

# HP LaserJet Enterprise 600 M603



HP's fastest workgroup laser printer easily tackles large-volume print jobs. Manage printing policies to reduce costs, and experience first-rate expandability. Improve security and quickly adapt to changes within your managed printing environment.



### Get heavy-duty reliability and breakthrough speed.

- Boost productivity with fast print speeds up to 60 ppm<sup>1</sup>, and print from sleep mode quickly, thanks to Instant-on Technology<sup>2</sup>.
- Manage workflow via the 4-line colour control panel and get quick prints from a USB flash drive.
- Easily meet high-volume demands with automatic two-sided printing<sup>3</sup>, up to four 500-sheet paper trays<sup>4</sup>, a 100-sheet multipurpose tray and capacity of up to 3,600 sheets<sup>5</sup>.
- Replace toner cartridges easily with simple one-door access and enjoy quiet, clean performance.



### Achieve outstanding energy and paper savings.

- Cut energy use as much as 45%, compared to a majority of competing laser printers<sup>6</sup>. Reduce it even more with HP Auto-On/Auto-Off Technology which turns the printer on/off based on network activity<sup>7</sup>.
- Track usage data in real time and apply custom energy-saving options and printer settings with the HP EcoSMART Console<sup>8</sup>.
- Reduce paper use by up to 50% with automatic two-sided printing<sup>3</sup>.
- Pre-installed Original HP toner cartridges reduce waste. Recycle them for free through HP Planet Partners<sup>9</sup>.

### Experience secure printing with minimal intervention.

- Protect confidential data stored on your printer, with the HP High-Performance Secure Hard Disk<sup>10</sup>.
- Enhance security on all networked devices: the IPv6 protocol and IPSec security let you expand your network while keeping data safe.
- Take control of printing practices and enforce security policies, using HP Access Control<sup>11</sup>.
- Command your printing environment and slash costs with HP Web Jetadmin, manage IT resources with the HP Universal Print Driver, and reduce environmental impact<sup>12</sup>.

### Extend your print capabilities to keep pace with your growing business.

- Easily update, manage, and expand the capabilities of networked printers using HP FutureSmart Firmware.
- Innovative extensibility simplifies the deployment of customised, HP and third-party workflow and document management solutions.
- Make printing as mobile as you are with HP ePrint – use email to print from your smartphone to an ePrint-enabled printer<sup>13</sup>.
- Get more value by adding functionality such as card authentication or new accounting measures using the hardware integration pocket<sup>14</sup>.



Easy access USB



Auto On/Off  
Technology



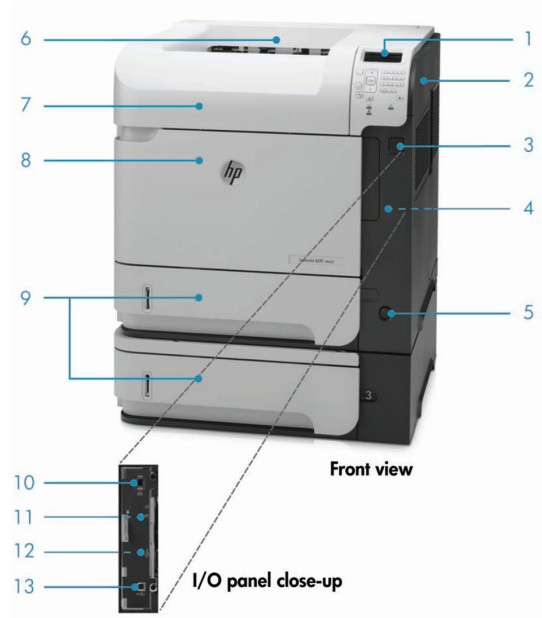
Numeric keypad



## Product walkaround

### HP LaserJet Enterprise 600 M603xh shown:

1. Intuitive 4-line colour display with 10-button keypad
2. Hardware Integration Pocket (HIP) for solution integration
3. Easy access USB port
4. Built-in automatic two-sided printing
5. Convenient front on/off switch
6. 500-sheet output bin
7. One-door access to install regular or high-capacity toner cartridges
8. 100-sheet multipurpose tray 1 handles heavy custom media up to 200 g/m<sup>2</sup> bond
9. Two 500-sheet input trays for a 1,100-sheet total input capacity
10. HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server
11. HP High Performance Secure Hard Disk
12. 512 MB total memory and an 800 MHz processor quickly handle complex print jobs
13. Hi-Speed USB 2.0 port



## Series at a glance



Model	HP LaserJet Enterprise 600 M603n	HP LaserJet Enterprise 600 M603dn	HP LaserJet Enterprise 600 M603xh
<b>Product number</b>	CE994A	CE995A	CE996A
<b>Print speeds</b>	Up to 60 ppm (A4)	Up to 60 ppm (A4)	Up to 60 ppm (A4)
<b>Control panel</b>	4-line colour display, 10-key pad	4-line colour display, 10-key pad	4-line colour display, 10-key pad
<b>Hardware Integration Pocket</b>	Yes	Yes	Yes
<b>100-sheet multipurpose tray 1</b>	Yes	Yes	Yes
<b>500-sheet tray 2</b>	Yes	Yes	Yes
<b>500-sheet tray 3</b>	Optional	Optional	Yes
<b>500-sheet output bin</b>	Yes	Yes	Yes
<b>Automatic two-sided printing</b>	Manual (driver support provided). Optional accessory available	Yes	Yes
<b>HP High Performance Secure Hard Disk</b>	Not available	Not available	Yes

## Accessories, Supplies and Support

<b>Supplies</b>	<b>CE390A</b> HP 90A Black Original LaserJet Toner Cartridge 10,000 pages
	<b>CE390X</b> HP 90X High Yield Black Original LaserJet Toner Cartridge 24,000 pages
	<b>CF064A</b> HP LaserJet CF064A 110V Maintenance Kit 225,000 pages
	<b>CF065A</b> HP LaserJet CF065A 220V Maintenance Kit 225,000 pages
	<b>Accessories</b>
<b>CE998A</b> HP LaserJet 500-sheet Input Tray Feeder	
<b>CE398A</b> HP LaserJet 1500-sheet Input Tray	
<b>CE405A</b> HP LaserJet 500-sheet Stapler/Stacker	
<b>CE399A</b> HP LaserJet 75-sheet Envelope Feeder	
<b>CE997A</b> HP LaserJet 500-sheet 5-bin Mailbox	
<b>CE404A</b> HP LaserJet 500-sheet Stacker	
<b>CB525A</b> HP LaserJet P4010/P4510/600 Series Printer Stand	
<b>CB527A</b> HP LaserJet 400-sheet Custom Media Cassette	
<b>Q3216A</b> HP 1000-staple Cartridge	
<b>CE483A</b> HP 512 MB 144-pin x32 DDR2 DIMM	
<b>CF062A</b> HP LaserJet Automatic Duplexer for Two-sided Printing Accessory	
<b>Connectivity</b>	<b>J8026A</b> HP Jetdirect 2700w USB Wireless Print Server
<b>Service and support</b>	<b>HY749E</b> HP 3 year Next Business Day with Defective Media Retention LaserJet M603 Support <b>HZ507E</b> HP 3 year 4 hour 13x5 LaserJet M603 Hardware Support <b>HZ617E</b> HP 4 year Next Business Day with Defective Media Retention LaserJet M603 Support <b>HZ618E</b> HP 5 year Next Business Day with Defective Media Retention LaserJet M603 Support <b>HS403PE</b> HP 1 year Post Warranty Next Business Day with Defective Media Retention LaserJet M603 Hardware Support <b>HY751PE</b> HP 1 year Post Warranty 4 hour 13x5 LaserJet M603 Hardware Support <b>HS404PE</b> HP 2 year Post Warranty Next Business Day LaserJet M603 Hardware Support <b>UC742E</b> HP Network Install Mono Mid-range LaserJet Service <b>UZ048E</b> HP AutoSend and Network Configure Installation Mono Mid-range LaserJet

## Technical specifications

Model	HP LaserJet Enterprise 600 M603n	HP LaserJet Enterprise 600 M603dn	HP LaserJet Enterprise 600 M603xh
<b>Product number</b>	CE994A	CE995A	CE996A
<b>Print speed</b>	Up to 60 ppm black (A4); Up to 39 ipm duplex (A4)		
<b>First page out time</b>	As fast as 8.5 sec black (A4, ready)		
<b>Print resolution</b>	Up to 1200 x 1200 dpi black		
<b>Print technology</b>	Laser		
<b>Print Area</b>	Print margins: Top: 6 mm; Bottom: 6 mm; Left: 5 mm; Right: 5 mm; Maximum print area		
<b>Print languages</b>	HP PCL 6, HP PCL 5e (HP PCL 5e driver available from the Web only), HP Postscript Level 3 emulation, native PDF printing (v 1.4)		
<b>Mobile printing capability</b>	HP ePrint, Apple AirPrint™, Mopria-certified		
<b>Monthly duty cycle</b>	Up to 275000 pages (A4), Recommended monthly page volume: 5000 to 20000		
<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 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</b>	Yes		
<b>Processor speed</b>	800 MHz		
<b>Display</b>	2.29 x 5.33 cm 4-line colour LCD display, 3 LED lights (Attention, Data, Ready), buttons (Information, Stop/Cancel, Return, Home, Folder, Left Arrow), No numeric keys		
<b>Wireless</b>	Optional, enabled with purchase of a hardware accessory		
<b>Connectivity</b>	Standard: 1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 External Host USB (1 walk-up and 1 external accessible); 2 internal Host USB 2.0-like ports (for 3rd party connection); 1 Hi-Speed USB 2.0 HIP (for 3rd party connection); Optional: 802.11b/g/n wireless LAN (Station mode), other networking accessories; HP Jetdirect 2700w USB Wireless Print Server (available early 2012)	Standard: 1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 External Host USB (1 walk-up and 1 external accessible); 2 internal Host USB 2.0-like ports (for 3rd party connection); 1 Hi-Speed USB 2.0 HIP (for 3rd party connection); Optional: 802.11b/g/n wireless LAN (Station mode), other networking accessories; HP Jetdirect 2700w USB Wireless Print Server (available early 2012)	Standard: 1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 External Host USB (1 walk-up and 1 external accessible); 2 internal Host USB 2.0-like ports (for 3rd party connection); 1 Hi-Speed USB 2.0 HIP (for 3rd party connection); Optional: 802.11b/g/n wireless LAN (Station mode), other networking accessories; HP Jetdirect 2700w USB Wireless Print Server (available early 2012)
<b>Network ready</b>	Standard		
<b>Memory</b>	Standard: 512 MB; Maximum: 1 GB		
<b>Hard disk</b>	Standard, HP High-Performance Secure Hard Disk available only on M603xh		
<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 handling</b>	Standard input: 100-sheet multipurpose tray 1, 500-sheet input tray 2  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 1500-sheet High-capacity input tray (add up to 4 additional trays for up to 3600-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, 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 1500-sheet High-capacity input tray (add up to 4 additional trays for up to 3600-sheet input capacity), 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  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 1500-sheet High-capacity input tray (add up to 4 additional trays for up to 3600-sheet input capacity), optional 75-sheet envelope feeder
<b>Input capacity</b>	Tray 1: sheets: 100; transparencies: 50; envelopes: 10 Tray 2: sheets: 500 Maximum: Up to 3600 sheets		
<b>Output capacity</b>	Up to 600 sheets (500 in the face down bin, 100 in rear face up door), Up to 10 envelopes, Up to 600 sheets Transparencies		

Model	HP LaserJet Enterprise 600 M603n	HP LaserJet Enterprise 600 M603dn	HP LaserJet Enterprise 600 M603xh
<b>Product number</b>	CE994A	CE995A	CE996A
<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 1500-sheet High-capacity input tray: 60 to 120 g/m <sup>2</sup> ; optional Envelope feeder: 75 to 105g/m <sup>2</sup> ; optional Duplexer: 60 to 120 g/m <sup>2</sup>	Multipurpose tray 1: 60 to 200 g/m <sup>2</sup> ; Tray 2, optional 500-sheet input tray, optional Custom media cassette, optional 1500-sheet High-capacity input tray: 60 to 120 g/m <sup>2</sup> ; optional Envelope feeder: 75 to 105g/m <sup>2</sup> ; optional Duplexer: 60 to 120 g/m <sup>2</sup>	Multipurpose tray 1: 60 to 200 g/m <sup>2</sup> ; Tray 2, 3: 60 to 120 g/m <sup>2</sup> ; optional 500-sheet input tray, optional Custom media cassette, optional 1500-sheet High-capacity input tray: 60 to 120 g/m <sup>2</sup> ; optional Envelope feeder: 75 to 105g/m <sup>2</sup> ; Duplexer: 60 to 120 g/m <sup>2</sup>
<b>Standard connectivity</b>	1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 External Host USB (1 walk-up and 1 external accessible); 2 internal Host USB 2.0-like ports (for 3rd party connection); 1 Hi-Speed USB 2.0 HIP (for 3rd party connection)		
<b>What's in the box</b>	HP LaserJet Enterprise 600 M603n Printer; HP Black LaserJet Toner cartridge (~10,000 pages); Right-angled power cord; Software and documentation on CD-ROM; Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable)	HP LaserJet Enterprise 600 M603dn Printer; HP Black LaserJet Toner cartridge (~10,000 pages); Right-angled power cord; Software and documentation on CD-ROM; Automatic duplexer for two-sided printing; Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable); Automatic Duplex Errata sheet	HP LaserJet Enterprise 600 M603xh Printer; HP Black LaserJet Toner cartridge (~10,000 pages); Right-angled power cord; Software and documentation on CD-ROM; 500-sheet input tray; Automatic duplexer for two-sided printing; Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable); Automatic Duplex Errata sheet
<b>Replacement cartridges</b>	HP 90A Black LaserJet Toner Cartridge (~10,000 pages) CE390A; HP 90X Black LaserJet Toner Cartridge (~24,000 pages) CE390X		
<b>Supported network protocols</b>	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 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, ePrint		
<b>Compatible operating systems</b>	Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008 (all 32-bit and 64-bit), Windows Server 2008 R2 (64-bit); Mac OS X v10.5, v10.6, v10.7; Citrix and Windows Terminal Services (see System Administrator's Guide at hp.com/go/upd, Documentation tab for latest support); Novell (see novell.com/print for latest support); Linux (see hplip.net); UNIX (see hp.com/go/unix, hp.com/go/unixmodelscripts, and hp.com/go/jetdirectunix_software); SAP device types (see hp.com/go/sap/drivers and hp.com/go/sap/print)		
<b>Minimum system requirements</b>	Windows: Windows 8, Windows 7, Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008, Windows Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see microsoft.com Mac: Mac OS X v10.5, v10.6, v10.7; 150 MB available hard disk space; operating system compatible hardware system requirements, see: http://www.apple.com		
<b>Software included</b>	Windows® Installer, HP PCL 6 discrete driver; Mac Installer, Postscript driver		
<b>Security management</b>	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in		
<b>Printer management</b>	HP Web Jetadmin; HP SureSupply; HP Utility (Mac)		
<b>Control panel</b>	2.29 x 5.33 cm 4-line colour LCD display, 3 LED lights (Attention, Data, Ready), buttons (Information, Stop/Cancel, Return, Home, Folder, Left Arrow), No numeric keys		
<b>Printer dimensions (W x D x H)</b>	Minimum: 415 x 428 x 398 mm Maximum: 415 x 768 x 398 mm	Minimum: 415 x 508 x 398 mm Maximum: 415 x 768 x 398 mm	Minimum: 415 x 508 x 513 mm Maximum: 415 x 768 x 513 mm
<b>Package dimensions (W x D x H)</b>	588 x 540 x 499 mm		
<b>Printer Weight</b>	23.7 kg	26.3 kg	32.8 kg
<b>Package weight</b>	27.5 kg	30.1 kg	38.9 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</b>	Acoustic power emissions: 7.1 B(A); Acoustic pressure emissions: 57 dB(A)		
<b>Power</b>	Requirements: Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Consumption: 920 watts (printing), 21 watts (ready), 5.5 watts (sleep), 1.0 watt (auto-off), 0.3 watts (manual-off); Typical Electricity Consumption (TEC): 4.368 kWh/Week Power supply type: Built-in power supply		
<b>Certifications</b>	CISPR 22: 2005 EN 55022: 2006 +A1 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 2008, EN 55024: 1998 +A1+A2, FCC Title 47 CFR, ICES-003, GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries ENERGY STAR® qualified		
<b>Warranty</b>	One year on-site warranty. Optional HP Care Pack services available. Warranty and support options vary by product, country and local legal requirements.		

## Footnotes

<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver and document complexity.; <sup>2</sup> Compared with products that use traditional fusing.; <sup>3</sup> Automatic two-sided printing is only available on the HP LaserJet Enterprise 600 M603dn Printer and the HP LaserJet Enterprise 600 M603xh Printer. The Automatic Two-sided Printing Accessory may be purchased separately for the HP LaserJet Enterprise 600 M603n Printer.; <sup>4</sup> Additional 1 x 500-sheet paper tray is available only on the HP LaserJet Enterprise 600 M603xh Printer.; <sup>5</sup> The 1 x 1,500-sheet high-capacity input tray may be purchased separately for the HP LaserJet Enterprise 600 M603 Printer series.; <sup>6</sup> Energy data used to calculate savings based on HP testing using the ENERGY STAR® programme's Typical Electricity Consumption (TEC) method vs. a majority of worldwide top-selling competitive models <€2,299 as of March 2011 using data reported in energystar.gov and eu\_energystar.org as of July 2011. Data extended to one year. Actual results may vary.; <sup>7</sup> HP Auto-On/Auto-Off capabilities subject to printer and settings. Actual power usage may vary.; <sup>8</sup> May require a firmware upgrade.; <sup>9</sup> Programme availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners programme. For more information, or to request return envelopes and bulk collection boxes, visit www.hp.com/recycle.; <sup>10</sup> The HP High-Performance Secure Hard Disk is only available on the HP LaserJet Enterprise 600 M603xh Printer.; <sup>11</sup> HP Access Control must be purchased separately.; <sup>12</sup> HP Web Jetadmin is free and can be downloaded at www.hp.com/go/webjetadmin. The HP Universal Print Driver is free and can be downloaded at www.hp.com/go/upd.; <sup>13</sup> Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see www.hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade.; <sup>14</sup> Solutions deployed through the hardware integration pocket may require additional purchase.



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