#### **Data sheet**

# HP LaserJet Enterprise M604 series



## A productive printer loaded with manageability, energy savings, and mobile printing features.

Keep business moving and produce outstanding print quality. Tackle large jobs and equip workgroups for success—wherever business leads. Easily manage and expand this fast, versatile printer—and help reduce environmental impact.



**HP LaserJet Enterprise M604n** 



**HP LaserJet Enterprise M604dn** 

#### 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 3600 sheets.<sup>4</sup>
- Improve efficiency. Add paper-handling accessories to presort jobs, print on different media, and more. 5
- Easily print from virtually anywhere in the office with Ethernet and optional wireless connectivity.6

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

- Get optional wireless direct printing. Send prints from mobile devices—without accessing the network.7
- Add the option to print with a touch of your NFC-enabled mobile device to this printer—no network needed.
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.2

#### Advanced capabilities, easy management

- Easily expand this printer as solutions advance and workgroup needs grow, with add-on, updatable features
- Protect sensitive data—at rest or in transit—with a variety of embedded and optional security solutions.
- Easily take command of your printing environment from one central location—with HP Web Jetadmin. 10
- Quickly troubleshoot problems using cloud-based help services that are relevant and up to date.11

#### Less energy, more efficiency and savings

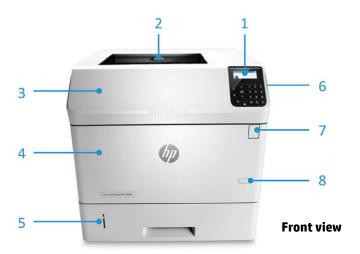
- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you
  don't.<sup>12</sup>
- Conserve resources—this printer has lower total electricity consumption than any device in its class. 13
- Help save time and money with lightweight HP EcoFFICIENT paper—engineered for clean, trouble-free printing.
- Help reduce your impact. Count on easy, free cartridge recycling through HP Planet Partners.<sup>1</sup>

1 Program availability varies. Original HP cartridge return and recycling is currently available in more than 49 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit hp.com/recycle 2 Local printing requires mobile device and printer 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 hp.com/go/mobileprinting for more details. Some features require purchase of an optional accessory, available Fall 2015. 3 Printing speed measured using ISO/IEC 24734 and 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. 43600-sheet input capacity requires purchase of additional accessories. 5 Optional paper-handling accessories must be purchased separately. 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, 7 Wireless direct printing requires purchase of optional module. available Fall 2015, for the Laser Jet Enterprise M604n and M604dn. 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 hp.com/go/businessmobileprinting. <sup>8</sup> Touch-to-print capability requires purchase of optional HP Jetdirect 3000w near-field communications (NFC)/Wireless Accessory, available Fall 2015, for the LaserJet Enterprise M604n and M604dn, Mobile device must support NFC-enabled printing. For more information, see hp.com/go/mobileprinting. Some solutions require download or additional purchase. Learn more at hp.com/go/ printingsolutions. The encrypted hard disk drive requires an additional purchase. 10 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 hp.com/go/webjetadmin 11 Online help must be enabled on the printer. Mobile device must have an Internet connection to access online services. 12 HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings. 13 Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in 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.

#### **Product walkaround**

- 1. 4-line LCD control panel with keypad
- 2. 600-sheet output bin
- 3. Top cover (access to the toner cartridge)
- 4. 100-sheet multipurpose 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

#### **HP LaserJet Enterprise M604dn**





### Series at a glance





Model	HP LaserJet Enterprise M604n	HP LaserJet Enterprise M604dn
Product number	E6B67A	E6B68A
Print speed in pages per minute (ppm), letter/A4³	52/50	52/50
100-sheet multipurpose tray and 500-sheet tray 2	V	√
Up to four 1 x 500-sheet input trays and 1,500-sheet high-capacity input tray	Optional (up to a maximum of 6 trays total)	Optional (up to a maximum of 6 trays total)
Touch-to-print® and wireless direct® mobile printing	Optional	Optional
High-Performance Secure Hard Disk	Optional	Optional
Automatic duplexer	Optional	√
ENERGY STAR® certified	Not available	√

#### **HP Services**

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

#### **Next Business Day with Defective Media Retention:**

Customers can retain their hard disk drive and keep control of sensitive data.

#### Same Day - 4 hour 9x5 and 13x5:

Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

#### **Next Business Day Exchange:**

Exchange of hardware at customers' premise the next business day, if the issue cannot be resolved remotely.

#### Installation Service with Network Setup:

Installation services that include onsite installation and network setup of printing product.

For carepack availability visit: hp.com/go/cpc













#### **Top features**

Set a fast pace with this versatile printer—up to 52 pages per minute (ppm).<sup>3</sup> Easily meet high-volume demands and provide flexible options for different users and paper sizes.

Business is mobile, and so is your workforce. Keep them covered—at their desk, on the way to the office, or stepping off a plane for an important meeting—with easy printing options from mobile devices.2

Streamline fleet management—while giving workgroups the tools to support larger business initiatives. Extend print capabilities as business evolves, enhance security, and customize new solutions seamlessly.

Shrink your energy use while helping your company save money. This HP LaserJet Enterprise printer is designed for low energy consumption. Keep the printing process efficient and produce

Accessories F2G68A - HP LaserJet 500-Sheet Input Tray Feeder

F2G69A - HP LaserJet Auto Duplexer Two Side Print

F2G70A - HP LaserJet Printer Stand

F2G72A - HP LaserJet 500-Sheet Stacker Stapler F2G73A - HP LaserJet 1500-Sheet Input Tray

F2G74A - HP LaserJet 75-Sheet Envelope Feeder

F2G75A - HP LaserJet Custom Media Cassette Accessory

F2G81A - HP LaserJet 500-Sheet 5-Bin Mailbox

B5L28A - HP Two Internal USB Ports

B5L29A - HP Secure High Performance Hard Disk Drive

G6W84A - HP 1GB 90-Pin DDR3 Slim DIMM F5S62A - HP Trusted Platform Module Q3216A - HP 1000-staple Cartridge

#### **Supplies**

F2G76A - HP LaserJet Printer 110V Maintenance Kit

F2G77A - HP LaserJet Printer 220V Maintenance Kit

CF281A - HP 81A Black Original LaserJet Toner Cartridge (~10,500 pages)

#### Services

#### **HP LaserJet Enterprise M604n Series**

U8CM9E - HP 3 year Next Business Day + Defective Media Retention LaserJet M604 Hardware Support

U8CN1E - HP 3 year 4 hour 13x5 + Defective Media Retention LaserJet M604 Hardware Support

U8CN2E - HP 3 year Next Business Day Exchange + Defective Media Retention LaserJet M604 Service

U8CN0E - HP 3 year 4 hour 9x5 + Defective Media Retention LaserJet M604 Hardware Support

U8CN2E - HP 3 year Next Business Day Exchange + Defective Media Retention LaserJet M604 Service

UC742E - Installation for 1 Network Configuration for Personal or Workgroup printer

<sup>&</sup>lt;sup>2</sup> Local printing requires mobile device and printer 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 hp.com/go/mobileprinting for more details. Some features require purchase of an optional accessory, available Fall 2015. <sup>3</sup> Printing speed measured using ISO/IEC 24734 and 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.

#### **HP LaserJet Enterprise M604 series**

Technical Specifications	HP LaserJet Enterprise MoU4N(E6B67A)	HP LaserJet Enterprise MoU40N(E0B08A)		
AIO functions		Print		
Print speed	<b>Letter:</b> Up to 52 ppm black; <sup>5</sup> , <b>First Page Out Black:</b> As fast as 7.5 sec; <sup>6</sup>			
Print resolution	Black (best): Up to 1200 x 1200 dpi			
Print Technology	Laser; <b>Print Resolution Technologies:</b> HP ImageREt 3600 (600 x 600 dpi), HP ProRes 1200 (1200 x 1200 dpi)			
Print Cartridges Number	2 (black)			
Standard Print Languages	·	HP PCL 6, HP PCL 5e , HP Postscript Level 3 emulation, native PDF printing (v 1.7)		
Printer Smart Software Features	HP ePrint, Apple AirPrint, HP Auto-On/Auto-Off Technology, HP FutureSmart Firmware, Easy Access USB, Hardware Integration Pocket, Open Extensibility Platform, HP Web Jetadmin, HP Universal Print Driver, 4-line color display control panel			
Printer Management	Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Admini	strator); HP Web JetAdmin Software; HP Proxy Agent Software; HP Imaging and Printing Security Center; HP Utility (Mac		
Standard Connectivity	Hi-Speed USB 2.0 ports (Host and Device); built-in Gigabit Ethe	rnet 10/100/1000T network port; Hardware Integration Pocket (HIP)		
Network Capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base	Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)		
Network Ready	Standard (built-in Gigabit Ethernet)			
Wireless Capability	Optional, enabled with purchase of a pending hardware accessory			
Mobile Printing Capability	HP ePrint, Apple Air Print™			
Memory		Standard: 512 MB; Maximum: 1.5 GB		
Mass Storage	4GB non-volatile storage, Firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure Erase			
Processor Speed	1.2 GHz / <b>Hard disk:</b> Optional, 500 GB HP Secure High Performance Hard Disk Drive			
Duty Cycle	Monthly, letter: Up to 175,000 pages <sup>7</sup> ; Recommended Monthly Page Volume: 5000 to 13,000 <sup>8</sup>			
Paper Handling	Input Capacities: 100-sheet multipurpose tray 1, 500-sheet input tray 2; Automatic duplexer for two-sided printing (M604dn); Up to 600 sheets standard labels legal; Output Capacities: 500-sheet output bin; 100 rear face up door) standard labels legal; Duplex Options: No(M604n); Yes (M604dn); Envelope Feeder: Yes, 75; Standard Paper Trays: 2; Media Types Supported: Paper (Bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined. Media Weight Supported: Multipurpose tray 1: 16 to 32 lb; Tray 2, optional 500-sheet input tray, optional Custom media cassette, optional 1500-sheet High-capacity input tray: 16 to 32 lb; Optional Envelope feeder: 20 to 28 lb; Optional Duplexer: 16 to 32 lb; Media Sizes Supported: Multipurpose tray 1: letter, legal, executive, statement, 8.5 x 13 in, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelope (commercial No. 9, No. 10, Monarch), US postcard; Tray 2, optional 500-sheet input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet High-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet high-capacity input tray: l			
Product Dimensions	<b>W x D x H:</b> 16.7 x 17.8 x 15.7 in; <b>Maximum:</b> 16.7 x 33 x 22.5 in	<b>W x D x H:</b> 16.7 x 21.1 x 15.7 in; <b>Maximum:</b> 16.7 x 33 x 22.5 in		
Product Weight	49.7 lb <sup>1</sup>	57 lb <sup>1</sup>		
What's in the box	HP LaserJet M604; Pre-installed HP Black LaserJet Toner Cartridge; Installation guide, Support flyer; F	Printer documentation and software on CD-ROM; Power cord; Pre-installed HP Duplexer (only for dn model)		
Warranty Features	One-year	return to bench		
Energy Efficiency Compliance	CECP	Energy Star® certified; Blue Angel; CECP; EPEAT® Silver		
Control Panel	4-line color LCD display, 3 LED lights (Ready, Data, Attention), buttons (Ir	nformation, Stop/Cancel, Return, Home, Folder, Clear), 10-key numeric keypad		
Display Description	4-line LCD (col-	or text and graphics)		
Software Included	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, (Direct users to HP.com or OS App Source for Laser Jet Software)			
Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts			
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-bit, 64-bit) editions (8x81 all (32-bit) editions) (SP3) (32-bit), 64-bit) editions (excluding RT OS for Tablets), Windows 10 all (32-bit, 64-bit) editions (excluding RT OS for Tablets), Windows (Ab Point)			
Compatible Network Operating Systems	Windows Server 2012 R2 (64-bit only), Windows Server 2012 Cluster Support (64-bit only), Windows Server 2012 (64-bit only), Windows Server 2008 Sterver 2008 Server 2008 Serve			
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-bit and 64-bit editions; Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 05 campatible with Universal Print Driver (From HP.com). Windows XP (SP3) 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows Value 13-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions (Excluding RT 05 for Tablets), Windows 10 all 32-bit and 64-bit editions			
Power		7 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual gg), 3.9 watts (Sleep), <0.1 watts (Manual Off), 0.7 watts (Auto-Off/Wake on LAN), <0.1 watts (Auto-Off/Manual On) <sup>2</sup>		
Acoustics	Acoustic Power Emissions: 7.1 B(A): Acoustic Pressure Emissions: 56 dB(A) <sup>4</sup>			
Operating Environment	Operating Temperature Range: 59 to 89.6%; Recommended Operating Temperature: 59 to 89.6%; Storage Temperature Range: -22 to 140%; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 10 to 80% RH			
Security Management	Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPV3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials, Osto, USB port disablement, hardware integration pocket for security solutions; Security management:  Compatible with HP Imaging and Printing Security Center			

HP LaserJet Enterprise M604dn(E6B68A)

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 hp.com/go/learnaboutsupplies. <sup>4</sup> Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: M604dn, simplex printing, A4 paper at an average of 50 ppm. <sup>3</sup> Measured using ISO/IEC 17629. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, of tware 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 printer 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. <sup>7</sup> Io learn more, visit hp.com/go/SureSupply. <sup>10</sup> Paper handling accessories are offered separately and with an additional cost. <sup>7</sup> To insure product stability, it is a requirement to purchase the HP LaserJet 1500-sheet input Tray Feeders (EE998A). <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 Operation Systems (VP, Vista, and equivalent servers) get print and Scan drivers only. Windows RT OS for Tabl

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