HP LaserJet Managed E60165dn (3GY10A)



Overview

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 printing[1]

With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.

Pages, Performance, and Protection.

Produce sharp text, bold blacks, and crisp graphics with precision black toner.

High-speed performance meets energy efficiency

Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.

Features

Consumable Access Control	Fixed-size Cassette Guides
Data logger & Print Engine Failure Sensor	LLC Life Optimization
HP Sure Start	Run-time Intrusion detection

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[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

Specifications

Print Resolution Technologies	FastRes 1200; 1200 x 1200 dpi
Print quality black (best)	Up to 1200 x 1200 dpi
Print speed black (ISO, A4)	Up to 61 ppm
Print speed black (ISO, letter)	Up to 65 ppm
Print speed	Print speed up to 65 ppm (black)
Bottom margin (A4)	4.3 mm
Left margin (A4)	4.3 mm
Right margin (A4)	4.3 mm
Top margin (A4)	4.3 mm
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 420,000 pages
Duty cycle (monthly, letter)	Up to 420,000 pages[9]
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Replacement cartridges	HP Black Managed LaserJet Toner (50,000 yield) W9004MC. 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[7]
Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket
Connectivity, optional	HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
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); Microsoft Universal Print (MUP) support
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 2900nw Print Server J8031A
Mobile printing capability	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified

Network protocols, supported	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, Stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x
Software included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com
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/upd
Sustainability specifications	Mercury-free
Energy star certified	Yes
Ecolabels	CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Display area (imperial)	3.74 x 2.31 in
Display area (metric)	95.04 x 53.85 mm
Display	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Dimensions (W x D x H)	431 x 466 x 380 mm
Dimensions (W x D x H)	17 x 18.3 x 15 in
Weight	21.55 kg[3] *(With print cartridges)*
Weight	47.51 lb *(With print cartridges)*
Power consumption	720 watts (printing), 15.4 watts (ready), 0.6 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off)[4]
Power supply type	Built-in 115V or 220V Power Supply
What's in the box	HP LaserJet Managed E60165dn Printer; HP Original LaserJet Toner Cartridge (~11,000 pages); Documentation (Hardware Install Guide); Power cord; Fixed-Size Cassette Guides[2]
Manufacturer 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)

Additional specifications

Accessories	LOH17A HP LaserJet 550-Sheet Paper feeder; LOH18A HP LaserJet 2100-Sheet Paper feeder; LOH19A HP LaserJet Printer Stand; LOH20A HP LaserJet Stapler/Stacker/ Mailbox; LOH21A HP Envelope Feeder; L0H22A HP Extension Tray Cover; B5L28A HP Internal USB Ports; B5L29A HP Secure High Performance Hard Disk Drive; J8031A HP Jetdirect 2900nw Print Server; G6W84A HP 1 GB 90-Pin DDR3 DIMM; 2MU47A Accessibility Assistant; J8030A HP Jetdirect 3000w NFC/Wireless Accessory; 3JN69A HP JetDirect 3100w BLE/NFC/Wireless Accessory; 2NR12A HP Removable Hard Drive Enclosure; X3D03A HP USB Universal Card Reader; Y7C05A HP HIP2 Keystroke Reader; 4QL32A HP Legic Reader
Acoustic power emissions (active, printing)	7.2 B(A)
Acoustic power emissions (ready)	3.5 B(A)
Acoustic pressure emissions bystander (active, printing)	57 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	hp.com
Automatic paper sensor	No
Best technical electricity consumption (TEC)	2.425 kWh/week[6]
Best technical electricity consumption (TEC) footnote	[6] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
Business filter	cMPS
Cable included	No, please purchase (USB) cable separately
Capacity	Optional 500 GB Hard Disk
Cartons per layer	4
Color or black	Black and white
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com, Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- For more information see http://hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://hp.com/go/upd
Component type	Printer
Consumables CO2e (kg)	9

Control panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Count of layers in pallet	4 (AMS/EMEA); 3 (APJ)
Datasheet photo 1	Publication photos/3GY10A.jpg
Datasheet photo 4	Publication photos/E60165 walkaround.jpg
Datasheet publication number	4AA7-4683
Downloadable software	From http://123.hp.com, HP Easy Start (Guided Software Install for Windows and Mac), From http://hp.com for Windows OS, Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From http://hp.com for Mac OS, HP Easy Start (Guided Software Install), HP Mac PS Print Driver, HP Easy Admin, For Mobile OS, iOS For more information see http://hp.com/go/businessmobileprinting, Android For more information see http://hp.com/go/businessmobileprinting, From http://hp.com for printer administrators, Printer Administrator Resource Kit (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows, HP ePrint Software (Mobile Driver for Windows), SAP Print Drivers for more information see http://support.hp.com/us-en/document/c05051702, HP Web JetAdmin, HP JetAdvantage Security Manager, HPLIP Linux Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html, Unix Model Script Printer Driver for more information see http://hp.com/go/unixmodelscripts, ReadIris
Driver updates	Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go to http://www.hp.com/support/ljE60165; Outside the US, go to http://www.hp.com/support 1 Select the country/region 2 Select Software and Drivers 3 Select Printer 4 Enter a product name/number 5 The operating system is automatically detected 6 Select a driver or other software 7 Then select DOWNLOAD
Duty cycle note	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.
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	CISPR 22:2008 (International) - Class A, CISPR32:2012 (International) - Class A, EN 55032: 2012 (EU) - Class A, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010, EMC Directive 2014/30/EU, FCC CFR 47 Part 15 Class A/ICES-003, Issue 6 Class A. Other EMC approvals as required by individual countries.
End of Life CO2e (kg)	28.286
Energy Usage CO2e (kg)	31.766
Engine life	1350000
Envelope Feeder	Yes, 75
FCC Class A emissions	FCC Class A emissions - for use in commercial environments, not residential environments
Finished output handling	Sheetfed

First page out black (A4, ready)	As fast as 5.1 sec
First page out black (A4, sleep)	As fast as 8.3 sec
First page out black (letter, ready)	As fast as 5.0 sec
First page out black (letter, sleep)	As fast as 8.2 sec
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
Input capacity	Up to 650 sheets
Internal Storage	Optional, 500 GB minimum encrypted hard disk drive
Mac compatible	Yes
Maximum Memory	1.5 GB, MAX memory, when Accessory DIMM is installed
Maximum dimensions (W x D x H)	431 x 1040 x 453 mm
Maximum dimensions (W x D x H)	17 x 40.9 x 17.8 in
Maximum input capacity (sheets)	Up to 4400 sheets
Maximum metric depth	1040
Maximum metric height	453
Maximum metric width	431
Maximum output capacity (sheets)	Up to 1300 sheets
Maximum print area	212 x 352 mm
Media size, 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); 76 x 127 to 216 x 356 mm
Media size, 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); 99 x 148 to 216 x 356 mm
Media size, tray 3	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), 99 x 148 to 216 x 356 mm; Optional 2100-sheet tray: A4; Optional 75-envelope feeder: B5, C5, C6, DL, 90 x 148 to 178 x 254 mm
Media sizes supported	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

Media sizes supported	Tray 1: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 2100-sheet tray: letter, legal; Optional 75-envelope feeder: No. 9, No. 10, Monarch; Automatic Duplexer: letter, legal, executive, 8.5 x 13 in
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes, custom	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
Media sizes, custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2 3.9 x 5.8 to 8.5 x 14 in; Optional 550-sheet tray: 3.9 x 5.83 to 8.5 x 14 in; Optional 2100-sheet tray: custom sizes not supported; Optional 75-envelope feeder: 3.55 x 5.83 to 7 x 10 in
Media type and capacity, tray 1	Sheets: 100; Transparencies: 50; Envelopes: 10
Media type and capacity, tray 2	Sheets: 550; labels: 50
Media type and capacity, tray 3	Sheets: 550; labels: 50
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 200 g/m²
Media weight (tray 2)	60 to 120 g/m²
Media weight (tray 3)	60 to 120 g/m²
Media weight, supported	Tray 1: 60 to 200 g/m²; Tray 2: 60 to 120 g/m²; Automatic Duplexer: 60 to 120 g/m²
Media weight, supported	Tray 1: 16 to 53 lb; Tray 2: 16 to 32 lb; Automatic Duplexer: 16 to 32 lb
Memory	512 MB
Memory Slots	1 slot, 90-pin
Memory upgrade	Expandable to 1.5 GB through one 90-pin DDR3 DIMM
Metric depth	466
Metric height	380
Metric width	431
Minimum System Requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com
Minimum System Requirements for Macintosh	2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com
Model number	E60165dn
Network capabilities footnote number	[12]
Number of users	10-30 Users
Operating humidity range	10 to 80% RH

Operating temperature range	15 to 30°C
Operating temperature range	59 to 86°F
Orderable supplies	HP Staple Cartridge Refill J8J96A, HP LaserJet 110 v Maintenance Kit L0H24A, HP LaserJet 220 v Maintenance Kit L0H25A
Output capacity	Up to 500 sheets
Package dimensions (W x D x H)	23.5 x 19.6 x 21.2 in
Package dimensions (W x D x H)	597 x 497 x 539 mm
Package weight	24.9 kg
Package weight	54.9 lb
Pallet dimensions	47.2 x 39.4 x 90.1 in (AMS/EMEA); 47.2 x 39.4 x 68.9 in (APJ)
Pallet dimensions (W x D x H)	1200 x 1000 x 2288 mm (AMS/EMEA); 1200 x 1000 x 1749 mm APJ
Pallet weight	413.4 kg (AMS/EMEA); 313.8 kg (APJ)
Pallet weight	911.4 lb (AMS/EMEA); 691.8 lb (APJ)
Paper handling input, optional	Optional 550-sheet paper feeder, optional 75 sheet envelope feeder, optional high-capacity 2100 sheet paper feeder and stand, Optional pedestal
Paper handling input, standard	100-sheet multipurpose feeder, 550-sheet input feeder
Paper handling output, optional	Optional 5 bin stapler stacker
Paper handling output, standard	500 sheet output bin
Paper trays, maximum	Up to 6
Paper trays, standard	2
Plug and play	HP Smart Install
Power	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. Not dual voltage, power supply varies by part number with # Option code identifier.
Print Cartridges/Bottle, Number	1 (black)
Print Technology	Laser
Print colors	No
Print languages	HP PCL 6, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Print quality black (normal)	FastRes 1200
Print resolution black (fine lines)	Up to 1200 x 1200 dpi
Print speed black (Landscape, A5)	Up to 100 ppm
Print speed black (Portrait, A5)	Up to 6 ppm
Print speed duplex (A4)	Up to 50 ipm
Print speed duplex (letter)	Up to 53 ipm
Print speed footnote (A5)	Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Print technology	Laser
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)
Printer black pages (MPV black)	4175
Processor speed	1.2 GHz
Product long name specifications	HP LaserJet Managed E60165dn, Black and white Printer for Business, Print, Front-facing USB printing; Two-sided printing
Product short name specifications	HP LaserJet E60165dn Black and white Printer, Ethernet Only; Duplex
Production CO2e (kg)	189.217
Quantity per pallet	16 (AMS/EMEA); 12 (APJ)
RMN number	BOISB-1502-00
Recommended media weight (duplex)	60 to 120 g/m²
Recommended media weight (duplex)	16 to 32 lb
Recommended monthly page volume	5000 to 40,000[10]
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	63.5 to 77°F
Recommended operating temperature range	17.5 to 25°C
Safety	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.

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 WJA-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 accessable in ArcSight and Splunk SIEMs
Segment (filter)	Business
Service level options	Onsite support within four hours after the service call is received within the coverage window
Service level options	Onsite service the next business day after the service call is received
Service level options	Onsite replacement of your printer's maintenance kit including parts, materials, and labor
Service level options	Assembly, network configuration, and basic administrator familiarization
Service level options, header	4 hour Onsite Support
Service level options, header	Next Business Day Onsite Support
Service level options, header	Maintenance Kit Replacement Service
Service level options, header	Installation with Network Configuration Service
Standard input capacity (envelopes)	Up to 10
Standard media sizes (duplex)	A4; A4-R; 16K; B5 (JIS); Oficio; RA4
Standard media sizes (duplex, imperial)	Letter; Legal; Executive; Oficio (8.5 x 13 in)
Standard output capacity (envelopes)	Up to 75 envelopes
Standard output capacity (transparencies)	200
Storage	4 GB non-volatile storage; Firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data; Secure Erase – Disk
Storage device and direct print support	Front-facing USB/Flash drive; USB printing
Storage temperature range	-20 to 40°C
Storage temperature range	-4 to 104°F
Target user and print volume	For teams over 25 users; Prints up to 40,000 pages/month
Tariff numbers	8443321010 (AM-Base-HTS); 8443321000 (EU-Base-HTS); 84433231 (AP-Base-HTS)

Technology logo 1	Publication logos/AMS_EnergyStar.jpg
Technology logo 2	Publication logos/AMS_ windows_10.jpg
Technology logo 3	Publication logos/AMS_mac_hires.jpg
Technology logo 4	Publication logos/AMS_AirPrint.jpg
Technology logo 5	Publication logos/AMS_Mopria.jpg
Technology logo 6	Publication logos/AMS_Epeat silver.jpg
Top key features	Front-facing USB printing; Two-sided printing
Total CO2e (kg)	258.249 *(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)*
Transportation CO2e (kg)	8.98
Tray capacity	650
Typical electricity consumption (TEC) footnote	[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.
Typical electricity consumption (TEC) number	2.425 kWh/Week (Blue Angel); 0.877 kWh/Week (Energy Star 3.0)[5]
UNSPSC code	43212105
UPC number	193015270336
Warm-up time	130 sec
Web address for additional information	Solutions: http://www.hp.com/go/gsc; Fonts and IPDS Emulation: http://www.hp.com/go/laserjetfonts; HP Web Jetadmin: http://www.hp.com/go/wja; HP Universal Print Driver: http://www.hp.com/go/upd; HP JetAdvantage Security Manager: http://www.hp.com/go/securitymanager; HP JetAdvantage On Demand Cloud Solutions: http://www.hp.com/go/JetAdvantageondemand

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[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.

[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.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Laser Printer Supply Kits

HP LaserJet 110V Maintenance Kit	**L0H24A ★**
HP LaserJet 220V Maintenance Kit	**L0H25A ★**

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper Glossy 150 g/m2 A4 (210 x 297 mm) 150 sheets	CG965A
HP Everyday Business Paper Glossy 32 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN08A
HP Professional Business Paper Glossy 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN10A
HP Professional Business Paper Matte 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN05A

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM 20 lb 11 x 17 in. (279 x 432 mm) 250 sheets	HPM1720P
HP MultiPurpose20TM 20 lb 8.5 x 11 in. (216 x 279 mm) 500 sheets	HPM1120R
HP MultiPurpose20TM 20 lb 8.5 x 14 in. (216 x 356 mm) 500 sheets	HPM1420P

Accessories

Memory

★ : Recommended

DDR Memory

HP 1 GB 90-pin DDR3 DIMM	**2NR03A ★**
HP 1 GB 90-pin DDR3 DIMM	**G6W84A ★**

PC Drives and Storage

EIO Hard Drives

HP High-Performance Secure Hard Disk	**B5L29A ★**

Cables/Cable Kits/Cable Adapters

Port Cables and Cable Adapters

HP Internal USB Ports	**B5L28A ★**

Network Print Servers

External Print Servers

HP Jetdirect 3000w NFC/Wireless Accessory	**J8030A ★**
HP Jetdirect 3100w BLE/NFC/Wireless Accessory	**3JN69A ★**

Internal Print Servers

HP Jetdirect LAN Accessory	**8FP31A ★**

Paper Handling

Input Trays

HP LaserJet 2100 Sheet Paper Tray	**L0H18A ★**
HP LaserJet 550-sheet Paper Tray	**L0H17A ★**
HP LaserJet Extension Tray Cover	**L0H22A ★**

Envelope Feeders

HP LaserJet Envelope Feeder	**L0H21A ★**

Output Trays and Stackers

HP LaserJet Stapler/Stacker/Mailbox	**L0H20A ★**

Staple Cartridges

HP Staple Cartridge Refill	**J8J96A ★**

Printer Accessories

LaserJet Options

HP LaserJet 512 GB SED-TAA Solid State Drive	**766R7A ★**
HP LaserJet 512GB 2.5 inch SATA CCC/FIPS/TAA Solid State Drive	B18J0A

Cabinets and Stands

Printer Cabinets and Stands

HP LaserJet Printer Stand	**L0H19A ★**

Accessory Bundles

Data Security Accessories

HP Removable Hard Drive Enclosure	**2NR12A ★**

Printer Accessibility Accessories

HP Printing Voice Assistant	478C2A

Services

Document & Printing

★ : Recommended

Support Services (for Document & Printing)

HP 3 year Next Business Day Onsite w/DMR Service for LaserJet E60065 E60165 Managed	**U9NH5E ★**	
HP 1 year Post Warranty Next Business Day Onsite w/DMR Service for LaserJet E60065 E60165 Managed	U9NJ4PE	
HP 1 year Post Warranty Parts Exchange Service for LaserJet E60065 E60165 Managed	U9NJ8PE	
HP 3 year Parts Exchange Service for LaserJet E60065 E60165 Managed	U9NJ1E	
HP 4 year Next Business Day Onsite w/DMR Service for LaserJet E60065 E60165 Managed	U9NH6E	
HP 4 year Parts Exchange Service for LaserJet E60065 E60165 Managed	U9NJ2E	
HP 5 year Next Business Day Onsite w/DMR Service for LaserJet E60065 E60165 Managed	U9NH7E	
HP 5 year Parts Exchange Service for LaserJet E60065 E60165 Managed	U9NJ3E	
HP Installation Service with network configuration for Workgroup Printer (1 unit)	U9JT2E	
HP Print Carbon Emissions Sync Service for A4 Products only	U67T2E	

Legacy Security Print Management Solutions

HP HID Mobile Access BLE MIFARE Card Reader	**35H11B ★**	
HP HID Mobile Access Mifare DES Fire Keystroking Reader	**35H11A ★**	
HP HIP1 Card Reader Accessory Kit	**5B248A ★**	
HP SIM for HID iClass for HIP2 Reader	**Y7C07A ★**	
HP SIM for Secure Mifare for Card Reader	**2NJ29B ★**	
HP Universal Card Reader	**X3D03B ★**	

Print Management Software Solutions - Security

HP HIP2 Keystroke Reader	**Y7C05A ★**	obsolete
HP USB Universal Card Reader	**X3D03A ★**	

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