## **Data sheet**

# HP LaserJet Enterprise M605 series



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

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



**HP LaserJet Enterprise M605n** 



HP LaserJet Enterprise M605dn



**HP LaserJet Enterprise M605x** 

## 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.<sup>4</sup>
- 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
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.2
- Easily print from virtually anywhere in the office with Ethernet and optional wireless connectivity.9

# 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.<sup>11</sup>
- Quickly troubleshoot problems using cloud-based help services that are relevant and up to date.12

## Less energy, more efficiency and savings

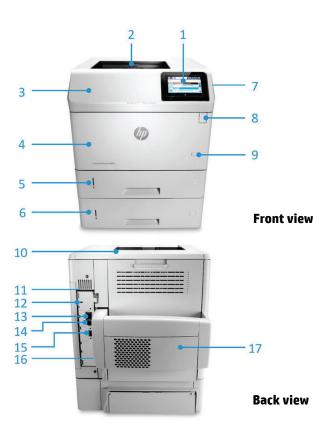
- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you don't.<sup>13</sup>
- Conserve resources—this printer has lower typical electricity consumption than any device in its class.<sup>14</sup>
- Help save time and money with lightweight HP EcoFFICIENT paper—engineered for clean, trouble-free printing.
- Help reduce your impact. Count on easy, free cartridge recycling through HP Planet Partners.

1 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 whereive 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. 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 3 5800-sheet input capacity requires purchase of additional accessories. Poptional paper-handing accessories must be purchased separately. The potional high-yield Original HP Laser let cartridge must be purchased accessories. Poptional high-yield Original HP Laser let more from the access point in the MP or printer printing. Depending on 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 needs to be connected directly to the Wi-Fi network of a wireless direct-capable multi-function printer (MFP) or printer prior to printing. Popending on mobile device an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access po

# **HP LaserJet Enterprise M605x**

# **Product walkaround**

- 1. Intuitive 4.3-inch (10.9 cm) color touchscreen tilts up for easier viewing (Available on the X bundle only)
- 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. 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 Enterprise M605n	HP LaserJet Enterprise M605dn HP LaserJet Enterprise M605x	
Product number	E6B69A	E6B70A	E6B71A
Print speed in ppm, letter/A4 <sup>3</sup>	58/55	58/55	58/55
Control panel	4-line LCD with keypad	4-line LCD with keypad	4.3-inch (10.9 cm) color touchscreen
100-sheet multipurpose tray and 500-sheet tray 2	$\checkmark$	$\checkmark$	$\checkmark$
500-sheet tray 3	Optional	Optional	$\sqrt{}$
Up to three 1 x 500-sheet input trays and 1,500 sheet high-capacity input tray <sup>4</sup>	Optional (up to a maximum of 6 trays total)	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	$\checkmark$
High-Performance Secure Hard Disk	Optional	Optional	Optional
Automatic duplexer	Optional	$\sqrt{}$	$\sqrt{}$
Support for high-capacity toner cartridge	√	$\sqrt{}$	$\sqrt{}$
ENERGY STAR certified	Not available	$\checkmark$	$\checkmark$

# **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**

Stay ahead of schedule with this swift and versatile printer—up to 58 pages per minute (ppm).<sup>3</sup> Easily meet high-volume demands and provide flexible options for multiple 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 from mobile devices?

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 less waste.

#### **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 (225K yield)

F2G77A - HP LaserJet Printer 220V Maintenance Kit (225K yield)

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

CF281X - HP 81X High Yield Black Original LaserJet Toner Cartridge (~25,000 pages)

# Services

## **HP LaserJet Enterprise M605 Series**

U8CROE - HP 3 year Next Business Day + Defective Media Retention LaserJet M605 Hardware Support

U8CR2E - HP 3 year 4 hour 13x5 + Defective Media Retention LaserJet M605 Hardware Support

U8CR3E - HP 3 year Next Business Day Exchange + Defective Media Retention LaserJet M605 Service

U8CR1E - HP 3 year 4 hour 9x5 + Defective Media Retention LaserJet M605 Hardware Support

U8CR4E - HP 3 year Return + Defective Media Retention LaserJet M605 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 M605 series**

Technical Specifications	HP LaserJet Enterprise M605n(E6B69A)	HP LaserJet Enterprise M605dn(E6B70A)	HP LaserJet Enterprise M605x(E6B71A)		
AIO functions		Print			
Print speed	Letter: Up to 58 ppm black; <sup>5</sup> , First Page Out Black: As fast as 7 sec; <sup>6</sup>				
Print resolution		Black (best): Up to 1200 x 1200 dpi			
Print Technology	Laser; Print Res	solution 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 Se , 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 Pirt Driver, 4.3" color touchscreen control panel		
Printer Management			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, Ap	pple AirPrint™	HP ePrint, Apple AirPrint™, Touch-to-Print, Wireless Direct Printing		
Memory		Standard: 512 MB; Maximum: 1.5 GB			
Mass Storage	4GB non-volatile storage, Firmwa	re encryption (AES 128 or AES 256) of customer/job data; Secure Cryptograph	ic Erase – Job Data, Secure Erase		
Processor Speed	1.	2 GHz / <b>Hard disk:</b> Optional, 500 GB HP Secure High Performance Hard Disk D	rive		
Duty Cycle	Monthly, letter: Up to 225,000 pages <sup>7</sup> ; Recommended Monthly Page Volume: 5000 to 16,000 <sup>8</sup>				
Paper Handling	Input Capacities: 100-sheet multipurpose tray 1, 500-sheet input tray 2; 500-sheet input tray 3 (M605x), Automatic duplexer for two-sided printing (M605xh, M605xh, Up to 6.00 sheets standard labels legalik (Doss), Up to 6.00 sheets 1, 100-sheet rear output bir, lity 10 os-sheet standard labels legalik (Doss), Up to 6.00 sheets 1, 100 sheets 1, 100 sheets 1, 100 sheets 1, 100 sheet 1, 100 sheets 1, 100 she				
Product Dimensions	W x D x H: 16.7 x 17.8 x 15.7 in; Maximum: 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	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	49.7 lb <sup>1</sup>	57 lb <sup>1</sup>	71.5 lb <sup>1</sup>		
What's in the box		I. ge; Installation guide, Support flyer; Printer documentation and software on C			
Warranty Features		One-year return to bench			
Energy Efficiency Compliance	CECP		e Angel: CECP: EPEAT® Silver		
Control Panel	CECP Energy Star® certified; Blue Angel; CECP, EPEAT® Silver  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				
	4-line Color LLD display, 3 LED lights (keady, Data, Attention), buttons (information, Stopicance), Return, Home, Folder, Llearly, 10-key numeric keypad 4.3-in (10.9-cm) touch screen, LLD (color text and graphics) 4.3-in (10.9-cm) touch screen LCD (color text and graphics)				
Display Description Software Included	4-line LCD (color text and graphics) 4-sin (10.9-cm) (buchstreen LCD (color graphics) 4.3-in (10.9-cm) (buchstreen LCD (color graphics)				
	users to HP.com or OS App Source for Laser Jet 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 Laser Jet 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 (Windows XP SP3 all 32-bit, 64-bit) editions (Windows XP SP3 all 32-bit, 64-bit) editions (SP Home, XP Pro, etc.), Windows Vista all (32-bit, 64-bit) editions (SP Home, XP Pro, etc.), Windows Vista all (32-bit, 64-bit) editions (Windows XP (SP3) (32-bit, 64-bit) editions, Windows XP (SP3) (32-bit, 64-bit) editions, Windows SP3.1 all (32-bit, 64-bit) editions (excluding RT OS for Tablets), Windows SP3.1 all (32-bit, 64-bit) editions (excluding RT OS for Tablets), Windows SP3.1 all (32-bit, 64-bit) editions (excludin				
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 Server 2009 Server 2008 Server 2008 Server 2009 Server 2008 Server 2009 Server				
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 Vista all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (SV Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (Windows XP (SP3) 32-bit and 64-bit editions (Windows XP (S				
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) <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°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 IPI maging and Printing Security Center.				

1 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/plearnaboutsupplies. <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>5</sup> Measured using ISO/IEC 17629. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, 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>8</sup> HP SureSupply along the supply along the supplies of the printer and the page 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>8</sup> HP SureSupply along the supply 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> 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). <sup>11</sup> Not all Compatible Operating Systems are supported with In-box software. Fu

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