

HP LaserJet Managed E60165dn



This HP LaserJet with JetIntelligence combines performance, energy efficiency, and security.¹

This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security.¹



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help prevent potential attacks and take immediate action with instant notification of security issues.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.²
- Give workgroups what they need to succeed. Easily choose and deploy over 175 HP and third-party solutions.



High-speed performance meets energy efficiency

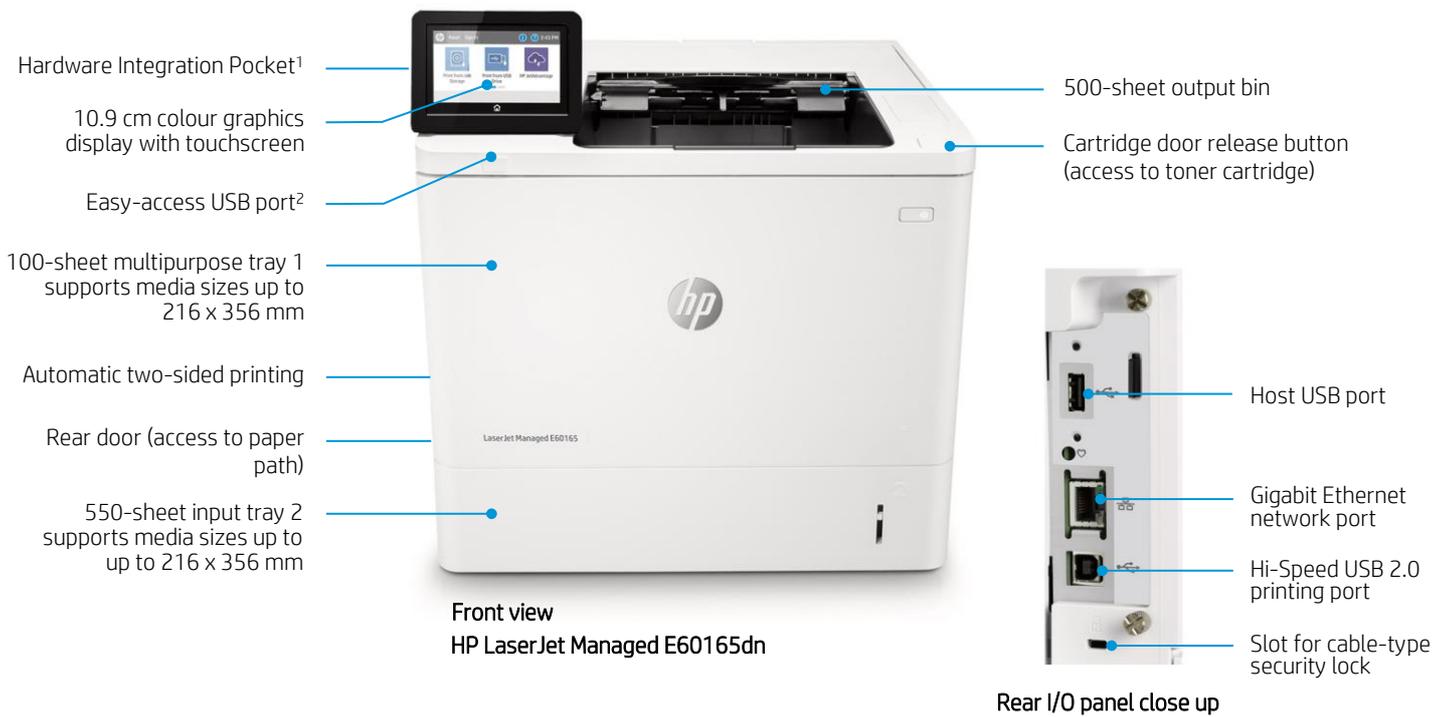
- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This printer wakes up fast and prints your first page faster—in as quickly as 8.3 seconds.⁴
- This printer uses exceptionally low amounts of energy thanks to its innovative design and toner technology.⁵
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.



Pages, Performance, and Protection.

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.⁷
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.

Product Walkaround



At a glance

Model (product number)	E60165dn (3GY10A)
Print speeds (A4) ³	Up to 61 pages per minute (ppm)
Control panel	10.9 cm colour graphics display with touchscreen
100-sheet multipurpose tray 1, 550-sheet tray 2	✓
Managed Cartridge yield ⁵	Black: ~50,000 pages
Wireless direct ⁶ /NFC touch-to-print ⁷ /BLE ⁸	Optional
Wireless networking ⁹	Optional
HP High-Performance Secure Hard Disk	Optional
Recommended Monthly Page Volume (RMPV) ¹⁰	5,000 to 40,000 pages

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

² An administrator must enable the easy-access USB port before use.

³ 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.

⁴ The HP LaserJet Managed E60165dn comes standard with the 100-sheet multipurpose tray and 550-sheet tray 2. It can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeder. All optional accessories support media sizes up to 216 x 356 mm.

⁵ Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/learnaboutsups. HP Managed Cartridges are not included in printer purchase; purchase separately.

⁶ Wireless direct printing can be added by purchasing the optional HP Jetdirect 3000w NFC/wireless direct accessory (J8030A). If selected, you cannot also select the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A) or HP Jetdirect 2900nw Print Server (J8031A). Mobile device needs to be connected directly to the signal of a wireless direct supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see hp.com/go/mobileprinting.

⁷ Touch-to-print can be added by purchasing the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

⁸ Bluetooth® Low Energy is optional on the HP LaserJet Managed E60165dn with the addition of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (J8031A) or the HP Jetdirect 3000w NFC/Wireless Accessory (J8030A). Bluetooth is a trademark owned by its proprietor and used by HP Inc. under licence.

⁹ Wireless networking can be added with the selection of the optional HP Jetdirect 2900nw Print Server (J8031A). If selected, you cannot also select the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A) or HP Jetdirect 3000w NFC/Wireless Accessory (J8030A). Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

¹⁰ Recommended Monthly Page Volume: 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.

Technical specifications

Product name	HP LaserJet Managed E60165dn
Product number	3GY10A
Functions	Print
Print	
Duplex printing	Automatic (standard)
Print speed ¹¹	Black (A4, normal) Up to 61 ppm; Black (A4, duplex) : Up to 50 ipm; Black (letter, normal) : Up to 65 ppm; Black (letter, duplex) : Up to 53 ipm
First page out ¹²	Black (A4, ready) : As fast as 5.1 sec; Black (A4, sleep) : As fast as 8.3 sec
Print technology	Laser
Print resolution	Black (best) : Up to 1200 x 1200 dpi; Black (normal) : FastRes 1200
Print resolution technology	FastRes 1200; 1200 x 1200 dpi
Print cartridges number	1 (black)
Standard print languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Printer management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Connectivity	
Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket
Mobile printing capability ⁸	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; ROAM capable for easy printing
Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900w Print Server J8031A
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).
Memory	Standard : 512 MB; Maximum : 1.5 GB, MAX memory, when Accessory DIMM is installed
Hard disk	Optional, 500 GB minimum encrypted hard disk drive
Processor speed	1.2 GHz
Paper handling	
Duty cycle (monthly)	Duty cycle (monthly, A4) : Up to 420,000 pages; Recommended monthly page volume : 5,000 to 40,000
Input capacity	100-sheet multipurpose feeder, 550-sheet input feeder; Optional 550-sheet paper feeder; optional 75 sheet envelope feeder; optional high-capacity 2100 sheet paper feeder and stand, Optional pedestal
Output capacity	500 sheet output bin
Number of paper trays	Standard : 2; Maximum : Up to 6
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope
Media weight	Tray 1: 60 to 199 g/m ² ; Tray 2: 60 to 120 g/m ²
Media size	Custom (metric) : Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 99 x 148 to 216 x 356 mm; Optional 550-sheet tray: 99 x 148 to 216 x 356 mm; Optional 2100-sheet tray: custom sizes not supported; Optional 75-envelope feeder: 90 x 148 to 178 x 254 mm; Supported (metric) : Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, envelopes (B5, C5, C6, DL), Postcard (JIS single and double); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, Postcard (JIS single and double); Optional 550-sheet tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, Postcard (JIS single and double); Optional 2100-sheet tray: A4; Optional 75-envelope feeder: B5, C5, C6, DL; Automatic Duplexer: A4, A5, RA4, B5 (JIS), Oficio (216 x 340 mm), 16K
Printer dimensions (W x D x H)	431 x 466 x 380 mm
Printer weight³	21.55 kg
Software included	No software solutions are included in the Box, only on http://hp.com , http://123.hp.com
What's in the box²	HP Color LaserJet Printer; HP Original LaserJet Toner Cartridge (toner cartridge installed); Documentation (Hardware Install Guide); Power cord; Fixed-Size Cassette Guides
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region. (wty code 4G)
Systems	
Compatible operating systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For more information on the supported operating systems go to http://support.hp.com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/uld
Minimum system requirements	Windows : 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com ; Mac : 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com
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 PDF & 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; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs
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 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
Control panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Display	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Power ⁴	Requirements : Input voltage: 100 V to 127 V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 12 A; Input voltage: 220 V to 240 V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 6 A; Consumption : 720 watts (printing), 15.4 watts (ready), 0.6 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off); Typical Electricity Consumption (TEC) ⁵ : ES: 2.622 kWh/week; BA: 2.425 kWh/week; Power supply type : Built-in 115V or 220V Power Supply
Operating environment	Operating temperature range : 10 to 32.5°C; Recommended operating temperature range : 15 to 27°C Operating humidity range : 10 to 80% RH; Recommended operating humidity range : 30 to 70% RH
Acoustics	Acoustic power emissions : 7.2 B(A); Acoustic power emissions (ready) : 3.5 B(A); Acoustic pressure emissions bystander (ready) : Inaudible
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries.
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateless via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x

Ordering information

Accessories

Number	Description
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4QL32A	HP Legic Secure USB Reader
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
G6W84A	HP 1 GB 90-pin DDR3 DIMM
J8031A	HP Jetdirect 2900nw Print Server
L0H17A	HP LaserJet 550-sheet Paper Tray
L0H18A	HP LaserJet 2100 Sheet Paper Tray
L0H19A	HP LaserJet Printer Stand
L0H20A	HP LaserJet Stapler/Stacker/Mailbox
L0H21A	HP LaserJet Envelope Feeder
L0H22A	HP LaserJet Extension Tray Cover
X3D03A	HP Universal USB Proximity Card Reader
Y7C05A	HP HIP2 Keystroke Reader

HP Care Packs

Number	Description
U9NH5E	HP 3 year Next Business Day w/DMR Service for LaserJet E6006x E6016x Managed
U9NH6E	HP 4 year Next Business Day w/DMR Service for LaserJet E6006x E6016x Managed
U9NH7E	HP 5 year Next Business Day w/DMR Service for LaserJet E6006x E6016x Managed

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

Supported paper

Contact HP via phone: Asia: 65 6253 8500

Original HP ink cartridges and maintenance supplies

Number	Description
W9004MC	HP Black Managed LaserJet Toner Cartridge (Up to 50,000 pages)
L0H24A	HP LaserJet 110V Maintenance Kit
L0H25A	HP LaserJet 220V Maintenance Kit

This printer uses newer generation HP cartridges identifiable by a "P" at the end of the cartridge lot number. More at www.hp.com/go/learnaboutsupplies

HP Inc. offices

Australia	(613) 8833 5000	hp.com.au
China	(010) 6564 3888	hp.com.cn
Hong Kong	(852) 3077 2688	hp.com.hk
India	(80) 2612 9000	hp.com/in
Indonesia	(62-21) 5799 1088	hp.com/id
Korea	(02) 2199 0114	hp.co.kr
Malaysia	(603) 2332 3333	hp.com.my
New Zealand	(09) 918 9555	hp.co.nz
Philippines	(632) 888 5900	hp.com/ph
Singapore	(65) 6275 3888	hp.com.sg
Taiwan	(02) 3789 9900	hp.com.tw
Thailand	(662) 353 9500	hp.com/th
Vietnam	(848) 3823 4151	hp.com/vn

For the following countries, please fax your queries to (65) 6275 6707 Bangladesh, Bhutan, Brunei, Cambodia, Maldives, Nepal, Pakistan, Sri Lanka

Solutions

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



Windows 10



Footnotes

- ¹ Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims>
- ² HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>
- ³ 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.
- ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.
- ⁵ Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see hp.com/go/Ljclaims.

Technical specifications disclaimers

- ¹ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- ² Standard cartridges included; yields 11,000 black pages. Average black declared yields 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>.
- ³ With print cartridges
- ⁴ 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 values typically based on measurement of 115 V device.
- ⁵ 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. Energy Star value typically based on measurement of 115 V device.
- ⁶ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
- ⁷ Average black declared yields 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>.
- ⁸ To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customer can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB.
- ⁹ 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.
- ¹⁰ HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
- ¹¹ 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.
- ¹² Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

To learn more, visit hp.com

