# HP LaserJet Enterprise M605 Series\*



A powerhouse printer loaded with manageability, energy savings, and mobile printing features.<sup>2</sup>

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.



**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) 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>
- 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.<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>

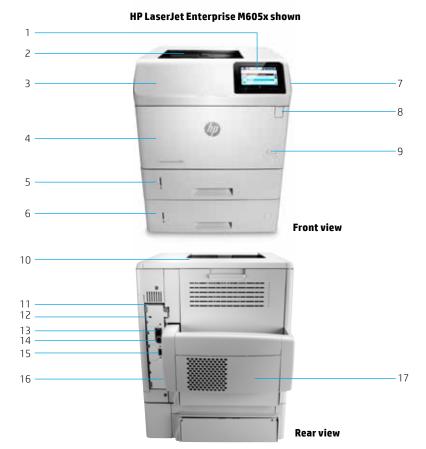
# Less energy, more efficiency and savings

- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you don't.12
- Conserve resources—this printer has lower typical electricity consumption than any device in its class.<sup>8</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.
- Protect your investment with HP Care Pack. Let our HP certified engineers resolve all your technical issues.<sup>13</sup>

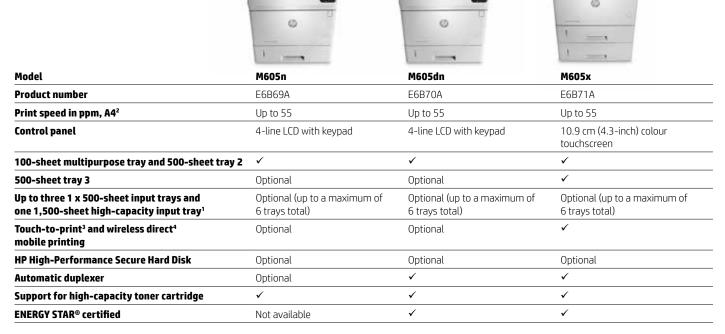
SKUs availability may vary by country. ¹ Program availability varies. Original HP cartridge return and recycling is currently available in more than 49 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit 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 with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details. ³ 3,600-sheet input capacity requires purchase of additional accessories. ⁴ Optional paper-handling accessories must be purchased separately. ⁵ The optional high-yield Original HP LaserJet cartridge must be purchased separately. ⁵ Feature is available only on the HP LaserJet Enterprise M605x. 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 hp.com/go/mobileprinting. ⁵ Based on HP testing using the BNERGY STAR® programs Typical Electricity Consumption (TEC) method or as reported in 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. ⁵ Some solutions require download or additional purchase. Learn more at hp.com/go/printingsolutions. The encrypted hard disk dr

# **Product walkaround**

- 1 Intuitive 10.9 cm (4.3-inch) colour touchscreen tilts up for easier viewing
- 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)
- 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



<sup>&</sup>lt;sup>1</sup> 3,600-sheet input capacity requires purchase of additional accessories, up to a maximum of 6 trays total for up to 3,600-sheet input capacity. To insure product stability, it is a requirement to purchase the HP LaserJet Printer Stand (F2G70A) when using M605 Printers with more than three HP LaserJet 500-sheet Input Tray Feeders (F2G68A), or with one HP LaserJet 1,500-sheet Input Tray (F2G73A) and more than one HP LaserJet 500-sheet Input Tray Feeder (F2G68A). <sup>2</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. Print speeds are up to 55 ppm, 44 (58 ppm, letter) for the HP LaserJet Enterprise M605 series. <sup>1</sup> Touch-to-print capability is standard on the HP LaserJet Enterprise M605 not). Requires purchase of optional HP Jetdirect 3000w near field communications (NFC)/Wireless Accessory, available Fall 2015, for the HP LaserJet Enterprise M605x only. Requires purchase of optional HP Jetdirect 3000w near field communications (NFC)/Wireless direct printing is standard on the HP LaserJet Enterprise M605x only. Requires purchase of optional HP Jetdirect 3000w near field communications (NFC)/Wireless Accessory, available Fall 2015, for the HP LaserJet Enterprise M605x only. Requires purchase of optional HP Jetdirect 3000w near field communications (NFC)/Wireless Accessory, available Fall 2015, for the HP LaserJet Enterprise M605x only. Requires purchase of optional HP Jetdirect 3000w near field communications (NFC)/Wireless Accessory, available Fall 2015, for the HP LaserJet Enterprise M605x only. Requires purchase of optional HP Jetdirect 3000w near field communications (NFC)/Wireless Accessory, available Fall 2015, for the HP LaserJet Enterprise M605x only. Requires purchase of optional HP Jetdirect 3000w near field communications (NFC)/Wireless Accessory, available Fall 2015, for the HP LaserJet Enterprise M605x on

# **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.

Choose from:

**Optimized Care (optimum performance and stability):** 4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

#### Standard Care (high level of uptime): Next

Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

**Basic Care (minimum recommended support):** Next Business Day Onsite Support

**4 hr Onsite Support:** Onsite support within four hours after a service call received within the coverage window

**Next Business Day Onsite Support:** Onsite service the next business day after the service call is received

## **Maintenance Kit Replacement Service:**

Onsite replacement of your printer's maintenance kit including parts, materials, and labor

**Installation with Network Configuration Service:** Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

















# **Top Features**

**Product** 

Stay ahead of schedule with this swift and versatile printer—up to 58 pages per minute (ppm).<sup>2</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.<sup>1</sup>

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.

E6B69A E6B70A E6B71A	HP LaserJet Enterprise M605n HP LaserJet Enterprise M605dn HP LaserJet Enterprise M605x
Accessories	
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

#### Supplies & Maintenance Kits<sup>3</sup>

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 LaserJet Printer 110V Maintenance Kit
F2G77A	HP LaserJet Printer 220V Maintenance Kit

#### **HP Care Packs**

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 Pack, go to hp.com/go/cpc

#### Pape

Contact HP via phone: Asia: 65 6253 8500

#### Solutions

HP Web Jetadmin: hp.com/go/wja

HP Universal Print Driver: <a href="hp.com/go/upd">hp.com/go/upd</a>

HP Imaging and Printing Security Center: hp.com/go/ipsc

HP LaserJet Fonts, Barcodes, and IPDS Emulation available at hp.com/go/laserjetfonts

To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/gsc

<sup>&</sup>lt;sup>1</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. 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. <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/learnaboutsupplies

# **HP LaserJet Enterprise M605 Series**

Technical specifications	HP LaserJet Enterprise M605n (E6B69A)	HP LaserJet Enterprise M605dn (E6B70A)	HP LaserJet Enterprise M605x (E6B71A)			
Functions Print		Print only				
Duplex print options	Manual (Automatic optional)	Auto	matic			
Print speed <sup>1</sup>		nck (normal, A4): Up to 55 ppm; Black (normal, letter): Up to 58				
First page out	Black (A4, ready): As fast as 7 sec; Colour (A4, ready): As fast as 7 sec;					
Print technology	Black (A4, ready): As fast as 7 sec; Lolour (A4, ready): As fast as 7 sec  Laser					
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): HP ImageREt 3600 (600 x 600 dpi)					
Print resolution technologies	Н	P ImageREt 3600 (600 x 600 dpi), HP ProRes 1200 (1200 x 1200 c	lpi)			
Print cartridges number		2 (black)				
Standard print languages		6, HP PCL 5e , HP Postscript Level 3 emulation, native PDF printin				
Printer management	Printer Administrator Resource Kit (Driver Configuration Utility,	Driver Deployment Utility, Managed Printing Administrator); HP We Printing Security Center; HP Utility (Mac)	b JetAdmin Software; HP Proxy Agent Software; HP Imaging ar			
Connectivity						
Standard connectivity	HP ePrint; Apple Airl	Print™; Ethernet; USB	HP ePrint; Apple AirPrint™; USB; Wireless direct printing;			
Mobile print capability <sup>2</sup>	HP ePrint, Al	HP ePrint, Apple AirPrint™				
Net colone do		Canada de de la Canada Fabranca	Printing			
Network ready	Via LID latdinast Ethanast amb added print source (standard) supp	Standard (built-in Gigabit Ethernet)	Embedded NFC/HP Wireless Direct support			
Network capabilities	on Fast Ethernet and Gigab	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		of a pending hardware accessory	Yes, embedded NFC/HP Wireless Direct support			
Memory	512 MB standard (expandable to 1.5 GB through one 90-pin SDRAM slot)					
Duty cycle <sup>3</sup>	Up to 225,000 pages; Recommended monthly page volume: \$5,000 to 16,000 pages					
Processor speed		1.2 GHz				
Paper handling Input <sup>8</sup>	100-sheet multipurpose tray 1, 500-sheet input tray 2;  Optional: 500-sheet input tray, Custom media cassette (for tray 2 position only), 1,500-sheet High-capacity input tray (add up to 4 additional trays for up to 3,600-sheet input capacity), Automatic duplexer for two-sided printing, 75-sheet envelope feeder	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), 1,500-sheet High-capacity input tray (add up to 4 additional trays for up to 3,600-sheet input capacity), Automatic duplexer for two-sided printing. 75-sheet envelope feeder	100-sheet multipurpose tray 1, 500-sheet input tray 2, 500-sh input tray 3, Automatic duplexer for two-sided printing; <b>Option</b> 500-sheet input tray, Custom media cassette (for tray 2 positionly), 1,500-sheet High-capacity input tray (add up to 4 additio trays for up to 3,600-sheet input capacity), Automatic duplexufor two-sided printing, 75-sheet envelope feeder			
Output		et rear output bin; <b>Optional:</b> 500-sheet stacker, 500-sheet stapler-				
Media type	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined					
Media weight	Multipurpose tray 1: 60 to 200 g/m²; Tray 2, optional 500-sheet input tray; optional Custom media cassette, optional 1,500-sheet High-capacity input tray: 60 to 120 g/m²; Optional Envelope feeder: 75 to 105 g/m²; Optional Duplexer: 60 to 120 g/m²					
Media sizes custom	Multipurpose tray 1: 76 x 127 to 216 x 356 mm; Tray 2,	optional 500-sheet input tray: 148 × 210 to 216 × 356 mm; Opti	onal Custom media cassette: 102 x 148 to 170 x 282 mm			
Dimensions (W x D x H)	425 x 451 x 399 mm (16.7 x 17.8 x 15.7 in)	425 x 451 x 399 mm (16.7 x 21.1 x 15.7 in)	425 x 537 x 521 mm (16.7 x 21.1 x 20.5 in)			
Weight	22.6 kg (49.7 lb)	22.6 kg (57 lb)	32.5 kg (71.5 lb)			
What's in the box	HP Laser Jet M605n Printer; Pre-installed HP Black Laser Jet Toner Cartridge; Installation guide, Support flyer; Printer documentation and software on CD-ROM; Power cord	HP LaserJet M605dn Printer; Pre-installed HP Black LaserJet Toner Cartridge; Pre-installed HP Duplexer; Installation guide, Support flyer; Printer documentation and software on CD-ROM; Power cord	HP LaserJet M605x Printer, Pre-installed HP Black LaserJe Toner Cartridge; Pre-installed HP Duplexer; Installation guid Support flyer; Printer documentation and software on CD-R0M; Power cord			
Warranty features	One-year return to bench <sup>7</sup>					
Systems 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.), Window 7 all (32-bit, 64-bit) editions; Windows 8/8.1 all (32-bit, 64-bit) editions; Windows 0S compatibe 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 (SP-bit, 64-bit) editions; Excluding RT OS for Tablets); Windows 10 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 10 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 10 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 10 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 10 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 10 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 10 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 10 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 10 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 10 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 10 all (32-bit, 64					
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 editions (SW Home, XP Pro, etc.), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), 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 1 and 64-bit editions (Excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS for Tablets), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sablets), etc.), Windows 1 all 32-bit and 64-bit editions (Excluding RT OS For Sa					
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 Interna Windows Vista 8 Fonts (Calibri, Cambria); additional font soions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts					
Control panel	10-key nur	4-line colour LCD display, 3 LED lights (Ready, Data, Attention), buttons (Information, Stop/Cancel, Return, Home, Folder, Clear), 10-key numeric keypad				
Power	Power supply type: Internal (Built-in) power supply; Power supply required: 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/Make on LAN), <0.1 watts (Auto-Off/Manual On)					
Software included	Windows 05: 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 05: Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software), Setup Scan To Folder and Email					
Acoustic	Acoustic power emissions: 67.1 B(A); Acoustic power emissions (ready): 4.2 B(A); Acoustic pressure emissions bystander (active, printing): 56 dB(A); Acoustic pressure emissions bystander (ready): 27 dB(A)					
Environmental ranges	Operating temperature range: 15 to 32° C (59 to 89.6° F); Recommended operating temperature: 15 to 32° C (59 to 89.6° F); Non-operating humidity range: 10 to 80% RH; Operating humidity 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 WIA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP EAP-TLS), SNMPV3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted DPF & 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					
	Credentials; Device: Security lock slot, USB port disablement. h	aruware integration pocket for Security Solutions, Security manade	ement: Compatible with HP imaging and Printing Security Cente			
Safety approvals and requirements	IEC 60950-1:2005 + A1:2009 +A2:2013 (International); EN 6	ion dware integration pocket for security solutions, security mariage 10950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 (EU); Voltage Directive 2006/95/EC with CE Marking (Europe); other safe	IEC 60825-1; UL/cUL Listed (US/Canada); GS License (Europe);			

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.

May require a firmware upgrade to be compatible, download at hp.com/go/support. <sup>3</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>6</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>5</sup> Power requirements are based on the country/region where the printer and vomere the printer and vomere the printer and vomere the printer and vomere the printer is sold.

Do not convert operating voltages. This will damage the printer and volt the product warranty. <sup>6</sup> Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: MoSSx, simplex printing, A4 paper at an average of 56 ppm. <sup>7</sup> Warranty terms vary from country to country. <sup>8</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 Forder (E5998A), or with one HP LaserJet 1,500-sheet Input Tray Feeder (CE998A).

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