized to determine energy efficiency of in-class laser printers with published speed of 55 to 75 ppm (letter). Subject to device settings. Actual results may vary.

[20] HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.

[21] Compared with products that use traditional fusing.

[22] HP 147X High Yield and 147Y Extra High Yield Black Original LaserJet Toner cartridges are not included in printer purchase; purchase separately. Learn more at hp.com/go/learnaboutsupplies. The HP LaserJet Enterprise M610 series does not support the HP 147X or 147Y cartridges.

[23] Toner cartridge yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors.

[24] 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 550-sheet paper feeders and the optional 2,100-sheet paper feeder. The M610dn, M611dn, and M612dn models can add up to four additional 550-sheet paper feeders and the optional 2,100-sheet paper feeder.

[25] 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.

[26] Wireless networking is optional for all models (except M611x and M612x) with purchase of the optional HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

[27] 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.

[28] 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.

[29] Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Learn more at hp.com/go/mobileprinting.

[30] Supports the following devices running iOS 4.2 or later: iPad®, iPad 2, iPhone® (3GS or later), iPod touch® (third generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent on physical environment and distance from the access point.

[31] Full solution software available only for Windows 7 and newer, UPD software available only for Windows 7 and newer, HP Software for Mac and Windows is no longer included on the CD, but can be downloaded from 123.hp.com, Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and Scan drivers only with a reduced feature set, Windows RT OS for Tablets (32- and 64-bit) uses a simplified HP print driver built into the RT OS.

[32] Maximum dimensions of the device are measured with all paper trays folded out and standard accessories installed.

[33] The HP Universal Print Driver is available for download at no additional charge at hp.com/go/upd.

[34] Acoustic values are subject to change. For current information, see hp.com/support.

[35] Power requirements are based on the country/region where the scanner is sold. Do not convert operating voltages. This will damage the device and void the product warranty.

[36] EPEAT® registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country.

[37] Service levels and response times may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit hp.com/go/cpc.

[38] Availability dependent on firmware or software updates or upgrades.

[39] Online Help must be enabled on the printer or MFP. Mobile device must have an Internet connection to access online services.

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