Data sheet

# HP LaserJet Managed M605 series

## A powerhouse printer loaded with manageability, energy savings, and mobile printing features.[2]

HP Managed MFPs and printers are optimized 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 Authorized Reseller for details.

**HP LaserJet Managed M605dnm**

**HP LaserJet Managed M605xm**

### Take productivity to the next level

- Equip users to fly through tasks with the intuitive 4.3-inch (10.9 cm) color touchscreen and PIN printing.
- Meet high-volume demands with automatic two-sided printing and versatile paper trays—up to 3600 sheets.[4]
- Improve efficiency. Add paper-handling accessories to presort jobs, print on different media, and more.[5]
- Print uninterrupted for longer periods of time with high-yield Original HP LaserJet cartridges.[6]

### Meet business needs in the office and beyond

- Enable wireless direct printing in the office—from mobile devices—without accessing the network.[7]
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.[8]
- Extend your printing reach. Easily share printing resources on a network with Ethernet connectivity.

### 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.[10]
- Easily take command of your printing environment from one central location—with HP Web Jetadmin.[11]
- Quickly troubleshoot problems using cloud-based help services that are relevant and up to date.[12]

### 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.[13]
- Conserve resources—this printer has lower typical electricity consumption than any device in its class.[9]
- 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.[1]

# HP LaserJet Managed M605 series

| Technical Specifications | HP LaserJet Managed M605dnm(L3U53A) | HP LaserJet Managed M605xm(L3U54A) |
|---|---|---|
| AIO functions | Print | |
| Print speed | **Letter:** Up to 58 ppm black; [5]; **First Page Out Black:** As fast as 7 sec; [6] | |
| Print resolution | **Black (best):** Up to 1200 x 1200 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 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 | 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, 4.3" color touchscreen control panel |
| 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) | |
| Standard Connectivity | Hi-Speed USB 2.0 ports (Host and Device); built-in Gigabit Ethernet 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) | Embedded NFC/HP Wireless Direct support |
| Network Ready | Standard (built-in Gigabit Ethernet) | |
| Wireless Capability | Optional, enabled with purchase of a pending hardware accessory | Yes, embedded NFC/HP Wireless Direct support |
| Mobile Printing Capability | HP ePrint, Apple AirPrint™, Mopria-certified | HP ePrint, Apple AirPrint™, Mopria-certified, Touch-to-Print, Wireless Direct Printing |
| Memory | **Standard:** 512 MB; **Maximum:** 1.5 GB | |
| Processor Speed | 1.2 GHz / **Hard disk:** Optional, 500 GB HP Secure High Performance Hard Disk Drive | |
| Duty Cycle | **Monthly, letter:** Up to 420,000 pages[7]; **Recommended Monthly Page Volume:** 5000 to 40,000[8] | |
| Paper Handling | **Input Capacities:** 100-sheet multipurpose tray 1, 500-sheet input tray 2, Automatic duplexer for two-sided printing; Up to 600 sheets standard labels legal; **Output Capacities:** 500-sheet output bin; 100-sheet rear output bin; Up to 600 sheets (500 in the face down bin, 100 in rear face up door) standard labels legal; **Duplex Options:** Yes; **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 53 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, 500-sheet input tray: letter, legal, executive, 8.5 x 13 in; optional 1500-sheet High-capacity Input tray: letter, legal; **Media Sizes Custom:** Multipurpose tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional 500-sheet input tray: 5.83 x 8.27 to 8.5 x 14 in; Optional Custom media cassette: 4.02 x 5.83 to 6.69 x 11.10 in | **Input Capacities:** 100-sheet multipurpose tray 1, 500-sheet input tray 2, 500-sheet input tray 3, Automatic duplexer for two-sided printing; Up to 1100 standard labels legal; **Output Capacities:** 500-sheet output bin; 100-sheet rear output bin; Up to 600 sheets (500 in the face down bin, 100 in rear face up door) standard labels legal; **Duplex Options:** Yes; **Envelope Feeder:** Yes, 75; **Standard Paper Trays:** 3; **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 53 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; **Media Sizes Custom:** Multipurpose tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional 500-sheet input tray: 5.83 x 8.27 to 8.5 x 14 in; Optional Custom media cassette: 4.02 x 5.83 to 6.69 x 11.10 in |
| Product Dimensions | **W x D x H:** 16.7 x 21.1 x 15.7 in; **Maximum:** 16.7 x 33 x 22.5 in | **W x D x H:** 16.7 x 21.1 x 20.5 in; **Maximum:** 16.7 x 33 x 27.4 in |
| Product Weight | 57 lb[1] | 71.5 lb[1] |
| Warranty Features | One-year return to bench | |
| Energy Efficiency Compliance | Energy Star® certified; Blue Angel; CECP; EPEAT® Silver | |
| Control Panel | 4-line color LCD display, 3 LED lights (Ready, Data, Attention), buttons (Information, Stop/Cancel, Return, Home, Folder, Clear), 10-key numeric keypad | 4.3-in touch screen, LCD (color graphics); 1 Home button |
| Display Description | 4-line LCD (color text and graphics) | 4.3-in (10.9-cm) touchscreen LCD (color 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, (Directs users to HP.com or OS App Source for LaserJet Software), Setup Scan To Folder and Email | |
| 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 http://www.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; 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; 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[11] | |
| 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 Standard Edition Enterprise Edition (32-bit), Windows Serve6r 2008 (SP2) (64-bit), Windows Server 2008 SP2 (32-bit),Windows Server 2008 Server Terminal Services (64-bit), Windows Server 2008 Server Terminal Services (32-bit), Windows Server 2008 R2 Standard Edition Enterprise Edition (64-bit only), Windows Server 2008 R2 (SP1) (64-bit only), Windows Server 2008 Enterprise Edition (64-bit), Windows Server 2003 Standard Edition (64-bit), Windows Server 2003 Standard Edition (32-bit), Windows Server 2003 R2 Standard Edition Enterprise Edition (64-bit), Windows Server 2003 R2 Standard Edition Enterprise Edition (32-bit), Windows Server 2003 Enterprise Edition (64-bit), Windows Server 2003 Enterprise Edition (32-bit), Windows Server 2003 2008 R2 - Cluster Support (64-bit), Windows Server 2003 2008 R2 - Cluster Support (32-bit), Windows Server 2003 2008 - Cluster Support (64-bit), Windows Server 2003 2008 - Cluster Support (32-bit), Citrix MetaFrame XP, Presentation Server Feature Release 1, 2, and 3 (32-bit, 64-bit), Citrix MetaFrame® Presentation Server 3.0, Citrix Microsoft Windows Server 2008 Terminal Services, Citrix MS Windows Server 2003 Terminal Services, Citrix MS Windows Server 2003 Terminal Services (32-bit, 64-bit), Citrix MS Windows Server 2008 R2 Terminal Services, Citrix MS Windows Server 2008 Terminal Services (32-bit, 64-bit), Citrix Presentation Server 4.0, Citrix Presentation Server 4.0 (32-bit, 64-bit), Citrix Presentation Server 4.5, Citrix Presentation ServerTM 4.5, Citrix XenApp 5.0, Citrix XenApp 5.0, Citrix XenApp 5.0 Feature Pack 2 & 3 (32-bit, 64-bit), Citrix XenApp 5.0 Feature Pack 2 & 3 (32-bit, 64-bit), Citrix XenApp 6.0, Citrix XenApp 6.5, Citrix XenDesktop 5.6 (32-bit, 64-bit); HP-UX 10.20, 11.x, 11.i, IBM AIX 3.2.5 or higher, Linux Red Hat 7.x or higher, Linux SuSe 8.x or higher, Novell NetWare 6.5 (SP8) minimum for full Vista, Novell NetWare 6.5 (SP8) minimum for full Win7, Novell NetWare 6.5 SP8 minimum for full XP (SP7 if only XP), Novell Novell iPrint Client v5.4 for Vista (x86 and x64), Novell Novell iPrint Client v5.4 for Win7 (x86 and x64), Novell Novell iPrint Client v5.4 for Win XP (x86 and x64), Novell Novell Open Enterprise Server 2 (Linux), Solaris 2.5 or higher (SPARC systems only) | |
| 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 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 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, 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 http://www.microsoft.com); **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 http://www.apple.com) | |
| Power | **Power Supply Type:** Internal (Built-in) power supply; **Power Requirements:** 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); **Power 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)[2] | |
| Acoustics | **Acoustic Power Emissions:** 7.1 B(A); **Acoustic Pressure Emissions:** 56 dB(A)[4] | |
| Operating Environment | **Operating Temperature Range:** 59 to 89.6°F; **Recommended Operating Temperature:** 59 to 89.6°F; **Storage Temperature Range:** -22 to 140°F; **Non-Operating Humidity Range:** 10 to 90% RH; **Operating Humidity Range:** 10 to 80% RH; **Recommended Humidity Operating 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; Device: Security lock slot, USB port disablement, hardware integration pocket for security solutions; Security management: Compatible with HP Imaging and Printing Security Center | |

[1] With cartridges [2] 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. [3] 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. [4] 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. [5] Measured using ISO/IEC 24734, 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. [6] Measured using ISO/IEC 17629. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [7] 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. [8] 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. [9] 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 hp.com/go/SureSupply. [10] 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). [11] 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 (XP, Vista, and equivalent servers) get print and Scan drivers only. Windows RT OS for Tablets (32-bit, 64-bit) uses a simplified HP print driver built into the RT OS. UNIX modelscripts are available on hp.com (Models cripts are printer drivers for UNIX operating systems). Linux systems use in-OS HPLIP software.

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