

Print only

# HP LaserJet Enterprise M605x



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



#### Take productivity to the next level

- Equip users to fly through tasks with the intuitive 4.3-inch (10.9 cm) colour touchscreen and 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>
- Print uninterrupted for longer periods of time with high-yield Original HP LaserJet cartridges.<sup>5</sup>



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

- Enable wireless direct printing in the office—from mobile devices—without accessing the network.<sup>6</sup>
- Print with just 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>
- Easily print from virtually anywhere in the office with Ethernet and wireless connectivity.<sup>8</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>9</sup>
- Easily take command of your printing environment from one central location—with HP Web Jetadmin.<sup>10</sup>
- Quickly troubleshoot problems using cloud-based help services that are relevant and up to date.<sup>11</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>12</sup>
- Conserve resources—this efficient printer consumes less total energy than any device in its class.<sup>13</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>14</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> The optional high-yield Original HP LaserJet cartridge must be purchased separately.

<sup>6</sup> Wireless direct printing is standard on the HP LaserJet Enterprise M605x only. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable multi-function 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 is standard on the HP LaserJet Enterprise M605x only. Mobile device must support NFC-enabled printing. For more information, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting)

<sup>8</sup> Wireless Internet connectivity requires purchase of an optional accessory, available Fall 2015, for the M605n and M605dn. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.

<sup>9</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 (HDD) requires an additional purchase.

<sup>10</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>11</sup> Online help must be enabled on the printer or MFP. Mobile device must have an Internet connection to access online services.

<sup>12</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.

<sup>13</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 56 and 70 pages per minute (ppm) as of November 2014. Actual results may vary.

<sup>14</sup> For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

## Technical specifications

Functions	Print only
<b>Print</b>	
Duplex print options	Yes
Print speed <sup>1</sup>	<b>Black (normal, A4):</b> Up to 55 ppm; <b>Black (normal, letter):</b> Up to 58 ppm
First page out	<b>Black (A4, ready):</b> As fast as 7 sec; <b>Black (letter, ready):</b> As fast as 7 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	2 (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 print capability	HP ePrint, Apple AirPrint™, Touch-to-Print, Wireless Direct Printing
Network ready	Standard (built-in Gigabit Ethernet)
Network capabilities	Embedded NFC/HP Wireless Direct support
Wireless capability	Yes, embedded NFC/HP Wireless Direct support
<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 225,000 pages; <b>Recommended monthly page volume:</b> <sup>3</sup> 5,000 to 16,000 pages
<b>Paper handling</b>	
Input <sup>7</sup>	100-sheet multipurpose tray 1, 500-sheet input tray 2, 500-sheet input tray 3, 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 3 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 521 mm (16.7 x 21.1 x 20.5 in)
<b>Weight</b>	32.5 kg (71.5 lb)
<b>What's in the box</b>	HP LaserJet M605x Printer; Pre-installed HP Black LaserJet Toner Cartridge (~1,500 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>8</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 <a href="http://HP.com">HP.com</a> ): 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 (excluding RT OS for Tablets), 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 <a href="http://HP.com">HP.com</a> 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
Minimum system requirements	<b>PC:</b> 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 OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From <a href="http://HP.com">HP.com</a> ): 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 8/8.1 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 or 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 soons 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>	4.3-in touch screen, LCD (colour graphics); 1 Home button
<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 identifier); <b>Power consumption:</b> <sup>4</sup> 840 watts (Printing); 3.7 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 <a href="http://HP.com">HP.com</a> or OS App Store for LaserJet Software), Setup Scan To Folder and Email
<b>Acoustic</b>	<b>Acoustic power emissions:</b> <sup>5</sup> 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> 27 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, 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>Safety approvals and requirements</b>	IEC 60950-1:2005 + A1:2009 + A2:2013 (International); EN 60950-1:2006 + A1:2010 + A1:2009 + A12:2011 + A2:2013 (EU); IEC 60825-1; UL/ULC 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, SLP, 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: M605x, simplex printing, A4 paper at an average of 56 ppm.
- <sup>6</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](http://hp.com/go/learnaboutsupplies)
- <sup>7</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 M605 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>8</sup> Warranty terms vary from country to country.

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4AAs-6741EEP, March 2015

## Ordering information

Number	Description
E6B71A	HP LaserJet Enterprise M605x Printer
<b>Supplies &amp; Maintenance Kits</b>	
Number	Description
CF281A	HP 81A Black Original LaserJet Toner Cartridge (~10,500 pages)
CF281X	HP 81X High Yield Black Original LaserJet Toner Cartridge (~25,000 pages)
F2G76A	HP Color LaserJet Printer 110V Maintenance Kit
F2G77A	HP Color LaserJet Printer 220V Maintenance Kit
<b>Accessories<sup>6</sup></b>	
Number	Description
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
<b>HP Care Pack</b>	
Number	Description
U8CR0E	HP 3-year Next Business Day + DMR LaserJet M605 Hardware Support
U8CR1E	HP 3-year 4h 9x5 + DMR LaserJet M605 Hardware Support
U8CR2E	HP 3-year 4h 13x5 + DMR LaserJet M605 Hardware Support
U8CR5E	HP 4-year Next Business Day + DMR LaserJet M605 Hardware Support
U8CR6E	HP 5-year Next Business Day + DMR LaserJet M605 Hardware Support
U8CS5E	HP 5-year 4h 13x5 + DMR LaserJet M605 Hardware Support
U8CS9E	HP 5-year 4h 9x5 + DMR LaserJet M605 Hardware Support
U8CT0E	HP 4-year 4h 9x5 + DMR LaserJet M605 Hardware Support
U8CT1E	HP 4-year 4h 13x5 + DMR LaserJet M605 Hardware Support
U8CT2E	HP 1-year Post Warranty 4h 9x5 + DMR LaserJet M605 Support
U8CT3E	HP 1-year Post Warranty 4h 13x5 + DMR LaserJet M605 Support
U8CT5E	HP 1-year Post Warranty Next Business Day + DMR LaserJet M605 Support
U8CT6E	HP 2-year Post Warranty Next Business Day + DMR LaserJet M605 Hardware Support
Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Packs, go to <a href="http://hp.com/go/cpc">hp.com/go/cpc</a>	
<b>Supported paper</b>	
Contact HP via phone: Asia: 65 6253 8500	
<b>Solutions</b>	
For more solutions information, please visit <a href="http://hp.com/go/gsc">hp.com/go/gsc</a>	
	
	

