

# HP LaserJet Enterprise M604 series



## Outstanding quality – fast results

Keep business moving and produce outstanding print quality. Tackle large jobs and equip your team for success – wherever business leads.<sup>1</sup> Easily manage and expand this fast, versatile printer and help reduce environmental impact.



Less energy



Auto On/Off Technology



2 sided printing



Print instant on technology



Tray input

Only M604dn has 2-sided printing.

### Take productivity to the next level.

- Monitor jobs and settings quickly with the 4-line display and use the 10-key pad for PIN printing.
- Meet high-volume demands with automatic two-sided printing and versatile paper trays – up to 3,600 sheets.<sup>2</sup>
- Improve efficiency. Add paper-handling accessories to presort jobs, print on different media, and more.<sup>3</sup>
- Easily print from virtually anywhere in the office with Ethernet and optional wireless connectivity.<sup>4</sup>

### Meet business needs in the office and beyond.

- Get optional wireless direct printing. Send prints from mobile devices – without accessing the network.<sup>5</sup>
- Add the option to print with a touch of your NFC-enabled mobile device to this printer – no network needed.<sup>6</sup>
- Easily print from a variety of smartphones and tablets – generally no setup or apps required.<sup>1</sup>

### Enjoy advanced capabilities and easy management.

- Easily expand this printer – as solutions advance and your team's needs grow – with add-on, updatable features.
- Protect sensitive data – at rest or in transit – with a variety of embedded and optional security solutions.<sup>7</sup>
- Easily take command of your printing environment from one central location with HP Web Jetadmin.<sup>8</sup>
- Quickly troubleshoot problems using cloud-based help services that are relevant and up to date.<sup>9</sup>

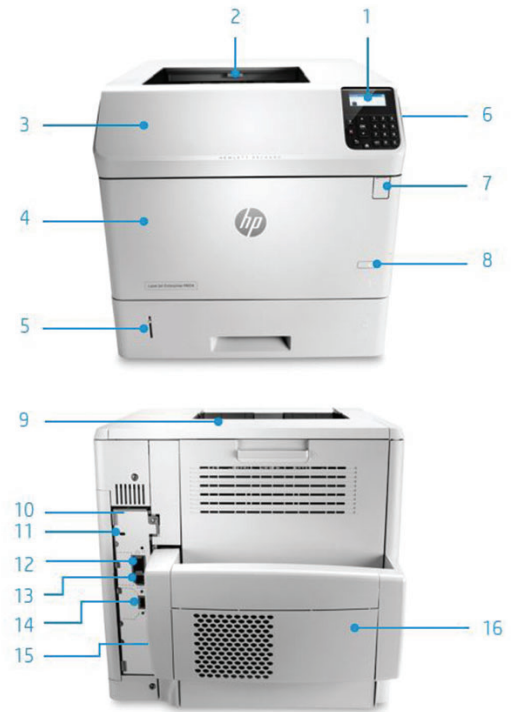
### Increase efficiency and savings with low energy consumption.

- Save energy. HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you don't.<sup>10</sup>
- Conserve resources. This efficient printer consumes less energy than any device in its class.<sup>11</sup>
- Help reduce your impact. Count on easy, free cartridge recycling through HP Planet Partners.<sup>12</sup>

## Product walkaround

### HP LaserJet Enterprise M604dn shown:

1. 4-line LCD control panel with keypad
2. 500-sheet output bin
3. Top cover (access to the toner cartridge)
4. 100-sheet input tray 1
5. 500-sheet input tray 2
6. Hardware Integration Pocket (HIP)
7. Easy-access USB port
8. Convenient front on/off button
9. Output accessory cover
10. 512 MB standard memory (upgradeable to 1.5 GB) and a 1.2 GHz processor
11. Access port for optional Kensington style lock
12. Local area network (LAN) Ethernet (RJ 45) network port
13. Hi-speed USB 2.0 printing port
14. Hi-speed USB 2.0 port for connecting external USB devices
15. Power connection
16. Built-in automatic two-sided printing



## Series at a glance



Model	HP LaserJet Enterprise M604n	HP LaserJet Enterprise M604dn
<b>Product number</b>	E6B67A	E6B68A
<b>Print speed in pages per minute (ppm), A4</b>	50	50
<b>100-sheet multipurpose tray and 500-sheet tray 2</b>	Yes	Yes
<b>Up to four 1 x 500-sheet input trays and 1,500 sheet high capacity input tray</b>	Optional (up to a maximum of 6 trays total)	Optional (up to a maximum of 6 trays total)
<b>Touch-to-print and wireless direct mobile printing</b>	Optional	Optional
<b>HP High-Performance Secure Hard Disk</b>	Optional	Optional
<b>Automatic duplexer</b>	Optional	Yes
<b>ENERGY STAR® and Blue Angel certified</b>	Not available	Yes

## Accessories, Supplies and Support

<b>Supplies</b>	<b>CF281A</b> HP 81A Black Original LaserJet Toner Cartridge 10,500 pages <b>F2G77A</b> HP LaserJet Z20V Maintenance Kit
<b>Accessories</b>	<b>B5L29A</b> HP High-Performance Secure Hard Disk <b>F2G68A</b> HP LaserJet 500-sheet Input Tray Feeder <b>F2G69A</b> HP LaserJet Automatic Duplexer for Two-sided Printing Accessory <b>F2G70A</b> P LaserJet Printer Stand <b>F2G72A</b> HP LaserJet 500-sheet Stapler/Stacker <b>F2G73A</b> HP LaserJet 1500-sheet Input Tray <b>F2G74A</b> HP LaserJet 75-sheet Envelope Feeder <b>F2G75A</b> HP LaserJet Custom Media Cassette Accessory <b>F2G81A</b> HP LaserJet 500-sheet 5-bin Mailbox <b>F5S62A</b> HP Trusted Platform Module Accessory <b>G6W84A</b> P 1 GB 90-pin DDR3 DIMM
<b>Connectivity</b>	<b>B5L28A</b> HP Internal USB Ports
<b>Service and support</b>	<b>U8CM9E</b> HP 3 year Next business day with Defective Media Retention LaserJet M604 Hardware Support <b>U8CN0E</b> HP 3 year 4 hour 9x5 with Defective Media Retention LaserJet M604 Hardware Support <b>U8CN4E</b> HP 4 year Next business day with Defective Media Retention LaserJet M604 Hardware Support <b>U8CN5E</b> HP 5 year Next business day with Defective Media Retention LaserJet M604 Hardware Support <b>U8CQ1PE</b> HP 1 year Post Warranty 4 hour 9x5 with Defective Media Retention LaserJet M604 Support <b>U8CQ4PE</b> HP 1 year Post Warranty Next business day with Defective Media Retention LaserJet M604 Support <b>U8CQ5PE</b> HP 2 year Post Warranty Next business day with Defective Media Retention LaserJet M604 Hardware Support

## Technical specifications

Model	HP LaserJet Enterprise M604n	HP LaserJet Enterprise M604dn
<b>Product number</b>	E6B67A	E6B68A
<b>Print speed<sup>5</sup></b>	Up to 50 ppm black (A4); Up to 33 ipm duplex (A4)	
<b>First page out time<sup>6</sup></b>	As fast as 7.5 sec black (A4, ready)	
<b>Print resolution</b>	Up to 1200 x 1200 dpi black; HP ImageREt 3600 (best)	
<b>Print technology</b>	Laser	
<b>Print Area</b>	Print margins: Top: 5 mm; Bottom: 5 mm; Left: 5 mm; Right: 5 mm	
<b>Print languages</b>	HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, native PDF printing (v1.7)	
<b>Mobile printing capability</b>	HP ePrint, Apple AirPrint™	
<b>Monthly duty cycle<sup>7, 8</sup></b>	Up to 175,000 pages (A4), Recommended monthly page volume: 5,000 to 13,000	
<b>Fonts and typefaces</b>	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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>	
<b>SureSupply supported<sup>9</sup></b>	Yes	
<b>Processor speed</b>	1.2 GHz	
<b>Display</b>	4-line colour LCD display, 3 LED lights (Ready, Data, Attention), buttons (Information, Stop/Cancel, Return, Home, Folder, Clear), 10-key numeric keypad	
<b>Wireless</b>	Optional, enabled with purchase of a pending hardware accessory	
<b>Connectivity</b>	Standard: Hi-Speed USB 2.0 ports (Host and Device); Built-in Gigabit Ethernet 10/100/1000T network port; Hardware Integration Pocket (HIP)	
<b>Network ready</b>	Standard (built-in Gigabit Ethernet)	
<b>Memory</b>	Standard: 512 MB; Maximum: 1.5 GB	
<b>Hard disk</b>	4 GB non-volatile storage, firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure Erase – Disk; Optional, 500 GB HP Secure High Performance Hard Disk Drive	
<b>Media types</b>	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined	
<b>Paper size</b>	Custom metric: Multipurpose tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional 500-sheet input tray: 148 x 210 to 216 x 356 mm; Optional Custom media cassette: 102 x 148 to 170 x 282 mm Supported metric: Multipurpose tray 1: A4, A5, A6, B5 (JIS), B6 (JIS), Dpostcard (JIS), RA4, 10 x 15 cm, envelope (DL ISO, C5 ISO, C6 ISO, B5 ISO); Tray 2, optional 500-sheet input tray: A4, A5, RA4, B5 (JIS); Optional 1,500-sheet High-capacity input tray: A4	
<b>Paper handling<sup>10</sup></b>	Standard input: 100-sheet multipurpose tray 1, 500-sheet input tray 2 Standard output: 500-sheet output bin, 100-sheet rear output bin Optional/Input: Optional 500-sheet input tray, optional Custom media cassette (for tray 2 position only), optional 1,500-sheet High-capacity input tray (add up to 4 additional trays for up to 3,600-sheet input capacity), optional Automatic duplexer for two-sided printing, optional 75-sheet envelope feeder	

Model	HP LaserJet Enterprise M604n	HP LaserJet Enterprise M604dn
<b>Product number</b>	E6B67A	E6B68A
<b>Input capacity</b>	Tray 1: Sheets: 100; Transparencies: 50; Envelopes: 10 Tray 2: Sheets: 500 Tray 3: Sheets: 500 (optional tray 3+); Sheets: 1,500 (optional High-capacity input tray) Maximum: Up to 3,600	
<b>Output capacity</b>	Standard: Up to 600 sheets (500 in the face down bin, 100 in rear face up door), Up to 10 envelopes, Up to 600 sheets Transparencies Maximum: Up to 1,100 sheets (Rear face-up door: up to 100 sheets / Top output bin: up to 500 sheets / Optional 5-bin mailbox, optional stacker, optional stapler-stacker: up to 500 sheets)	
<b>Paper weight</b>	Multipurpose tray 1: 60 to 200 g/m <sup>2</sup> ; Tray 2, optional 500-sheet input tray, optional Custom media cassette, optional 1500-sheet High-capacity input tray: 60 to 120 g/m <sup>2</sup> ; Optional envelope feeder: 75 to 105 g/m <sup>2</sup> ; Optional duplexer: 60 to 120 g/m <sup>2</sup>	
<b>Standard connectivity</b>	Hi-Speed USB 2.0 ports (Host and Device); Built-in Gigabit Ethernet 10/100/1000T network port; Hardware Integration Pocket (HIP)	
<b>Replacement cartridges<sup>3</sup></b>	HP 81A Black Original LaserJet Toner Cartridge (~10,500 pages) CF281A	
<b>Supported network protocols</b>	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, iPrint	
<b>Compatible operating systems<sup>11</sup></b>	Windows OS compatible with In-Box Driver: Windows 10 all (32/64-bit) editions (excluding RT OS for tablets), Windows 8/8.1 all (32/64-bit) editions (excluding RT OS for tablets), Windows 7 all (32/64-bit) editions, Windows Vista all (32-bit) editions (Home Basic, Premium, Professional, etc.); Windows OS compatible with Universal Print Driver (from HP.com): Windows 10 all (32/64-bit) editions (excluding RT OS for tablets), Windows 8/8.1 all (32/64-bit) editions (excluding RT OS for tablets), Windows 7 all (32/64-bit) editions, Windows Vista all (32/64-bit) editions (Home Basic, Premium, Professional, etc.); Mac OS (HP print drivers available from HP.com and Apple Store): OS X 10.7 Lion, 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	
<b>Minimum system requirements</b>	Windows: Windows 10 all 32-bit and 64-bit editions (excluding RT OS for tablets), Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT OS for tablets), Windows 7 all 32-bit and 64-bit editions, Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows OS compatible with Universal Print Driver (from HP.com): Windows 10 all 32-bit and 64-bit editions (excluding RT OS for tablets), Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT OS for tablets), Windows 7 all 32-bit and 64-bit editions, Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.); Mobile OS (In-OS drivers): 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; CD-ROM, DVD drive or Internet connection; Dedicated USB, network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (for OS hardware requirements see <a href="http://www.microsoft.com">http://www.microsoft.com</a> ) Mac: Mac OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; USB; 1 GB available hard disk space; OS compatible hardware (for OS hardware requirements, see <a href="http://www.apple.com">http://www.apple.com</a> )	
<b>Software included</b>	Windows OS: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals; Mac OS: Welcome Screen (directs users to HP.com or OS App Source for LaserJet Software)	
<b>Security management</b>	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; Security management: compatible with HP Imaging and Printing Security Center	
<b>Printer management</b>	Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP Imaging and Printing Security Center; HP Utility (Mac)	
<b>Control panel</b>	4-line colour LCD display, 3 LED lights (Ready, Data, Attention), buttons (Information, Stop/Cancel, Return, Home, Folder, Clear), 10-key numeric keypad	
<b>Printer dimensions (W x D x H)</b>	Minimum: 425 x 451 x 399 mm Maximum: 425 x 840 x 574 mm	Minimum: 425 x 537 x 399 mm Maximum: 425 x 840 x 574 mm
<b>Package dimensions (W x D x H)</b>	589 x 499 x 547 mm	
<b>Printer Weight<sup>1</sup></b>	22.6 kg	25.9 kg
<b>Package weight</b>	25.5 kg	29.3 kg
<b>Operating environment</b>	Temperature: 15 to 32°C, Humidity: 10 to 80% RH	
<b>Storage</b>	Temperature: -30 to 60°C, Humidity: 10 to 90% RH	
<b>Acoustics<sup>4</sup></b>	Acoustic power emissions: 7.1 B(A); Acoustic pressure emissions: 56 dB(A)	
<b>Power<sup>2</sup></b>	Requirements: Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Consumption: 720 watts (printing), 3.9 watts (sleep) Power supply type: Built-in power supply	
<b>Certifications</b>	CISPR 22:2008 EN 55022:2010 Class A, EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries	
<b>What's in the box</b>	HP LaserJet Enterprise M604n Printer; Pre-installed HP Black LaserJet Toner Cartridge; Installation guide, support flyer; Printer documentation and software on CD-ROM; Power cord	HP LaserJet Enterprise M604dn Printer; Pre-installed HP Black LaserJet Toner Cartridge; Pre-installed HP Duplexer; Installation guide, support flyer; Printer documentation and software on CD-ROM; Power cord
<b>Warranty</b>	One-year, on-site warranty	

## Footnotes

<sup>1</sup>Local printing requires mobile device and printer to be on the same network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP Web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See <http://www.hp.com/go/mobileprinting> for more details. Some features require purchase of an optional accessory.; <sup>2</sup>3,600-sheet input capacity requires purchase of additional accessories.; <sup>3</sup>Optional paper-handling accessories must be purchased separately.; <sup>4</sup>Wireless Internet connectivity requires additional purchase for the M604n. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.; <sup>5</sup>Wireless direct printing requires purchase of optional module. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable multifunction printer (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 <http://www.hp.com/go/businessmobileprinting>.; <sup>6</sup>Touch-to-print capability requires purchase of optional accessories. Mobile device must support NFC-enabled printing. For more information, see <http://www.hp.com/go/mobileprinting>.; <sup>7</sup>Some solutions require download or additional purchase. Learn more at <http://www.hp.com/go/printingsolutions>. The encrypted hard disk drive requires an additional purchase.; <sup>8</sup>Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin>.; <sup>9</sup>Online help must be enabled on the printer. Mobile device must have an Internet connection to access online services.; <sup>10</sup>HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.; <sup>11</sup>Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) vs. competitive single-function black-and-white laser printers with print speeds between 51 and 70 pages per minute (ppm) as of November 2014. Actual results may vary.; <sup>12</sup>Programme availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories and regions in Asia, Europe and North and South America through the HP Planet Partners program. For more information, visit <http://www.hp.com/recycle>.

## Technical specifications disclaimers

<sup>1</sup>With cartridges; <sup>2</sup>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.; <sup>3</sup>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 <http://www.hp.com/go/learnaboutsplies>.; <sup>4</sup>Acoustic values are subject to change. For current information, see <http://www.hp.com/support>. Configuration tested: M604dn, simplex printing, A4 paper at an average of 50 ppm.; <sup>5</sup>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.; <sup>6</sup>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.; <sup>7</sup>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.; <sup>8</sup>HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.; <sup>9</sup>HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies. Internet access required. To learn more, visit <http://www.hp.com/go/SureSupply>.; <sup>10</sup>Paper handling accessories are offered separately and with an additional cost. To insure product stability, it is a requirement to purchase the HP LaserJet P4010/P4510/600 Series Printer Stand (F2G70A) when using M604/M605/M606 Printers with more than three HP LaserJet 500-sheet Input Tray Feeders (CE998A), or with one HP LaserJet 1500-sheet Input Tray (CE398A) and more than one HP LaserJet 500-sheet Input Tray Feeder (CE998A).; <sup>11</sup>Not all compatible Operating Systems are supported with In-box software. Full solution software available only for Windows 7 and newer. Legacy Windows Operating Systems (XP, Vista and equivalent servers) get print and scan drivers only. Windows RT OS for tablets (32-bit and 64-bit) uses a simplified HP print driver built into the RT OS. UNIX modelscripts are available on <http://www.hp.com> (modelscripts are printer drivers for UNIX operating systems). Linux systems use in-OS HPLIP software.



Windows 8



<http://www.hp.com/uk>

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