



# 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.



### 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<sup>7</sup> 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.

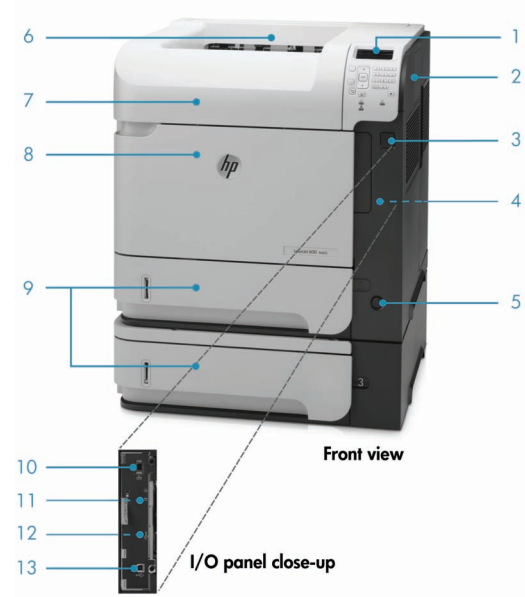
- Easily update, manage, and expand the capabilities of networked printers using HP FutureSmart Firmware.
- Innovative extensibility simplifies the deployment of customised, HP and third-party workflow and document management solutions.
- Make printing as mobile as you are with HP ePrint – use email 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>.

<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see [www.hp.com/go/printerclaims](http://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](http://energystar.gov) and [eu.energystar.org](http://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> Expected availability late 2011. 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](http://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](http://www.hp.com/go/webjetadmin). The HP Universal Print Driver is free and can be downloaded at [www.hp.com/go/upd](http://www.hp.com/go/upd). HP EcoSMART Fleet must be purchased separately.; <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](http://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.

## Product walkaround

### HP LaserJet Enterprise 600 M603xh:

1. Intuitive 4-line colour display with 10-button keypad
2. Hardware Integration Pocket (HIP) 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 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



### 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 LaserJet Enterprise 600 M603xh Printer: as base model with automatic two-sided printing
- 1 x 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 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 (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

<b>CF062A</b>	HP LaserJet Automatic Duplexer for Two-sided Printing Accessory
<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

### Connectivity

<b>J8026A</b>	HP Jetdirect 2700w USB Wireless Print Server
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### Supplies

<b>CE390A</b>	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 <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> .
<b>CE390X</b>	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 <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> .
<b>CF064A</b>	HP LaserJet CF064A 110V Maintenance Kit 225,000 pages
<b>CF065A</b>	HP LaserJet CF065A 220V Maintenance Kit 225,000 pages

### Media supplies

<b>CHP310</b>	HP LaserJet Paper-500 sht/A4/210 x 297 mm
<b>CHP830</b>	HP Recycled Paper 80 g/m <sup>2</sup> -500 sht/A4/210 x 297 mm
<b>CHP710</b>	HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm

### Service & support

<b>HZ503E</b>	HP 3 year Next Business Day LaserJet M603 Hardware Support
<b>HZ507E</b>	HP 3 year 4 hour 13x5 LaserJet M603 Hardware Support
<b>HY752E</b>	HP 4 year Next Business Day LaserJet M603 Hardware Support
<b>HY753E</b>	HP 5 year Next Business Day LaserJet M603 Hardware Support
<b>HS401PE</b>	HP 1 year Post Warranty Next Business Day 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

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

<b>Print technology</b>	Laser			
<b>Print speed</b>	First page out: As fast as 8.5 sec A4: Up to 60 ppm; duplex: Up to 39 ipm; 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 <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.			
<b>Processor</b>	800 MHz, ARM Cortex™-A8 superscalar processor			
<b>Memory</b>	512 MB, Expandable to 1 GB through one 144-pin DDR2 DIMM slot, <b>Hard disk capacity:</b> Standard, HP High-Performance Secure Hard Disk available only on M603xh			
<b>Print</b>	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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a> 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			
<b>Media handling</b>	<b>Input</b>	<b>Capacity</b>	<b>Weight</b>	<b>Size</b>
	Tray 1	sheets: 100; transparencies: 50; envelopes: 10	60 to 200 g/m <sup>2</sup>	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/m <sup>2</sup>	A4; A5; RA4; B5 (JIS); custom 148 x 210 to 216 x 356 mm
	Tray 3 Duplex printing:	<b>M603n:</b> Manual (driver support provided); <b>M603dn:</b> Automatic (standard); <b>M603xh:</b> Automatic (standard); 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	60 to 120 g/m <sup>2</sup> <b>M603n:</b> 60 to 120 g/m <sup>2</sup> (with optional duplexer); <b>M603dn:</b> 60 to 120 g/m <sup>2</sup> ; <b>M603xh:</b> 60 to 120 g/m <sup>2</sup> ;	<b>M603n:</b> A4; A5; B5 (JIS) (with optional duplexer); <b>M603dn:</b> A4; A5; B5 (JIS); <b>M603xh:</b> A4; A5; B5 (JIS);
	<b>Output:</b>			
<b>Media types</b>	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined			
<b>Memory card compatibility</b>	USB Flash drive			
<b>Interface and 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>Network Capabilities</b>	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); 802.11b/g/n wireless networking (optional)			
<b>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, SLIP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDP5, ePrint			
<b>Mobile printing capability</b>	HP ePrint, Apple AirPrint™			
<b>Operating systems compatibility</b>	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, v10.7; Citrix® and Windows® Terminal Services (see System Administrator's Guide at <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a> , Documentation tab for latest support); Novell® (see <a href="http://www.novell.com/iprint">http://www.novell.com/iprint</a> for latest support); Linux (see <a href="http://www.hp.com/go/linux">http://www.hp.com/go/linux</a> ); UNIX (see <a href="http://www.hp.com/go/unix">http://www.hp.com/go/unix</a> , <a href="http://www.hp.com/go/unixmodelscripts">http://www.hp.com/go/unixmodelscripts</a> , and <a href="http://www.hp.com/go/jdirectunix_software">http://www.hp.com/go/jdirectunix_software</a> ); SAP device types (see <a href="http://www.hp.com/go/sap/drivers">http://www.hp.com/go/sap/drivers</a> and <a href="http://www.hp.com/go/sap/print">http://www.hp.com/go/sap/print</a> ) Optional. Most recent printer drivers and software for all supported operating systems available at <a href="http://www.hp.com/support/hpljm603">http://www.hp.com/support/hpljm603</a> series; if no access to the Internet, see support flyer that came in printer box			
<b>Minimum system requirements</b>	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 <a href="http://www.microsoft.com">http://www.microsoft.com</a> , Mac OS X v10.5, v10.6, v10.7; 150 MB available hard disk space; operating system compatible hardware system requirements, see: <a href="http://www.apple.com">http://www.apple.com</a>			
<b>Software</b>	Windows® Installer, HP PCL 6 discrete driver, Mac Installer, Postscript driver			
<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 management</b>	HP Web Jetadmin; HP SureSupply; HP Utility (Mac)			
<b>Security management</b>	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			
<b>Power</b>	Built-in power supply; 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			
<b>Dimensions (w x d x h)</b>	Out of package: <b>M603n:</b> 415 x 428 x 398 mm; <b>M603dn:</b> 415 x 508 x 398 mm; <b>M603xh:</b> 415 x 508 x 513 mm; Packaged: <b>M603n:</b> 588 x 540 x 499 mm; <b>M603dn:</b> 588 x 633 x 499 mm; <b>M603xh:</b> 588 x 633 x 749 mm;			
<b>Weight</b>	Out of package: <b>M603n:</b> 23.7 kg; <b>M603dn:</b> 26.3 kg; <b>M603xh:</b> 32.8 kg; Packaged: <b>M603n:</b> 27.5 kg; <b>M603dn:</b> 30.1 kg; <b>M603xh:</b> 38.9 kg;			
<b>Operating environment</b>	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			
<b>Acoustics</b>	Acoustic Power Emissions: 7.1 B(A) Acoustic Pressure Emissions: 57 dB(A)			
<b>Product certifications</b>	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			
<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.			

<http://www.hp.com/uk>



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## ecoHIGHLIGHTS

- Save energy – HP Auto On/Auto Off Technology turns your printer on when you need it and off when you don't<sup>1</sup>.
- 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.

<sup>1</sup> 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/ecosolutions)

