HP LaserJet Enterprise MFP M527 Series

Finish tasks faster[1] and help protect against threats with multi-level device security in an MFP.[9]

Finish key tasks faster with an MFP that starts right away and helps conserve energy.[1] Multi-level device security helps protect from threats. Original HP Toner cartridges with JetIntelligence and this printer produce more high-quality pages.[2]

HP LaserJet Enterprise MFP M527dn

HP LaserJet Enterprise MFP M527f

HP LaserJet Enterprise Flow MFP M527z

Accelerate your work and use less energy

- Don't wait for documents. Print your first page in as few as 8.7 seconds from energy-efficient sleep mode.
- Speed through jobs on a variety of media. Print and scan both sides of the page at once.
- This MFP leads its class in low energy use—thanks to its innovative design and toner technology.[3]
- Now 24% smaller—this MFP fits in tight places to boost performance in any workspace.[8]

Unparalleled fleet security and management

- Embedded features detect security threats and heal your MFP, protecting it from boot up to shutdown.[9]
- Protect sensitive data on the MFP and in transit, using embedded security features and 256-bit encryption.[9]
- Protect sensitive business data with embedded and optional HP JetAdvantage Security Solutions.[10]
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.

More pages, performance, and protection

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Get more. Original HP Toner with JetIntelligence delivers more pages per cartridge than predecessors.[2]
- Help ensure the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Print right away with a preinstalled toner cartridge. Replace it with an optional high-yield cartridge.[11]

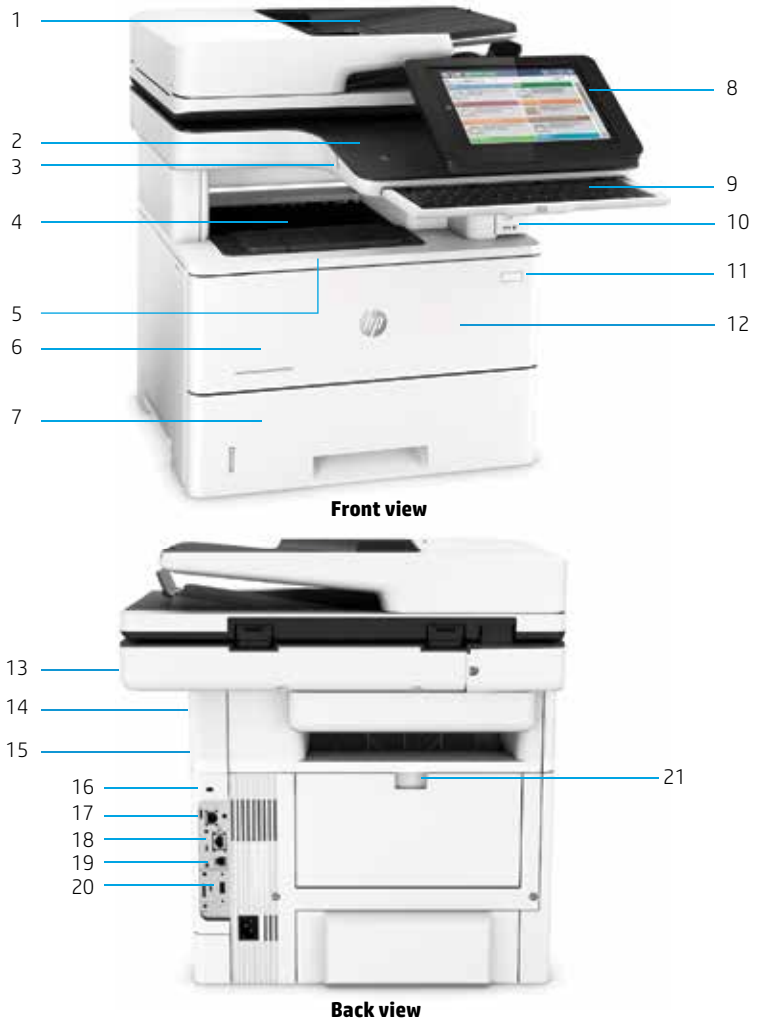### Stay connected with secure mobile printing options

- Enable 128-bit encrypted wireless direct printing from mobile devices—without accessing the network.[4]
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.[6]
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.[7]
- Easily access, print, and share resources with Ethernet and optional wireless networking.[5]

Product walkaround

1   100-sheet automatic document feeder (ADF) with single-pass, two-sided scanning and HP EveryPage

2   Hardware Integration Pocket (HIP)[1] for connecting accessory and third-party devices

3   Easy-access USB port to save and print files directly[2]

4   250-sheet output tray

5   Top cover (access to Original HP Toner cartridges with JetIntelligence)

6   100-sheet multipurpose tray

7   550-sheet tray 2

8   Intuitive 20.3 cm (8-inch) touchscreen control panel

9   Pull-out keyboard for easy, accurate data entry

10 Convenience stapler

11 Convenient front on/off button

12 Built-in automatic duplexer

13 Built-in wireless direct[3] and NFC touch-to-print[4]

14 1.2 GHz MHz processor, 1.25 GB RAM[5]

15 HP High-Performance Secure Hard Disk

16 Slot for optional cable-type security lock

17 Fax port

18 HP Jetdirect Gigabit Ethernet print server

19 Hi-Speed USB 2.0 printing port

20 Hi-Speed USB 2.0 port (for connecting third-party devices)

21 Rear door (access to the print path)

HP LaserJet Enterprise Flow MFP M527z shown

Front view

Back view

Series at a glance

Model	MFP M527dn	MFP M527f	Flow MFP M527z
Product number	F2A76A	F2A77A	F2A78A
Fax	Optional	✓	✓
HP High-Performance Secure Hard Disk	Optional	✓	✓
100-page ADF with single-pass, two-sided scanning	✓	✓	✓ (Plus HP EveryPage)
Advanced workflow capabilities including pull-out keyboard	Not available	Not available	✓
Wireless direct[3] and NFC touch-to-print[4]	Optional	Optional	✓
ENERGY STAR® and Blue Angel certified	✓	✓	✓

[1] Solutions deployed through the Hardware Integration Pocket may require additional purchase. [2] An administrator must enable the easy-access USB port before use. [3] Wireless direct printing is standard on the HP LaserJet Enterprise Flow MFP M527z only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise MFP M527dn/f. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting [4] Touch-to-print capability is standard on the HP LaserJet Enterprise Flow MFP M527z only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise MFP M527dn/f. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting [5] Maximum system memory is 2.5 GB. Maximum usable printer memory is 2 GB with an additional 500 MB of memory available for the scanner. Maximum memory is achieved with the optional 1 GB DIMM (E5K48A) installed.

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. Choose from:

Optimized Care (optimum performance and stability): 4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime): Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support): Next Business Day Onsite Support

4 hr Onsite Support: Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support: Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

Top Features

Work quickly with the fastest first page out from sleep mode—on the most energy-efficient MFP in its class.[1, 3] Launch two-sided printing, scan, and fax right from the touchscreen. Reload paper less often with a 2,300-sheet maximum capacity.[6]

Trust your MFP is secure from power-up to power-down. Get strong protection for devices, data, and documents with embedded and optional security features while centrally managing your entire fleet.[8]

Bring out the best in your MFP. Print more high-quality pages than ever before,[2] using specially designed Original HP Toner cartridges with JetIntelligence. Count on the authentic HP quality you paid for—something the competition can't match.

Enable secure wireless printing in the office—with or without network access[4]—and keep users connected with Ethernet and optional wireless networking. Print with just a touch from mobile devices.[5]

Product

F2A76A	HP LaserJet Enterprise MFP M527dn
F2A77A	HP LaserJet Enterprise MFP M527f
F2A78A	HP LaserJet Enterprise Flow MFP M527z

Accessories

F2A72A	HP LaserJet 550-sheet Paper Tray
F2A73A	HP LaserJet Printer Cabinet
E5K48A	HP 1GB DDR3 x32 144-Pin 800MHz SODIMM
B5L29A	HP Secure High Performance Hard Disk Drive
F5S62A	HP Trusted Platform Module Accessory
CZ208A	HP Common Card Reader
F2A87A	HP Internal USB Ports for M506, M527
B5L28A	HP Internal USB Ports
B5L31A	HP Foreign Interface Harness
J8031A	HP Jetdirect 2900nw Print Server
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
B5L53A	HP LaserJet MFP Analog Fax Accessory 600 (only on M527dn)
A7W12A	HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese (only on M527z)
A7W14A	HP LaserJet Keyboard Overlay Kit Swedish (only on M527z)

Orderable supplies

Q7432A	HP Staple Cartridge Refill (only on M527f and M527z)
B5L52A	HP 200 ADF Roller Replacement Kit

Supplies[7]

CF287A	HP 87A Black Original LaserJet Toner Cartridge (~9,000 pages)
CF287X	HP 87X Black Original LaserJet Toner Cartridge (~18,000 pages)

HP Care Packs

U8TT5E	HP 3-year Next Business Day + DMR LaserJet M527 MFP Hardware Support
U8TT6E	HP 4-year Next Business Day + DMR LaserJet M527 MFP Hardware Support
U8TT7E	HP 5-year Next Business Day + DMR LaserJet M527 MFP Hardware Support
U8TT8E	HP 3-year 4h 9x5 + DMR LaserJet M527 MFP Hardware Support
U8TT9E	HP 4-year 4h 9x5 + DMR LaserJet M527 MFP Hardware Support
U8TU0E	HP 5-year 4h 9x5 + DMR LaserJet M527 MFP Hardware Support
U8TU1E	HP 3-year 4h 13x5 + DMR LaserJet M527 MFP Hardware Support
U8TU2E	HP 4-year 4h 13x5 + DMR LaserJet M527 MFP Hardware Support
U8TU3E	HP 5-year 4h 13x5 + DMR LaserJet M527 MFP Hardware Support
U8TV6PE	HP 1-year Post Warranty Next Business Day + DMR LaserJet M527 MFP Hardware Support
U8TV7PE	HP 2-year Post Warranty Next Business Day + DMR LaserJet M527 MFP Hardware Support
U8TV8PE	HP 1-year Post Warranty 4h 9x5 + DMR LaserJet M527 MFP Hardware Support
U8TV9PE	HP 1-year Post Warranty 4h 13x5 + DMR LaserJet M527 MFP Hardware Support

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Paper

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP Imaging and Printing Security Center: hp.com/go/ipsc

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[1] Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print and copy speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see hp.com/go/Ljclaims [2] More pages versus predecessor cartridges claim based on page-yield comparison of HP 55X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies [3] Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see hp.com/go/Ljclaims [4] Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise MFP M527dn/f. Mobile device needs to be connected directly to the WiFi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting [5] Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server for the HP LaserJet Enterprise MFP M527dn/f. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. [6] Purchase of optional paper trays required to reach maximum input capacity. [7] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/learnaboutsupplies [8] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

3

HP LaserJet Enterprise MFP M527 Series

Technical specifications	HP LaserJet Enterprise MFP M527dn (F2A76A)	HP LaserJet Enterprise MFP M527f (F2A77A)	HP LaserJet Enterprise Flow MFP M527z (F2A78A)
Functions	Print, copy, scan	Print, copy, scan, fax	
Print			
Duplex print options	Automatic (standard)		
Print speed[1]	**Black (normal, A4):** Up to 43 ppm; **Black (normal, letter):** Up to 45 ppm; **Black (Landscape, A5):** Up to 65 ppm; **Black (duplex, A4):** Up to 34 ipm; **Black (duplex, letter):** Up to 36 ipm		
First page out[2]	**Black (A4, ready):** As fast as 5.7 sec ; As fast as 11.2 sec (100 V); **Black (A4, sleep):** As fast as 8.7 sec ; As fast as 13.9 sec (100 V)		
Print technology	Laser		
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 resolution technologies	300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200		
Print cartridges number	1 Black (HP 87A Black Original LaserJet Toner Cartridge ~9,000 pages or HP 87X Black Original LaserJet Toner Cartridge ~18,000 pages)		
Standard print languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7)		
Printer management	UPD Printer Administrator Resource Kit; Active Directory Administrator Template for UPD, AutoUpgradeUPD, Driver configuration Utility, Driver Deployment Utility, Managed Print Administrator, PRNCON.EXE, HPPRLOG, Migrate-Server- Tools, UpdateNow, Remove PlugPlay Drivers; HP Web JetAdmin Software, HP Proxy Agent Software, HP JetAdvantage Security Manager		
Scan			
Scan type/technology	**Type:** Flatbed and ADF, E-duplex CIS; **Technology:** Contact Image Sensor (CIS)		
Scan speed[3]	**Normal, A4:** Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (colour)		**Normal, A4:** Up to 45 ppm/64 ipm (b&w), up to 45 ppm/58 ipm (colour)
Scan resolution	**Enhanced:** Up to 600 dpi; **Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 dpi		
Scan size	**Flatbed/ADF:** 216 x 356 mm (8.5 x 14 in)		
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 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)
Copy			
Copy speed[4]	**Black (normal, A4):** Up to 43 cpm; **Black (normal, letter):** Up to 45 cpm; **Black (duplex, A4):** Up to 34 cpm; **Black (duplex, letter):** Up to 36 cpm		
First copy out	**Black (A4):** As fast as 6.3 sec; As fast as 11.0 sec (100 V); **Black (A4, sleep):** As fast as 9.6 sec; As fast as 15.2 sec (100 V)		**Black (A4):** As fast as 6.3 sec; As fast as 11.0 sec (100 V); **Black (A4, sleep):** As fast as 10.8 sec; As fast as 15.9 sec (100 V)
Copy resolution	**Black (text & graphics):** Up to 600 x 600 dpi (flatbed), 600 x 450 dpi (ADF)		
Max no of copies	Up to 9,999 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[5]	Optional	33.6 kbps; 3 sec per page (letter)	
Fax resolution	Optional	**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Black (standard):** 203 x 98 dpi; **Black & White (fine):** 203 x 196 dpi; **Black & White (superfine):** 300 x 300 dpi; **Black Photo Grayscale:** 300 x 300 dpi (400 x 400 dpi for received faxes only)	
Fax features	Optional	**Auto fax reduction supported:** Yes; **Auto-Redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 1000 numbers (each with 210 destinations); **PC interface supported:** Yes; **Fax polling supported:** Yes (poll to receive only)	
Fax smart software features	Optional	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule	
Connectivity			
Standard connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Fax	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Fax; 802.11 b/g/n with Wireless Direct
Mobile print capability[6]	HP ePrint; Apple AirPrint™; Mopria-certified		HP ePrint; Apple AirPrint™; Mopria-certified; Wireless Direct Printing; NFC touch-to-print
Network ready	Standard (built-in Gigbit Ethernet)		Standard (built-in Gigabit Ethernet), Wi-Fi 802.11 b/g/n
Network capabilities	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, XMPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print		
Wireless capability	Optional, enabled with purchase of HW accessories		Yes, Embedded NFC/HP Wireless Direct
Memory	**Standard:** 1.25 GB (Printer), 500 MB (Scanner); **Maximum:** 2.0 GB (Printer), 500 MB (Scanner)		
Duty cycle[7]	Up to 150,000 pages; **Recommended monthly page volume:[8]** 2,000 to 7,500 pages		
Processor speed	1.2 GHz		
Paper handling			
Input	1 x 550-sheet input tray; 1 x 100-sheet multipurpose tray; 3 x optional additional 550-sheet input trays; **Optional:** 550-sheet tray (add up to 3 trays)		
Output	250-sheet output bin		
Media type	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined		
Media weight	**Tray 1:** 60 to 199 g/m²; **Tray 2+:** 60 to 120 g/m²		
Media sizes custom	**Tray 1:** 76 x 127 to 216 x 356 mm; **Tray 2:** 105 x 148 to 216 x 297 mm; **Optional Trays 3+:** 105 x 148 to 216 x 356 mm		
Dimensions (W x D x H)	482 x 496 x 497 mm (18.98 x 19.52 x 19.55 in)		
Weight	21.9 kg (48.2 lb)	22.0 kg (48.5 lb)	22.3 kg (49.1 lb)
What's in the box	HP LaserJet M527 Printer; HP 87A Black Original LaserJet Toner (~ 9,000 pages); CDs containing software and electronic documentation; User Guide; Support Flyers; Warranty Cards; Required Erratas; Fax cable		
Warranty features	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 award winning service and support options in your region		
Systems			
Compatible operating systems	Windows OS compatible with In-Box Driver; Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.); Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows 7 all 32- & 64-bit editions; Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com); Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc.); Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc.); Windows 7 all 32- & 64-bit editions; Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from HP.com and Apple Store); OS X 10.8 Mountain Lion; OS X 10.9 Mavericks; OS X 10.10 Yosemite; Mobile OS (In-OS drivers); iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP, SUSE Linux (12.2, 12.3, 13.1); Fedora (17, 18, 19, 20); Linux Mint (13, 14, 15, 16, 17); Boss (3.0, 5.0); Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10); Debian (6.0.x, 7.x); Other OS; UNIX		
Minimum system requirements	**PC:** Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.); Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows 7 all 32- & 64-bit editions; Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (For OS hardware requirements see microsoft.com); **Mac:** Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware requirements see apple.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 hp.com/go/laserjetfonts		
Control panel	20.3 cm (8.0-in) colour LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)		20.3 cm (8.0-in) colour LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); Integrated Keyboard
Power	**Power supply type:** Internal (Built-in) power supply; **Power supply required:** Input Voltage: 100 to 127 VAC, 50/60 Hz, 7.5 A (+/- 10%); Input Voltage: 220 to 240 VAC, 50/60 Hz, 4.0 A (+/- 10%) (Not dual voltage, input voltage requirement and supplied power cord varies by part number and option code identifier); **Power consumption:[9]** 671 watts (Printing), 27.8 watts (Ready), 3.2 watts (Sleep), 0.71 watts (Auto-Off/Auto-On), LAN connection: 0.06 watts (Auto-Off), 0.06 watts (Off)		
Software included	**For Windows OS:** HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Send Fax, HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals; **For Mac OS:** Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)		
Acoustic	**Acoustic power emissions:[10]** 6.8 B(A); **Acoustic power emissions (ready):** 4.0 B(A); **Acoustic pressure emissions bystander (active, printing):** 54 dB(A); **Acoustic pressure emissions bystander (ready):** 25 dB(A)		
Environmental ranges	**Operating temperature range:** 15 to 32.5° C (59 to 90.5° F); **Recommended operating temperature:** 17.5 to 25° C (63.5 to 77° F); **Non-operating humidity range:** 10 to 90% RH; **Operating humidity range:** 10 to 80% RH; **Recommended operating humidity range:** 30 to 70% RH		
Security management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in		
Safety approvals and requirements	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		
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint		

[1] 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. [2] Measured using ISO/IEC 17629. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [3] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. [4] First Copy Out and Copy Speed measured using ISO/IEC 29183, 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. [5] Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17. [6] Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at hp.com/go/mobileprinting. [7] 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. [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 typicallty based on measurement of 115 V device. [9] 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. [10] Configuration tested: f bundle, simplex printing, A4 paper at an average of 38 ppm.

To learn more, visit hp.com