HP LASERJET ENTERPRISE 600 M601 PRINTER SERIES

Technical Specifications

Technical Specifications	HP LaserJet Enterprise 600 M601n Printer (CE989A)	HP LaserJet Enterprise 600 M601dn Printer (CE990A)
Print Speed[1]	Up to 43 ppm, A4 (up to 45 ppm, letter)	
First Page Out[2]	As fast as 8.5 seconds from Ready (A4/Letter)	
Print Resolution	Up to 1200 x 1200 dpi	
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	
Processor	800 MHz	
Memory	Standard 512 MB/Maximum 1 GB	
Durability Ratings	Recommended monthly volume: 3,000 to 12,000 pages[3]; Duty Cycle: Up to 175,000 pages (A4/Letter)[4]	
Paper		
Input	100-sheet tray 1, 500-sheet input tray 2	
Output	500-sheet output bin, 100-sheet rear output bin	
Two-sided Printing	Manual (driver support provided)	Automatic (Standard)
Sizes	Tray 1: A4, A5, A6, B5 (JIS), B6 (JIS), 16K, Dpostcard (JIS), executive (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: Executive (JIS), A4, A5, RA4, B5 (JIS), 16K; Custom 148 x 210 to 216 x 356 mm Tray 3: Executive (JIS), A4, A5, RA4, B5 (JIS), 16K; Custom 148 x 210 to 216 x 356 mm	
Weights	Tray 1: 60 to 200 g/m²; Tray 2, Optional 500-sheet input tray, Optional Custom media cassette, Optional 1500-sheet High-capacity input tray: 60 to 120 g/m²; Optional Envelope feeder: 75 to 105g/m²; Optional Duplexer: 60 to 120 g/m²	
Types	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough, light); Envelopes; Labels; Cardstock; Transparencies; Shelf edge labels, user-defined	
Interfaces	1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 Host Hi-Speed USB 2.0	
Network Capabilities	Via HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server (standard); 802.3az (EEE); IPsec (standard); 802.11 b/g/n wireless networking (optional)	
Languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v1.4)	
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 www.hp.com/go/laserjetfonts	
Operating Systems	Works with Microsoft® 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, 10.6; Citrix and Windows Terminal Services (see System Administrator's Guide at www.hp.com/go/upd, Documentation link for latest support); Novell (see http://www.novell.com/iprint for latest support); Linux (see http://www.hplip.net); UNIX (see www.hp.com/go/unix, www.hp.com/go/unixmodelscripts, and www.hp.com/go/jetdirectunix_software); SAP device types (see www.hp.com/go/sap/drivers and www.hp.com/go/sap/print)	
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	
Security	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	
Dimensions (w x d x h)	415 x 428 x 398 mm	415 x 508 x 398 mm
Weight (without print cartridge)	23.7 kg	26.3 kg
What's in the Box	HP LaserJet Enterprise 600 M601n printer; Right-angled power cord; Software and documentation on CD-ROM; HP Black LaserJet Toner cartridge (~10,000 pages)[5]; Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable)	HP LaserJet Enterprise 600 M601dn printer; Right-angled power cord; Software and documentation on CD-ROM; HP Black LaserJet Toner cartridge (~10,000 pages)[5]; Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable)
Warranty[6]	One-year, return to HP authorised service centre, limited warranty	
Environmental Ranges		
Recommended Temperature	15 to 32° C (59 to 89.6° F)	
Storage Temperature	−30 to 60° C (−22 to 140° F)	
Recommended Relative Humidity	10 to 80% RH	
Storage Relative Humidity	10 to 90% RH	
Acoustics		
Power Emissions	Active: 6.9 B(A); Ready: 4.3 B(A)[7]	
Sound Pressure (bystander position)	Ready: 30 dB(A); Active: 56 dB(A)	
Power Specifications		
Power Supply Required	Input voltage: 100 to 127 VAC (+/− 10%), 50/60 Hz (+/− 3 Hz); 220 to 240 VAC (+/− 10%), 50/60 Hz (+/− 3 Hz)	
Power Consumption[8]	Printing: 790 watts; Standby 21 watts; Sleep 5.5 watts; Off: 0.3 watts	
Certifications		
Safety	IEC 60950-1 (International); EN 60950-1 +A11 (EU); IEC 60825-1; UL/cUL Listed (US/Canada); 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	CISPR 22: 2005 +A1/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, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries	

[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] First page out time is measured from Tray 2. Exact speed varies depending on the system configuration, software application, driver and document complexity.

[3] 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.

[4] 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 Colour LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

[5] 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 http://www.hp.com/go/learnaboutsupplies.

[6] Varies according to countries. Please check with your local HP sales office for more information.

[7] Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. For current information, see www.hp.com/support. Configuration tested: HP LaserJet Enterprise 600 M601n printing duplex mono on A4 paper.

[8] 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. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs.

HP LASERJET ENTERPRISE 600 M601 PRINTER SERIES

M601n • M601dn

HP's business pacesetter tackles high-volume printing with legendary reliability. Count on this HP LaserJet to help conserve resources, customise printing policies, and improve security.

Heavy-duty reliability and breakthrough speed

- Print at rapid speeds of up to 45 ppm on a variety of paper types. Plus, you can now print from the sleep mode quicker than before, thanks to Instant-on Technology.[1]
- Manage workflow with intuitive features right on the printer using 4-line colour control panel and get quick prints from a flash drive.
- Produce high print volumes with low maintenance. Additional 500-sheet paper tray with automatic two-sided printing, 100-sheet multi-purpose tray and optional paper capacity up to 3,100 sheets.[2]
- Get optimal performance with an original HP LaserJet cartridge (All-in-One), and easy-to-replace with one-door access and improved acoustics with noise reduction measures.

Outstanding energy and paper savings

- Cut energy use as much as 45%, compared to a majority of competing laser printers.[3] Reduce energy use even more, using HP Auto-On/Auto-Off Technology.[4]
- Get centralised access to custom energy-saving options and printer settings with the HP EcoSMART Console.[5]
- Trim 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.[6]

Secure printing with minimal intervention

- Take control of printing practices and enforce security policies, using HP Access Control.[7]
- Efficiently manage security in environments with many devices with HP Web Jetadmin. HP EcoSmart Console and Fleet deliver real-time performance information and end-to-end solutions. Add new printers without hassle with HP Universal Print Driver.

- Expand your network without compromising security. The IPv6 protocol lets you easily expand network of IP addresses while IPSec security provides fast authentication.
- Manage compliance and security issues across your business using the HP Imaging and Printing Security Center.

Extend capabilities and print from mobile devices

- Easily update, manage, and expand the capabilities of networked printers using HP FutureSmart Firmware, and do more with your investment.
- Make printing as mobile as you are with HP ePrint.[8]
- Print files using your USB storage accessory without sending them from your computer with walk-up USB printing.
- Enjoy more efficient network with 10/100 Ethernet networking.

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ecoHIGHLIGHTS

HP LASERJET ENTERPRISE 600 M601 PRINTER SERIES

ECO INFORMATION

- 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 Product (M601dn Model)

[1] HP Auto-On and Auto-Off capabilities subject to printer and settings.

www.hp.com/go/ecosolutions

Please recycle your computing hardware and printing supplies.
HP asset management and recycling services make responsible disposal easy.

HP LASERJET ENTERPRISE 600 M601 PRINTER SERIES

600 M601 bundle shown

1 • Built-in Gigabit Networking
  • 800 MHz Processor
  • 512 MB Standard Memory
  • 1 GB Max Memory
  • USB 2.0 Hi Speed Port

2 10K capacity cartridge

3 100-sheet multi-purpose tray

4 500-sheet input tray

5 On/Off Switch

6 Walk-up USB port

7 4-line colour display

8 500 sheet output bin

Front view

SERIES AT A GLANCE

	M601n Printer	M601dn Printer
Part Number	CE989A	CE990A
4-line Colour Display	√	√
Walk-up USB Port	√	√
100-sheet Multi-purpose Tray 1, 500-sheet Tray 2	√	√
HP Jetdirect 10/100/1000 Ethernet Print Server	√	√
Automatic Two-sided Printing	Optional	√
1 GB RAM	√	√
ENERGY STAR® Qualified	–	√

Walk-up USB Printing

Print files quickly using your USB storage accessory without sending them from your computer.

• Full-featured compatibility – accepts standard USB storage accessories⁺ in the USB port on the front of the printer.

• Multiple file type support – print .pdf, .prn, .pcl, .ps and .cht files with ease.

+ If the product does not recognise the USB accessory, trying using another type. Because of differences in USB specifications, this printer does not recognise all types of USB accessories.

HP Auto-On/Auto-Off Technology

Reduce energy, using HP Auto-On/Auto-Off Technology-built-in intelligence that senses network activity, and turns your printer on when you need it and off when you don't.^

• Faster printing – enables a printer to begin printing from PowerSave mode immediately and can complete printing your first page faster.

• Reduced power consumption – conserve power and save cost with Instant-On Technology

^ HP Auto-On and Auto-Off capabilities subject to printer and settings.

Get The Most Out Of Your Printer With HP Accessories, Supplies And Services.

HP LaserJet 75-sheet Envelope Feeder
Make business mailing simple and efficient.

HP LaserJet 500-sheet Stapler/Stacker
Enjoy hassle-free unattended printing.

HP LaserJet 500-sheet 5-Bin Mailbox
Find you printed output quickly and easily.

Supplies
CE390A   HP 90A Black LaserJet Toner Cartridge (~10,000 pages)#

Maintenance Kits
CF064A   HP LaserJet Printer 110V Maintenance Kit
CF065A   HP LaserJet Printer 220V Maintenance Kit

Accessories
CB525A   HP LaserJet Printer Stand
CB527A   HP LaserJet Custom Multipurpose Tray
CE398A   HP LaserJet 1500-sheet High-capacity Input Tray
CE399A   HP LaserJet 75-sheet Envelope Feeder
CE405A   HP LaserJet 500-sheet Stapler/Stacker
CE483A   HP 512 MB 144-pin x32 DDR2 DIMM
CE997A   HP LaerJet 500-sheet 5-Bin Mailbox
CE998A   HP LaserJet 500-sheet Input Tray Feeder
CF062A   HP LaserJet Automatic Duplexer for Two-sided Printing Accessory
J8026A   HP Jetdirect 2700w USB Wireless Print Server (Available early 2012)
Q3216A   HP LaserJet 1000 Staple Cartridge Pack

Carepacks
HY579E   HP 3 year Next business day LaserJet M601 Hardware Support
HY582E   HP 3 year 4 hour 9x5 LaserJet M601 Hardware Support
HY583E   HP 3 year 4 hour 13x5 LaserJet M601 Harware Support
HZ458E   HP 3 year Return to Depot LaserJet M601 Service
HZ459E   HP 4 year Return to Depot LaserJet M601 Service
HZ460E   HP 5 year Return to Depot LaserJet M601 Service
HZ464E   HP 4 year Next business day + Defective media retention LaserJet M601 Hardware Support
HZ465E   HP 5 year Next business day + Defective media retention LaserJet M601 Hardware Support
HZ466E   HP 3 year Next business day + Defective media retention LaserJet M601 Hardware Support

HZ467E   HP 4 year 4 hour 13x5 LaserJet M601 Hardware Support
HZ468E   HP 5 year 4 hour 13x5 LaserJet M601 Hardware Support
HZ469E   HP 4 year 4 hour 9x5 LaserJet M601 Hardware Support
HZ470E   HP 5 year 4 hour 9x5 LaserJet M601 Hardware Support
HZ471E   HP 4 year Next business day LaserJet M601 Hardware Support
HZ472E   HP 5 year Next business day LaserJet M601 Hardware Support
HZ474PE   HP 1 year Post warranty Next business day LaserJet M601 Hardware Support
HZ475PE   HP 1 year Post warranty 4 hour 9x5 LaserJet M601 Hardware Support
HZ476PE   HP 1 year Post warranty 4 hour 13x5 LaserJet M601 Hardware Support
HZ477PE   HP 1 year Post warranty Next business day + Defective media retention LaserJet M601 Hardware Support
HY581PE   HP 2 year Post warranty Next business day LaserJet M601 Hardware Support
UC742E   HP Network Install Mono-mid LaserJet Service
HC128PE   HP 1 year Post warranty Phone Assist Service
UZ048E   HP Autosend + Install Mono-mid LaserJet Service
UC741E   HP Install Mono mid-range LaserJet Service

Paper
Asia Pacific: www.hp.com/apac/printingsupplies

Software
Print drivers and installation software on CD: Windows print driver (HP PCL 6 discrete), SNP alerts, Mac print driver

Solutions
For more solutions information, please visit www.hp.com/go/gsc

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 http://www.hp.com/go/learnaboutsupplies.

Recommended services:

Same Day Onsite Service:
An HP technician or authorised service provider arrives at your site within four hours after the service call is received, if this time falls within the coverage window

Next Day Onsite Service:
Technician delivered onsite service the next business day after the service call is received

For more information visit: www.hp.com/go/printservices.

These services and additional coverage options can be purchased as:

HP Care Pack Services:
Easy-to-buy, easy-to-use support packages

HP Contractual Services:
A comprehensive portfolio for maintaining maximum IT availability