

Print only

# HP LaserJet Enterprise M604dn



Keep business moving and produce outstanding print quality. Tackle large jobs and equip workgroups for success—wherever business leads.<sup>2</sup> Easily manage and expand this fast, versatile printer—and help reduce environmental impact.



#### 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>3</sup>
- Improve efficiency. Add paper-handling accessories to presort jobs, print on different media, and more.<sup>4</sup>
- Easily print from virtually anywhere in the office with Ethernet and optional wireless connectivity.<sup>5</sup>



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

- Get optional wireless direct printing. Send prints from mobile devices—without accessing the network.<sup>6</sup>
- Add the option to print with a touch of your NFC-enabled mobile device to this printer—no network needed.<sup>7</sup>
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.<sup>2</sup>



#### 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.<sup>8</sup>
- Easily take command of your printing environment from one central location—with HP Web Jetadmin.<sup>9</sup>
- Quickly troubleshoot problems using cloud-based help services that are relevant and up to date.<sup>10</sup>



#### 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>11</sup>
- Conserve resources—this efficient printer consumes less energy than any device in its class.<sup>12</sup>
- Help save time and money with lightweight HP EcoEFFICIENT paper—engineered for clean, trouble-free printing.
- Help reduce your impact. Count on easy, free cartridge recycling through HP Planet Partners.<sup>1</sup>
- Protect your investment with HP Care Pack. Let our HP certified engineers resolve all your technical issues.<sup>13</sup>



<sup>1</sup> 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](http://hp.com/recycle)

<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](http://hp.com/go/mobileprinting) for more details. Some features require purchase of an optional accessory, available Fall 2015.

<sup>3</sup> 3,600-sheet input capacity requires purchase of additional accessories.

<sup>4</sup> Optional paper-handling accessories must be purchased separately.

<sup>5</sup> Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.

<sup>6</sup> Wireless direct printing requires purchase of optional module, available Fall 2015, for the LaserJet Enterprise 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](http://hp.com/go/businessmobileprinting)

<sup>7</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 M604dn. Mobile device must support NFC-enabled printing. For more information, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting)

<sup>8</sup> Some solutions require download or additional purchase. Learn more at [hp.com/go/printingsolutions](http://hp.com/go/printingsolutions). The encrypted hard disk drive requires an additional purchase.

<sup>9</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 [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin)

<sup>10</sup> Online help must be enabled on the printer. Mobile device must have an Internet connection to access online services.

<sup>11</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.

<sup>12</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>13</sup> For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

## Technical specifications

<b>Functions</b>	Print only
<b>Print</b>	
Duplex print options	Yes
Print speed <sup>1</sup>	<b>Black (normal, A4):</b> Up to 50 ppm; <b>Black (normal, letter):</b> Up to 52 ppm
First page out	<b>Black (A4, ready):</b> As fast as 7.5 sec; <b>Black (normal, ready):</b> As fast as 7.5 sec
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Black (normal):</b> HP ImageRet 3600 (600 x 600 dpi)
Print technology	Laser
Print resolution technologies	HP ImageRet 3600 (600 x 600 dpi), HP ProRes 1200 (1200 x 1200 dpi)
Print cartridges number	1 (black)
Standard print languages	HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, native PDF printing (v 1.7)
Printer management	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>Connectivity</b>	
Standard connectivity	Hi-Speed USB 2.0 ports (Host and Device); built-in Gigabit Ethernet 10/100/1000T network port; Hardware Integration Pocket (HIP)
Mobile printing capability	HP ePrint, Apple AirPrint™
Network ready	Standard (built-in Gigabit Ethernet)
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)
Wireless capability	Optional, enabled with purchase of a pending hardware accessory
<b>Memory</b>	<b>Standard:</b> 512 MB; <b>Maximum:</b> 1.5 GB
<b>Processor speed</b>	1.2 GHz
<b>Duty cycle (monthly)<sup>2</sup></b>	Up to 175,000 pages; <b>Recommended monthly page volume:</b> 5,000 to 13,000 pages
<b>Paper handling</b>	
Input <sup>4</sup>	100-sheet multipurpose tray 1, 500-sheet input tray 2, Automatic duplexer for two-sided printing; <b>Optional:</b> 500-sheet input tray, Custom media cassette (for tray 2 position only), 1500-sheet High-capacity input tray (add up to 4 additional trays for up to 3600-sheet input capacity), Automatic duplexer for two-sided printing, 75-sheet envelope feeder
Output	500-sheet output bin, 100-sheet rear output bin; <b>Optional:</b> 500-sheet stacker, 500-sheet stapler-stacker, 500-sheet 5-bin mailbox
Media type	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined
Media weight	<b>Multipurpose tray 1:</b> 60 to 200 g/m <sup>2</sup> ; <b>Tray 2, optional 500-sheet input tray, optional Custom media cassette, optional 1,500-sheet High-capacity input tray:</b> 60 to 120 g/m <sup>2</sup> ; <b>Optional Envelope feeder:</b> 75 to 105 g/m <sup>2</sup> ; <b>Optional Duplexer:</b> 60 to 120 g/m <sup>2</sup>
Media sizes custom	<b>Multipurpose tray 1:</b> 76 x 127 to 216 x 356 mm; <b>Tray 2, optional 500-sheet input tray:</b> 148 x 210 to 216 x 356 mm; <b>Optional Custom media cassette:</b> 102 x 148 to 170 x 282 mm
<b>Dimensions (W x D x H)</b>	425 x 537 x 399 mm (16.7 x 21.1 x 15.7 in)
<b>Weight</b>	25.9 kg (57 lb)
<b>What's in the box</b>	HP LaserJet M604dn Printer; Pre-installed HP Black LaserJet Toner Cartridge (~10,500 pages); Pre-installed HP Duplexer; Installation guide, Support flyer; Printer documentation and software on CD-ROM; Power cord
<b>Warranty features</b>	One-year return to bench <sup>3</sup>
<b>Systems</b>	
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; Windows 8/8.1 all (32-bit, 64-bit) editions (excluding RT OS for Tablets), Windows 10 all (32-bit, 64-bit) editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com); Windows XP (SP3) (32-bit, 64-bit) editions (XP Home, XP Pro, etc.), Windows Vista all (32-bit, 64-bit) editions (Home Basic, Premium, Professional, etc.), Windows 7 all (32-bit, 64-bit) editions, Windows 8/8.1 all (32-bit, 64-bit) editions (excluding RT OS for Tablets), Windows 10 all (32-bit, 64-bit) editions (excluding RT OS for Tablets); 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; 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	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 (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com); Windows XP (SP3) 32-bit and 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); 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 or 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://microsoft.com">microsoft.com</a> ); <b>Mac:</b> 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://apple.com">apple.com</a> )
<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 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 <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>
<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>Power</b>	<b>Power supply type:</b> Internal (Built-in) power supply; <b>Power supply required:</b> 110-volt input voltage: 100 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage, product varies by part number with # Option code identified); <b>Power consumption:</b> 720 watts (Printing), 3.9 watts (Sleep), <0.1 watts (Manual Off), 0.7 watts (Auto-Off/Wake on LAN), <0.1 watts (Auto-Off/Manual On)
<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>Acoustic</b>	<b>Acoustic power emissions:</b> 7.1 B(A); <b>Acoustic power emissions (ready):</b> 4.2 B(A); <b>Acoustic pressure emissions bystander (active, printing):</b> 56 dB(A); <b>Acoustic pressure emissions bystander (ready):</b> 28 dB(A)
<b>Environmental ranges</b>	<b>Operating temperature range:</b> 15 to 32° C (59 to 89.6° F); <b>Recommended operating temperature:</b> 15 to 32° C (59 to 89.6° F); <b>Non-operating humidity range:</b> 10 to 90% RH; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended operating humidity range:</b> 10 to 80% RH
<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 WPA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTIPS, Certificates, Access Control List, Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTIPS), 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>Safety approvals and requirements</b>	IEC 60950-1:2005 + A1:2009 + A2:2013 (International); EN 60950-1:2006 + A1:2010 + A1:2009 + A1:2011 + A2:2013 (EU); IEC 60825-1:UL/CUL Listed (US/Canada); GS License (Europe); EN 60825-1 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
<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, SLIP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, iPrint

<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.  
<sup>2</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>3</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>4</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>5</sup> Acoustic values are subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: M604dn, simplex printing, A4 paper at an average of 50 ppm.  
<sup>6</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 Printer Stand (F2G70A) when using M604 Printer 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>7</sup> Warranty terms vary from country to country.

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## Ordering information

<b>Number</b>	<b>Description</b>
E6B68A	HP LaserJet Enterprise M604dn Printer
<b>Supplies &amp; Maintenance Kits</b>	
<b>Number</b>	<b>Description</b>
CF281A	HP 81A Black Original LaserJet Toner Cartridge (~10,500 pages)
F2G76A	HP LaserJet Printer 110V Maintenance Kit
F2G77A	HP LaserJet Printer 220V Maintenance Kit
<b>Accessories</b>	
<b>Number</b>	<b>Description</b>
F2G68A	HP LaserJet 500-Sheet Input Tray Feeder
F2G69A	HP LaserJet Auto Duplexer Two Side Print
F2G70A	HP LaserJet Printer Stand
F2G71A	HP LaserJet 500-Sheet Stacker
F2G72A	HP LaserJet 500-Sheet Stacker Stapler
F2G73A	HP LaserJet 1,500-Sheet Input Tray
F2G74A	HP LaserJet 75-Sheet Envelope Feeder
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
F2G75A	HP LaserJet Custom Media Cassette Accessory

### HP Care Pack

<b>Number</b>	<b>Description</b>
U8CM9E	HP 3-year Next Business Day + DMR LaserJet M604 Hardware Support
U8CNOE	HP 3-year 4h 9x5 + DMR LaserJet M604 Hardware Support
U8CN1E	HP 3-year 4h 13x5 + DMR LaserJet M604 Hardware Support
U8CN4E	HP 4-year Next Business Day + DMR LaserJet M604 Hardware Support
U8CN5E	HP 5-year Next Business Day + DMR LaserJet M604 Hardware Support
U8CP4E	HP 5-year 4h 13x5 + DMR LaserJet M604 Hardware Support
U8CP8E	HP 5-year 4h 9x5 + DMR LaserJet M604 Hardware Support
U8CP9E	HP 4-year 4h 9x5 + DMR LaserJet M604 Hardware Support
U8CQ0E	HP 4-year 4h 13x5 + DMR LaserJet M604 Hardware Support
U8CQ1E	HP 1-year Post Warranty 4h 9x5 + DMR LaserJet M604 Support
U8CQ2E	HP 1-year Post Warranty 4h 13x5 + DMR LaserJet M604 Support
U8CQ4E	HP 1-year Post Warranty Next Business Day + DMR LaserJet M604 Support
U8CQ5E	HP 2-year Post Warranty Next Business Day + DMR LaserJet M604 Hardware Support

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### Supported paper

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### Solutions

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