

# HP LaserJet Managed M605 series



## Put outstanding quality and impressive speed to work

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorised Reseller for details.



Color touchscreen



HP Mobile Printing



Less energy



Print instant on technology



Auto On/Off Technology



2 sided printing

Colour touchscreen and NFC/Wifi Direct are standard only on M605xm.

### Take productivity to the next level

- Equip users to fly through tasks with the intuitive 10.9 cm (4.3-inch) colour touchscreen.
- Meet high-volume demands with automatic two-sided printing and versatile paper trays – up to 3,600 sheets.<sup>1</sup>
- Improve efficiency. Add paper-handling accessories to presort jobs, print on different media, and more.<sup>2</sup>
- Print uninterrupted for longer periods of time with high-yield Original HP LaserJet cartridges.<sup>3</sup>

### Meet business needs in the office and beyond

- Enable wireless direct printing in the office – from mobile devices – without accessing the network.<sup>4</sup>
- Print with just a touch of your NFC-enabled mobile device to this printer – no network needed.<sup>5</sup>
- Extend your printing reach. Easily share printing resources on a network with Ethernet connectivity.

### 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>6</sup>
- Easily take command of your printing environment from one central location with HP Web Jetadmin.<sup>7</sup>
- Quickly troubleshoot problems using cloud-based help services that are relevant and up to date.<sup>8</sup>

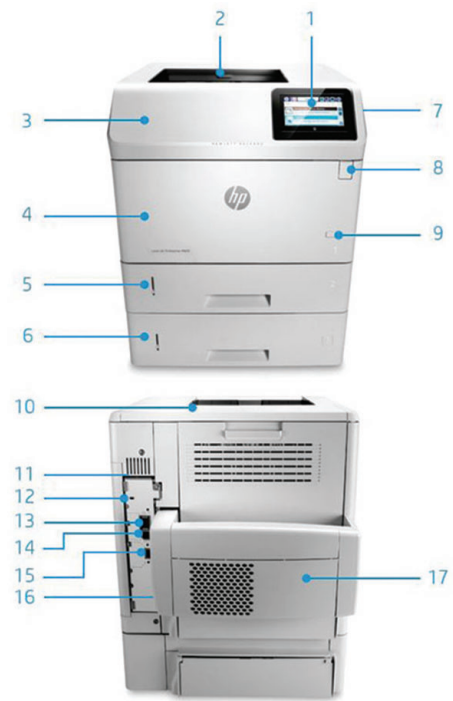
### Increase efficiency and savings with low energy consumption

- Save energy: HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you don't.<sup>9</sup>
- Conserve resources: this printer has lower typical electricity consumption than any device in its class.<sup>10</sup>
- Reduce your impact: count on easy, free cartridge recycling through HP Planet Partners.<sup>11</sup>

## Product walkaround

### HP LaserJet Managed M605xm shown:

1. Intuitive 10.9 cm (4.3-inch) colour touchscreen tilts up for easier viewing
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. 500-sheet input tray 3
7. Hardware Integration Pocket (HIP)
8. Easy-access USB port
9. Convenient front on/off button
10. Output accessory cover
11. 512 MB standard memory (upgradeable to 1.5 GB) and a 1.2 GHz processor
12. Access port for optional Kensington style lock
13. Local area network (LAN) Ethernet (RJ 45) network port
14. Hi-speed USB 2.0 printing port
15. Hi-speed USB 2.0 port for connecting external USB devices
16. Power connection
17. Built-in automatic two-sided printing



## Series at a glance



Model	HP LaserJet Managed M605dnm	HP LaserJet Managed M605xm
<b>Product number</b>	L3U53A	L3U54A
<b>Print speed in ppm, A4</b>	55	55
<b>Control panel</b>	4-line LCD with keypad	10.9 cm (4.3-inch) color touchscreen
<b>100-sheet multipurpose tray and 500-sheet tray 2</b>	Yes	Yes
<b>500-sheet tray 3</b>	Optional	Yes
<b>Up to three 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	Yes
<b>HP High-Performance Secure Hard Disk</b>	Optional	Optional
<b>Automatic duplexer</b>	Yes	Yes
<b>Support for high-capacity toner cartridge</b>	Yes	Yes
<b>ENERGY STAR and Blue Angel certified</b>	Yes	Yes

## Accessories, Supplies and Support

<b>Supplies</b>	<b>CF281XC</b> HP CF281XC High Yield Black Contract Original LaserJet Toner Cartridge 35,000 pages <b>F2G77A</b> HP LaserJet 220V Maintenance Kit 225,000 pages
<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> HP LaserJet Printer Stand <b>F2G71A</b> HP LaserJet 500-sheet Stacker <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> HP 1 GB 90-pin DDR3 DIMM
<b>Connectivity</b>	<b>B5L28A</b> HP Internal USB Ports
<b>Service and support</b>	<b>U8HQ2E</b> HP 3 year Next Business Day with Defective Media Retention LaserJet M605 Managed Hardware Support <b>U8HQ3E</b> HP 4 year Next Business Day with Defective Media Retention LaserJet M605 Managed Hardware Support <b>U8HQ4E</b> HP 5 year Next Business Day with Defective Media Retention LaserJet M605 Managed Hardware Support <b>U8HQ5PE</b> HP 1 year Post Warranty Next Business Day with Defective Media Retention LaserJet M605 Managed Hardware Support <b>U8HQ6PE</b> HP 2 year Post Warranty Next Business Day with Defective Media Retention LaserJet M605 Managed Hardware Support <b>U8HQ7E</b> HP 3 year Next Business Day Channel Remote Parts LaserJet M605 Managed SVC <b>U8HQ8E</b> HP 4 year Next Business Day Channel Remote Parts LaserJet M605 Managed SVC <b>U8HQ9E</b> HP 5 year Next Business Day Channel Remote Parts LaserJet M605 Managed SVC <b>U8HROPE</b> HP 1 year Post Warranty Next Business Day Channel Remote Parts LaserJet M605 Managed SVC

## Technical specifications

Model	HP LaserJet Managed M605dnm	HP LaserJet Managed M605xm
<b>Product number</b>	L3U53A	L3U54A
<b>Print speed<sup>5</sup></b>	Up to 55 ppm black (A4); Up to 36 ipm duplex (A4)	
<b>First page out time<sup>6</sup></b>	As fast as 7 sec black (A4, ready)	
<b>Print resolution</b>	Up to 1200 x 1200 dpi, HP FastRes 1200 (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>Monthly duty cycle<sup>7, 8</sup></b>	Up to 420,000 pages (A4), Recommended monthly page volume: 5,000 to 40,000	
<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	10.9 cm (4.3-inch) touchscreen LCD (colour graphics); 1 Home button
<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, Automatic duplexer for two-sided printing 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	Standard input: 100-sheet multipurpose tray 1, 500-sheet input tray 2, 500-sheet input tray 3, Automatic duplexer for two-sided printing
<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) 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)	

Model	HP LaserJet Managed M605dnm	HP LaserJet Managed M605xm
<b>Product number</b>	L3U53A	L3U54A
<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 1,500-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>What's in the box</b>	HP LaserJet Managed M605dnm 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	HP LaserJet Managed M605xm; 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>Replacement cartridges<sup>3</sup></b>	HP Contractual High Yield Black Original LaserJet Toner Cartridge (35,000 pages) CF281XC	
<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), Setup Scan To Folder and Email	
<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>Printer dimensions (W x D x H)</b>	Minimum: 425 x 537 x 399 mm Maximum: 425 x 840 x 574 mm	Minimum: 425 x 537 x 521 mm Maximum: 425 x 840 x 695 mm
<b>Package dimensions (W x D x H)</b>	589 x 499 x 627 mm	
<b>Printer Weight<sup>1</sup></b>	25.9 kg	32.5 kg
<b>Package weight</b>	29.3 kg	38.4 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: 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) Power supply type: Built-in power supply Typical Electricity Consumption (TEC): 2.926 kWh/Week	
<b>Warranty</b>	One-year, on-site warranty	

## Footnotes

<sup>1</sup>3,600-sheet input capacity requires purchase of additional accessories.; <sup>2</sup>Optional paper-handling accessories must be purchased separately.; <sup>3</sup>The optional high-yield Original HP LaserJet cartridge must be purchased separately.; <sup>4</sup>Feature is available only on the HP LaserJet Enterprise M605xm. Mobile device needs to be connected directly to the WiFi signal 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 <http://www.hp.com/go/mobileprinting>.; <sup>5</sup>Feature is available only on the HP LaserJet Enterprise M605xm. Mobile device must support NFC-enabled printing. For more information, see <http://www.hp.com/go/mobileprinting>.; <sup>6</sup>Some solutions require download or additional purchase. Learn more at <http://www.hp.com/go/printingsolutions>. The encrypted hard disk drive (HDD) requires an additional purchase.; <sup>7</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>8</sup>Online help must be enabled on the printer or MFP. Mobile device must have an Internet connection to access online services.; <sup>9</sup>HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.; <sup>10</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>11</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 programme. 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/learnaboutsupplies>.; <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.



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

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