HP LaserJet Enterprise 600 M603

Ideal for workgroups of 15+ users in large/enterprise business environments that need high-speed, high-volume document printing, advanced network management, increased paper capacity and security features.

HP LaserJet Enterprise 600 M603n

HP LaserJet Enterprise 600 M603dn

HP LaserJet Enterprise 600 M603xh

Get heavy-duty reliability and breakthrough speed.

- Boost productivity with fast print speeds up to 60 ppm[1] and produce documents on a variety of media.

- Manage workflow directly from the printer 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[2], up to two 500-sheet paper trays[3], a 100-sheet multipurpose tray and capacity of up to 3,600 sheets[4].

- Replace toner cartridges easily with simple one-door access and enjoy quiet, clean performance.

Achieve outstanding energy and paper savings.

- Control energy use with HP Auto-On/Auto-Off Technology[5] which turns your printer on and off based on network activity. Instant-on Technology speeds warm-up/cool-down times, saving even more power[6].

- Track usage data in real time and apply custom energy-saving options and printer settings with the HP EcoSMART Console[7].

- Reduce paper use by up to 50% with automatic two-sided printing[2].

- Pre-installed Original HP toner cartridges reduce waste. Recycle them for free through HP Planet Partners[8].

Experience secure printing with minimal intervention.

- Protect confidential data stored on your printer, with the installed HP High-Performance Secure Hard Disk[9].

- 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[10].

- Command your printing environment and slash costs with HP Web Jetadmin, manage IT resources with the HP Universal Print Driver, and reduce environmental impact[11].

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 – now you can print from virtually anywhere[12].

- Get the most out of your investment by adding functionality such as card authentication or new accounting measures using the hardware integration pocket[13].

[1] 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.

[2] 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.

[3] Additional 1 x 500-sheet paper tray is only available on the HP LaserJet Enterprise 600 M603xh Printer.

[4] The 1 x 1,500-sheet high-capacity input tray may be purchased separately for the HP LaserJet Enterprise 600 M603 Printer series.

[5] HP Auto-On/Auto-Off capabilities subject to printer and settings. Actual power usage may vary.

[6] Compared with products that use traditional fusing.

[7] Expected availability late 2011. May require a firmware upgrade.

[8] 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.

[9] The HP High-Performance Secure Hard Disk is only available on the HP LaserJet Enterprise 600 M603xh Printer. Only available through upgrade on the HP LaserJet Enterprise 600 M603n Printer and the HP LaserJet Enterprise 600 M603dn Printer.

[10] HP Access Control must be purchased separately.

[11] 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. HP EcoSMART Fleet must be purchased separately.
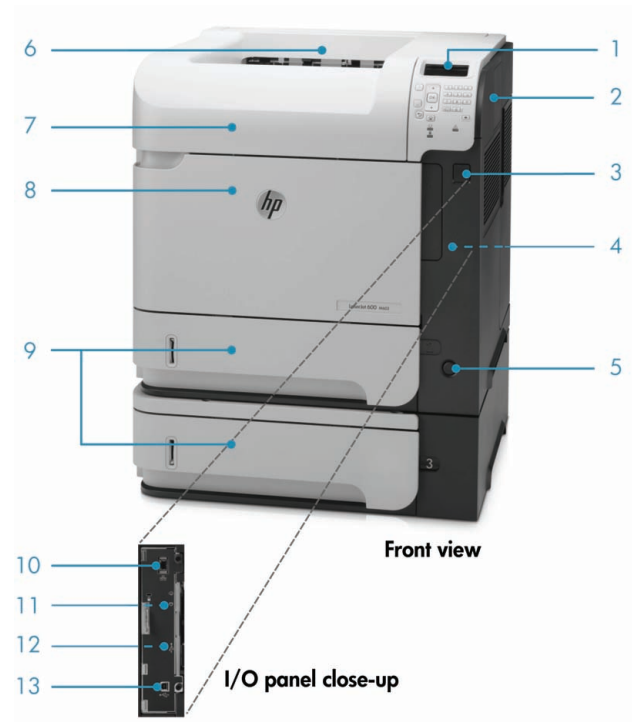
[12] Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see www.hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade.

[13] Solutions deployed through the hardware integration pocket may require additional purchase.

Product walkaround

HP LaserJet Enterprise 600 M603xh:
1. Intuitive 4-line colour display with 10-button keypad
2. Hardware Integration Pocket for solution integration
3. Walkup 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 53 lb 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

Front view

I/O panel close-up

Series at a glance

HP LaserJet Enterprise 600 M603n
- HP LaserJet Enterprise 600 M603n Printer: print speed of up to 60 ppm black
- up to 1200 x 1200 dpi effective output quality with HP ProRes 1200
- HP FastRes 1200
- 512 MB memory expandable to 1 GB
- 800 MHz processor
- 1 Gigabit Ethernet
- 1 Hi-Speed USB 2.0
- 2 External Host USB (1 walk-up, 1 external accessible)
- 2 internal Host USB 2.0-like ports (for 3rd party connection)
- 1 Hi-Speed USB 2.0 Hardware Integration Pocket (for 3rd party connection)
- 100-sheet multipurpose tray
- 500-sheet input tray

HP LaserJet Enterprise 600 M603dn
- HP LaserJet Enterprise 600 M603dn Printer: as base model with automatic two-sided printing

HP LaserJet Enterprise 600 M603xh
- HP Color LaserJet Enterprise 600 M603xh Printer: as base model with automatic two-sided printing
- 1 x 1,500-sheet paper tray
- 250 GB encrypted HP High-Performance Secure Hard Disk

Recommended accessories

CF062A
HP LaserJet Automatic Duplexer for Two-sided Printing Accessory
HP LaserJet Automatic Two-Sided Printing Units save time, money and paper. The accessory prints both sides of the page automatically, so you can concentrate on more important work. You'll see budget savings because paper consumption is cut in half.

CE998A
HP LaserJet 500-sheet Input Tray Feeder
HP LaserJet 500-sheet Paper Trays support the productivity of growing work groups with simple, robust paper input accessories that enable media versatility, from A4 to legal, and allow longer printing without reloading paper.

CE398A
HP LaserJet 1500-sheet Input Tray
HP LaserJet 1500-sheet Paper Trays support productivity. This robust paper input tray enables media versatility and allows longer printing (up to 1500 sheets) without re-loading paper.

CE405A
HP LaserJet 500-sheet Stapler/Stacker
HP LaserJet 500-sheet Output Stackers improve workflow management and accommodate multiple users. Monitor your printer less frequently with convenient automatic job stapling, sheet stacking and sorting in the additional output bin.

CE399A
HP LaserJet 75-sheet Envelope Feeder
HP LaserJet Envelope Feeders make business mailing simple, efficient and professional. Print directly to various sizes of envelopes including up to 75 Monarch to B5-sized envelopes.

CE997A
HP LaserJet 500-sheet 5-bin Mailbox
HP LaserJet 5-bin Mailboxes give you an additional output capacity of 500 pages for a total output of 1100 pages. This multifaceted accessory comes with four intelligent operating modes for improved workflow and offers convenient access to print jobs

Ordering information

HP LaserJet Enterprise 600 M603n (CE994A)
HP LaserJet Enterprise 600 M6023n 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 (CE995A)
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 (CE996A)
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

Accessories, Supplies and Support

Accessories

CF062A	HP LaserJet Automatic Duplexer for Two-sided Printing Accessory
CE998A	HP LaserJet 500-sheet Input Tray Feeder
CE398A	HP LaserJet 1500-sheet Input Tray
CE405A	HP LaserJet 500-sheet Stapler/Stacker
CE399A	HP LaserJet 75-sheet Envelope Feeder
CE997A	HP LaserJet 500-sheet 5-bin Mailbox
CE404A	HP LaserJet 500-sheet Stacker
CB525A	HP LaserJet P4010/P4510 Series Printer Stand
CB527A	HP LaserJet 400-sheet Custom Media Cassette
Q3216A	HP 1000-staple Cartridge
CE483A	HP 512 MB 144-pin x32 DDR2 DIMM

Connectivity

J8026A	HP Jetdirect 2700w USB Wireless Print Server

Supplies

CE390A	HP 90A Black LaserJet Toner Cartridge Average cartridge yields 10,000 standard pages. Declared yield based on 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.
CE390X	HP 90X Black LaserJet Toner Cartridge Average cartridge yields 24,000 standard pages. Declared yield based on 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.
CF064A	HP LaserJet CF064A 110V Maintenance Kit 225,000 pages
CF065A	HP LaserJet CF065A 220V Maintenance Kit 225,000 pages

Media supplies

CHP310	HP LaserJet Paper-500 sht/A4/210 x 297 mm
CHP830	HP Recycled Paper 80 g/m²-500 sht/A4/210 x 297 mm
CHP710	HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm

Service & support

HZ503E - HP 3 year Next Business Day LaserJet M603 Hardware Support
HZ507E - HP 3 year 4 hour 13x5 LaserJet M603 Harware Support
HY752E - HP 4 year Next Business Day LaserJet M603 Hardware Support
HY753E - HP 5 year Next Business Day LaserJet M603 Hardware Support
HS401PE - HP 1 year Post Warranty Next Business Day LaserJet M603 Hardware Support
HY751PE - HP 1 year Post Warranty 4 hour 13x5 LaserJet M603 Hardware Support
HS404PE - HP 2 year Post Warranty Next Business Day LaserJet M603 Hardware Support
UC742E - HP Network Install Mono Mid-range LaserJet Service
UZ048E - HP Autosend and network configure installation Mono mid-range LaserJet

For a complete list of supplies, accessories and services, please refer to http://www.hp.com

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.

Technical specifications

Print technology	Laser
Print speed	First page out: As fast as 8.5 sec A4: Up to 60 ppm First page out time is measured from Tray 2. Exact speed varies depending on the system configuration, software application, driver and document complexity. 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.
Processor	800 MHz, ARM Cortex™-A8 superscalar processor
Memory	512 MB, Expandable to 1 GB through one 144-pin DDR2 DIMM slot, **Hard disk capacity**: Standard, encrypted hard disk only available on M603xh

Print

Quality	HP ProRes 1200, HP FastRes 1200, HP REt, 600 dpi, 300 dpi
Resolution	Up to 1200 x 1200 dpi
Printer languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP Postscript Level 3 emulation, native PDF printing (v 1.4)
Typefaces/fonts	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
Duty cycle (monthly, A4)	Up to 275000 pages
Recommended monthly page volume	5000 to 20000
Print margins	Top: 6 mm, Left: 5 mm, Right: 5 mm, Bottom: 6 mm

Media handling

Input	Capacity	Weight	Size
Tray 1	sheets: 100; transparencies: 50; envelopes: 10	60 to 200 g/m²	A4; A5; A6; B5 (JIS); B6 (JIS); RA4; 10 x 15 cm; envelope (DL ISO, C5 ISO, C6 ISO, B5 ISO); custom 76 x 127 to 216 x 356 mm
Tray 2	sheets: 500	60 to 120 g/m²	A4; A5; RA4; B5 (JIS); custom 148 x 210 to 216 x 356 mm
Tray 3		60 to 120 g/m²	
Duplex printing:	**M603n**: Automatic (optional); **M603dn**: Automatic (standard); **M603xh**: Automatic (standard);	**M603n**: 60 to 120 g/m² (with optional duplexer); **M603dn**: 60 to 120 g/m²; **M603xh**: 60 to 120 g/m²;	**M603n**: A4; A5; B5 (JIS) (with optional duplexer); **M603dn**: A4; A5; B5 (JIS); **M603xh**: A4; A5; B5 (JIS);
Output:	Sheets: Up to 600 sheets (500 in the face down bin, 100 in rear face up door). Envelopes: Up to 10 envelopes. Transparencies: Up to 600 sheets		

Media types	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined
Memory card compatibility	USB Flash drive
Interface and connectivity	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)
Network protocols	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
Operating systems compatibility	Microsoft® Windows® 7; Windows Vista®; Windows XP® (SP2+), Server 2003 (SP1+), Server 2008 (all 32-bit and 64-bit), Server 2008 R2 (64-bit); Mac OS X v10.5, v10.6; Citrix® and Windows® Terminal Services (see System Administrator's Guide at http://www.hp.com/go/upd, Documentation tab for latest support); Novell® (see http://www.novell.com/iprint for latest support); Linux (see http://www.hplip.net); UNIX (see http://www.hp.com/go/unix, http://www.hp.com/go/unixmodelscripts, and http://www.hp.com/go/jetdirectunix_software); SAP device types (see http://www.hp.com/go/sap/drivers and www.hp.com/go/sap/print) Optional: Most recent printer drivers and software for all supported operating systems available at http://www.hp.com/support/hpljm603 series; if no access to the Internet, see support flyer that came in printer box
Minimum system requirements	Microsoft® Windows® 7; Windows Vista®; Windows XP® (SP2 or higher), Server 2003 (SP1 or higher), Server 2008, Server 2008 R2: 200 MB available hard disk space; operating system compatible hardware system requirements, see http://www.microsoft.com, Mac OS X v10.5, v10.6; 150 MB available hard disk space; operating system compatible hardware system requirements, see: http://www.apple.com
Software	Windows® Installer, HP PCL 6 discrete driver; Mac Installer, Postscript driver
Control panel	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
Printer management	HP Web Jetadmin; HP SureSupply; HP Utility (Mac)
Security management	Management security: SNMPv3, SSL/TLS, 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
Power	Built-in power supply; Requirements: Input voltage: 100 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz). Consumption: 920 watts (printing), 21 watts (ready), 5.6 watts (sleep), 1.0 watt (auto-off), 0.3 watts (manual-off); Typical Electricity Consumption (TEC): 4.368 kWh/Week
Dimensions (w x d x h)	Out of package: **M603n**: 415 x 428 x 398 mm; **M603dn**: 415 x 508 x 398 mm; **M603xh**: 415 x 508 x 513 mm; Packaged: **M603n**: 588 x 540 x 499 mm; **M603dn**: 588 x 633 x 499 mm; **M603xh**: 588 x 633 x 749 mm;
Weight	Out of package: **M603n**: 23.7 kg; **M603dn**: 26.3 kg; **M603xh**: 32.8 kg; Packaged: **M603n**: 27.5 kg; **M603dn**: 30.1 kg; **M603xh**: 38.9 kg;
Operating environment	Operating temperature: 15 to 32°C. Recommended operating temperature: 15 to 32°C. Operating humidity: 10 to 80% RH. Recommended operating humidity: 10 to 80% RH. Storage temperature: -30 to 60°C. Storage humidity: 10 to 90% RH. Noise level per ISO 9296: Sound power: LwAd7.1 B(A)
Acoustics	Acoustic Power Emissions: 7.1 B(A) Acoustic Pressure Emissions: 57 dB(A)
Product certifications	Safety certifications: IEC 60950-1 (International); EN 60950-1 +A11 (EU); IEC 60825-1; GS License (Europe); EN 60825-1 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries EMC certifications: 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
Warranty	One year on-site warranty. Optional HP Care Pack services available. Warranty and support options vary by product, country and local legal requirements.

ecoHIGHLIGHTS

- Save energy – HP Auto On/Auto Off Technology turns your printer on when you need it and off when you don't[1].
- Save paper by up to 50% using automatic two-sided printing.
- Free, convenient cartridge recycling in 54 countries.

ENERGY STAR® qualified
HP LaserJet Enterprise 600 M603n Printer is not ENERGY STAR® compliant.

[1] HP Auto-On and Auto-Off capabilities subject to printer and settings.
Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

www.hp.com/ecosolutions

http://www.hp.com/uk