



# HP Color LaserJet Managed E65060dn (L3U56A)



## Overview

This HP Color LaserJet with JetIntelligence merges performance, energy efficiency, and security.[1]

HP Managed MFPs are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this product can help reduce printing and copying costs. See your HP Authorized Reseller for details.

### The world's most secure printing[1]

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

### More Pages, Performance, and Protection[6]

ColorSphere3 toner formulation, combined with an automatic media sensor, help provide leading print quality.

### High speed performance meets energy efficiency

Speed through tasks and save paper. Print two-sided documents at up to 60 images per minute.[3]

## Features



Take the guesswork out of fleet management<sup>[10]</sup>



Eliminate the wait from your workday<sup>[12]</sup>

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*[1] Based on HP review of 2016 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>*

*[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.*

*[6] More pages versus predecessor cartridges claim based on page-yield comparison of HP M647A and HP 648A Color Original LaserJet Toner Cartridges with HP Managed Color LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies>*

## Specifications

<b>Print Resolution Technologies</b>	HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone© Calibrated
<b>Print quality black (best)</b>	Up to 1200 x 1200 dpi
<b>Print quality color (best)</b>	Up to 1200 x 1200 dpi
<b>Print speed black (ISO, A4)</b>	Up to 56 ppm
<b>Print speed black (ISO, letter)</b>	Up to 60 ppm
<b>Print Speed Color (ISO)</b>	Up to 56 ppm
<b>Print speed color (ISO)</b>	Up to 60 ppm
<b>Functions</b>	Print
<b>Duplex printing</b>	Automatic (standard)
<b>Duty cycle (monthly, A4)</b>	Up to 180,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 180,000 pages
<b>Printer smart software features</b>	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
<b>Energy savings feature technology</b>	HP Auto-on/Auto-off Technology; Instant-on Technology
<b>Replacement cartridges</b>	HP Black Managed LaserJet Toner Cartridge (~32,200 yield) W9000MC; HP Cyan Managed LaserJet Toner Cartridge (~28,000 yield) W9001MC; HP Yellow Managed LaserJet Toner Cartridge (~28,000 yield) W9002MC; HP Magenta Managed LaserJet Toner Cartridge (~28,000 yield) W9003MC <sup>[6, 13]</sup>
<b>Connectivity, standard</b>	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket
<b>Connectivity, optional</b>	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A
<b>Network capabilities</b>	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).
<b>Wireless capability</b>	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A
<b>Mobile printing capability</b>	HP ePrint; Apple AirPrint™; Mopria-certified
<b>Network protocols, supported</b>	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, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x

<b>Software included</b>	HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
<b>Compatible Operating Systems</b>	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Vista; Android; macOS 10.11 El Capitan; macOS 10.12 Sierra; Linux; UNIX <i>(Full solution software available only for Windows 7 and newer, UPD software available only for Windows 7 and newer HP Software for Mac and Windows is no longer included on the CD, but can be downloaded from 123.hp.com, Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and Scan drivers only, with a reduced feature set Windows RT OS for Tablets (32- &amp; 64-bit) uses a simplified HP print driver built into the RT OS)</i>
<b>Sustainable impact specifications</b>	Mercury free
<b>Energy star certified</b>	Yes
<b>Ecolabels</b>	ENERGY STAR® qualified; EPEAT® Silver; CECP
<b>Display area (imperial)</b>	3.74 x 2.32 in
<b>Display area (metric)</b>	95.04 x 53.86 mm
<b>Display</b>	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)
<b>Minimum dimensions (W x D x H)</b>	510 x 458 x 510 mm
<b>Minimum dimensions (W x D x H)</b>	20.08 x 18.03 x 20.08 in
<b>Weight</b>	31.3 kg <i>(With print cartridges)</i>
<b>Weight</b>	68.9 lb <i>(With print cartridges)</i>
<b>Power consumption</b>	780 watts (printing), 31 watts (ready), 0.7 watts (sleep), 0.7 watts (Auto Off/Manual On), 0.1 (Manual Off) <sup>[3]</sup>
<b>Power supply type</b>	Built in 115V or 220V Power Supply (not dual voltage, power supply varies by part number with option code identifier)
<b>What's in the box</b>	HP Color LaserJet Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) (toner cartridges installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord; <sup>[2]</sup>
<b>Manufacturer Warranty</b>	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region.

## Additional specifications

<b>Accessories</b>	2MU47A HP Accessibility Assistant; 2NR09A HP 2GB 144-Pin DDR3 TAA Version DIMM; 2NR12A HP Removable Hard Drive Enclosure; 3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory; B5L29A HP High-Performance Secure Hard Disk; E5K48A HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM; E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM; J8030A HP Jetdirect 3000w NFC/Wireless Accessory; J8031A HP Jetdirect 2900nw Print Server; P1B09A HP Color LaserJet 550-sheet Media Tray; P1B10A HP Color LaserJet 550-sheet Paper Tray with Stand; P1B11A HP Color LaserJet 3x550-sheet Feeder and Stand; P1B12A HP Color LaserJet 1x550/2000-sheet HCI Feeder and Stand; X3D03A HP Universal USB Proximity Card Reader
<b>Acoustic power emissions (active, printing)</b>	6.9 B(A)
<b>Acoustic power emissions (ready)</b>	4.6 B(A)
<b>Acoustic power note</b>	Printing color simplex A4 at 57 ppm. Acoustic values are subject to change. For current information see <a href="http://www.hp.com/support">http://www.hp.com/support</a> .
<b>Acoustic pressure emissions bystander (active, printing)</b>	54 dB(A)
<b>Acoustic pressure emissions bystander (ready)</b>	31 dB(A)
<b>Additional information about HP</b>	<a href="http://www.hp.com">http://www.hp.com</a>
<b>Additional information about HP in the countries</b>	<a href="http://hp.com">hp.com</a>
<b>Automatic paper sensor</b>	Yes
<b>Best technical electricity consumption (TEC)</b>	2.27 kWh/Week
<b>Blue Angel (sleep mode)</b>	0.70 Watts
<b>Bottom margin (A4)</b>	4.3 mm
<b>Business filter</b>	cMPS
<b>Cable included</b>	No, please purchase (USB) cable separately
<b>Cartons per layer</b>	2
<b>Compatible Network Operating Systems</b>	Windows 11; Windows 8; Windows 7; Windows Server; Linux; Citrix
<b>Component type</b>	Printer
<b>Control panel</b>	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
<b>Count of layers in pallet</b>	AMS, APJ: 4; EMEA: 3
<b>Country of origin</b>	Made in Japan (All options except AB2); Product of Japan, Assembled in China (Option AB2)
<b>Datasheet photo 1</b>	Publication photos/L3U56A.jpg
<b>Datasheet photo 4</b>	Publication photos/E65060dn.jpg

<b>Datasheet publication number</b>	c05429059
<b>Downloadable software</b>	HP Easy Start (Guided Software Install for Windows OS and Mac); HP ePrint Software (ePrint Mobile Driver for Windows); HP ePrint Software (for Windows); HP JetAdvantage Security Manager; HP Mobile Printing <a href="http://www8.hp.com/us/en/ads/mobility/overview.html">http://www8.hp.com/us/en/ads/mobility/overview.html</a> ; HP PCL6 (XPS) print driver only (No installer for "Add Printer" installs); HP PCL6 (XPS) print driver with installer; Product Documentation and Support; HP Proxy Agent Software; HP Universal Print Drivers (PCL6 & PS for Windows); Linux/Unix Print Drivers; Mac Software Solution; Printer Administrator Resource Kit; SAP (PS Print Drivers); Web JetAdmin; Windows driver only solution; Windows Full Software Solution
<b>Driver updates</b>	Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go to <a href="http://www.hp.com/support/ljE65060">www.hp.com/support/ljE65060</a> ; Outside the US, go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> 1. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> . Select the country/region. 2. Select Drivers & Downloads 3. Enter a product name/number. 4. Under Download Options, select Drivers, Software & Firmware 5. Select the operating system version. 6. Then select DOWNLOAD.
<b>Duty cycle note</b>	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.
<b>Electromagnetic compatibility</b>	CISPR 22:2008 (International) - Class A, CISPR 32:2012 (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
<b>Engine life</b>	800000
<b>Envelope Feeder</b>	No
<b>Finished output handling</b>	Sheetfed
<b>First page out black (A4, ready)</b>	As fast as 5.8 sec
<b>First page out black (A4, sleep)</b>	As fast as 7.8 sec
<b>First page out black (letter, ready)</b>	As fast as 5.7 sec
<b>First page out black (letter, sleep)</b>	As fast as 7.7 sec
<b>First page out color (A4, ready)</b>	As fast as 5.8 sec
<b>First page out color (A4, sleep)</b>	As fast as 7.8 sec
<b>First page out color (letter, ready)</b>	As fast as 5.7 sec
<b>First page out color (letter, sleep)</b>	As fast as 7.7 sec
<b>Fonts and typefaces</b>	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>
<b>Input capacity</b>	Up to 650 sheets
<b>Internal Storage</b>	Optional, 500 GB (with accessory B5L29A)

<b>Left margin (A4)</b>	4.3 mm
<b>Mac compatible</b>	Yes
<b>Maximum Memory</b>	3 GB
<b>Maximum dimensions (W x D x H)</b>	963 x 770 x 510 mm
<b>Maximum dimensions (W x D x H)</b>	37.91 x 30.31 x 20.08 in
<b>Maximum input capacity (sheets)</b>	Up to 3200 sheets
<b>Maximum output capacity (sheets)</b>	Up to 500 sheets
<b>Media size, tray 1</b>	A4, A5, A6, RA4, B5, B6, 16k, 10x15cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); 76 x 127 to 216 x 356 mm
<b>Media size, tray 2</b>	A4, A5, A6, RA4, B5, B6, 10x15cm, Oficio, 16k, Dpostcard, envelopes (DL, C5, B5, C6); 101.6 x 148 to 216 x 356 mm
<b>Media size, tray 3</b>	1x550 feeders: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard, envelopes (DL, C5, B5, C6); 101.6 x 148 to 216 x 356 mm; 2000-sheet high-capacity feeder: A4
<b>Media sizes supported</b>	Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Optional 550-sheet trays 3, 4, 5: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Optional 2,000-sheet high-capacity Tray 4: A4
<b>Media sizes supported</b>	Tray 1: letter, legal, executive, statement, Oficio, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, Oficio, 4 x 6 in, 5 x 7 in, 5 x 8 in; Optional 550-sheet trays: letter, legal, executive, statement, Oficio, 4 x 6 in, 5 x 7 in, 5 x 8 in; Optional 2,000-sheet high-capacity tray: letter, legal
<b>Media sizes, custom</b>	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 101.6 x 148 to 216 x 356 mm; Optional 550-sheet trays: 101.6 x 148 to 216 x 356 mm; Optional 2,000-sheet high-capacity tray: custom sizes not supported in this tray
<b>Media sizes, custom</b>	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4 x 5.83 to 8.5 x 14 in; Optional 550-sheet trays: 4 x 5.83 to 8.5 x 14 in; Optional 2,000-sheet high-capacity tray: custom sizes not supported in this tray
<b>Media type and capacity, tray 1</b>	Paper: 100 sheets of 75 gsm media; Envelopes: 10
<b>Media type and capacity, tray 2</b>	Plain media (75 g/m <sup>2</sup> ) sheets: 550 (55 mm stack height); Glossy media sheets (120 g/m <sup>2</sup> ): 250 (30 mm stack height)
<b>Media types</b>	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined
<b>Media weight (tray 1)</b>	60–220 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy)
<b>Media weight (tray 2)</b>	60 to 163 g/m <sup>2</sup> (plain); 120 to 220 g/m <sup>2</sup> (glossy)
<b>Media weight (tray 3)</b>	1x550 feeders: 60 to 163 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy); 2,000-sheet high capacity input tray 4: 60 to 163 g/m <sup>2</sup> (plain)
<b>Media weight, supported</b>	Tray 1: 60–220 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy); Tray 2 and automatic two-sided printing unit: 60 to 163 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy); Optional Trays 3, 4, 5 1x550-sheet feeders: 60 to 163 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy); Optional Tray 4 2,000 high capacity input: 60–163 g/m <sup>2</sup> (plain)

<b>Media weight, supported</b>	Tray 1: 16 to 58 lb (plain) 32 to 58 lb (glossy); Tray 2 and automatic two-sided printing unit: 16 to 90 lb (plain) 32 to 58 lb (glossy); Optional Trays 3, 4, 5 1x550-sheet feeders: 16 to 90 lb (plain) 32 to 58 lb (glossy); Optional Tray 4 2,000-sheet high capacity input: 16 to 58 lb (plain)
<b>Memory</b>	1 GB
<b>Memory Slots</b>	1 slot, 144-pin, DDR3 DIMM
<b>Memory upgrade</b>	Expandable to 2 GB through one 144-pin DDR3 DIMM slot
<b>Minimum System Requirements</b>	2GB available hard disk space, OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a>
<b>Minimum System Requirements for Macintosh</b>	1.3 GB available hard drive space; Internet; OS hardware requirements see <a href="http://Apple.com">Apple.com</a> for more info
<b>Non-Operating Humidity Range</b>	10 to 90% RH
<b>Number of print cartridges</b>	4 (1 each black, cyan, magenta, yellow)
<b>Number of users</b>	10-30 Users
<b>Operating humidity range</b>	10 to 80% RH
<b>Operating temperature range</b>	59 to 86°F
<b>Operating temperature range</b>	15 to 30°C
<b>Orderable supplies</b>	HP LaserJet 110V Maintenance Kit P1B91A, HP LaserJet 220V Maintenance Kit P1B92A, HP LaserJet Image Transfer Belt Kit P1B93A, HP LaserJet Toner Collection Unit P1B94A
<b>Output capacity</b>	Up to 500 sheets
<b>Package dimensions (W x D x H)</b>	653 x 596 x 578 mm
<b>Package dimensions (W x D x H)</b>	25.7 x 23.5 x 22.8 in
<b>Package weight</b>	79.3 lb
<b>Package weight</b>	36.0 kg
<b>Pallet dimensions</b>	AMS, APJ: 47.2 x 31.5 x 96.9 in; EMEA: 47.2 x 31.5 x 74.2 in
<b>Pallet dimensions (W x D x H)</b>	AMS, APJ: 1200 x 800 x 2462 mm; EMEA: 1200 x 800 x 1884 mm
<b>Pallet weight</b>	AMS, APJ: 305 kg; EMEA: 233 kg
<b>Pallet weight</b>	AMS, APJ: 672 lb; EMEA: 514 lb
<b>Paper handling input, optional</b>	Optional 1x550-sheet paper feeder, optional 1x550-sheet Paper Feeder with Stand and Cabinet, optional 3x550-sheet Paper Feeder with Stand, optional 1x550/2000-sheet HCI Feeder and Stand
<b>Paper handling input, standard</b>	100-sheet multi-purpose tray, 550-sheet input tray 2
<b>Paper handling output, standard</b>	500-sheet output bin
<b>Paper trays, maximum</b>	Up to 5
<b>Paper trays, standard</b>	2
<b>Post warranty repair &amp; maintenance</b>	Please consult web site <a href="http://www.hp.com/support">http://www.hp.com/support</a>
<b>Power</b>	Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/-3Hz), 12 A; Input voltage: 220V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A



<b>Print Technology</b>	Laser
<b>Print colors</b>	Yes
<b>Print languages</b>	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
<b>Print quality black (normal)</b>	Up to 600 x 600 dpi
<b>Print resolution black (fine lines)</b>	Up to 1200 x 1200 dpi
<b>Print resolution color (fine lines)</b>	Up to 1200 x 1200 dpi
<b>Print resolution color (normal)</b>	Up to 600 x 600 dpi
<b>Print speed black (Landscape, A5)</b>	Up to 74 ppm
<b>Print speed black (Portrait, A5)</b>	Up to 4 ppm
<b>Print speed color (Landscape, A5)</b>	Up to 74 ppm
<b>Print speed color (Portrait, A5)</b>	Up to 4 ppm
<b>Print speed duplex (A4)</b>	Up to 56 ppm
<b>Print speed duplex (A4)</b>	Up to 56 ppm
<b>Print speed duplex (letter)</b>	Up to 60 ppm
<b>Print speed duplex (letter)</b>	Up to 60 ppm
<b>Print speed footnote number (A5)</b>	[9]
<b>Print technology</b>	Laser
<b>Printer Management</b>	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
<b>Printer black pages (MPV black)</b>	1155
<b>Printer color pages (MPV color)</b>	2145
<b>Processor speed</b>	1.2 GHz
<b>Quantity per pallet</b>	AMS, APJ: 8; EMEA: 6
<b>RMN number</b>	BOISB-1503-00
<b>Recommended media weight (duplex)</b>	60 to 163 g/m <sup>2</sup> (plain); 120 to 220 g/m <sup>2</sup> (glossy)
<b>Recommended media weight (duplex)</b>	16 to 90 lb (plain); 32 to 58 lb (glossy)
<b>Recommended monthly page volume</b>	4,000 to 30,000
<b>Recommended monthly page volume note</b>	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.
<b>Recommended operating humidity range</b>	30 to 70% RH
<b>Recommended operating temperature range</b>	17.5 to 25°C

<b>Recommended operating temperature range</b>	63.5 to 77°F
<b>Right margin (A4)</b>	4.3 mm
<b>Safety</b>	EC 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 Amendment 2:2014; Other safety approvals as required by individual countries
<b>Security management</b>	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 accessible in Arcsight and Splunk SIEMs
<b>Service &amp; support options</b>	Free telephone support for basic setup, installation, and troubleshooting in North America, Europe, and Asia Pacific during warranty; Optional HP Supportpack for 4-hour response during standard business hours; Optional HP Supportpack for 24 hours a day, 7 days a week; Optional HP Supportpack for Comprehensive Technical Support
<b>Services</b>	Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.
<b>Services</b>	Customers can retain their hard disk drive and keep control of sensitive data.
<b>Services description headline 01</b>	Next Business Day Onsite with Defective Media Retention:
<b>Services description headline 02</b>	Same Day Onsite – 4 hour 9x5:
<b>Standard input capacity (envelopes)</b>	Up to 10
<b>Standard media sizes (duplex)</b>	A4; A5; RA4; B5; Oficio; 16k
<b>Standard media sizes (duplex, imperial)</b>	letter, legal, executive, Oficio
<b>Standard output capacity (envelopes)</b>	Up to 85 envelopes
<b>Standard output capacity (transparencies)</b>	Up to 200 sheets
<b>Storage temperature range</b>	-20 to 40°C
<b>Storage temperature range</b>	-4 to 104°C

<b>Sub-brand name</b>	Color LaserJet
<b>SureSupply supported</b>	Yes
<b>Target user and print volume</b>	For teams over 25 users; Prints up to 30,000 pages/month
<b>Tariff numbers</b>	8443321010 (AM-Base-HTS); 8443321090 (EU-Base-HTS); 84433230 (AP-Base-HTS)
<b>Technical support information</b>	<a href="http://www.hp.com/support/ljE65060">http://www.hp.com/support/ljE65060</a>
<b>Technology logo, print 1</b>	Publication logos/AMS_EnergyStar.jpg
<b>Technology logo, print 2</b>	Publication logos/AMS_windows_10.jpg
<b>Technology logo, print 3</b>	Publication logos/AMS_mac_hires.jpg
<b>Technology logo, print 4</b>	Publication logos/AMS_Mopria.jpg
<b>Technology logo, print 5</b>	Publication logos/AMS_hp_eprint.jpg
<b>Technology logo, print 6</b>	Publication logos/AMS_AirPrint.jpg
<b>Top margin (A4)</b>	4.3 mm
<b>Typical electricity consumption (TEC) number</b>	2.27 kWh/Week (Blue Angel); 0.693 kWh/Week (Energy Star 3.0) <sup>[4]</sup>
<b>UNSPSC code</b>	43212105
<b>UPC number</b>	889894758811
<b>Web address for additional information</b>	Solutions: <a href="http://www.hp.com/go/gsc">http://www.hp.com/go/gsc</a> ; Fonts and IPDS Emulation: <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a> ; HP Web Jetadmin: <a href="http://www.hp.com/go/wja">http://www.hp.com/go/wja</a> ; HP Universal Print Driver: <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a> ; HP JetAdvantage Security Manager: <a href="http://www.hp.com/go/securitymanager">http://www.hp.com/go/securitymanager</a> ; HP JetAdvantage On Demand Cloud Solutions: <a href="http://www.hp.com/go/JetAdvantageondemand">http://www.hp.com/go/JetAdvantageondemand</a>

*[2] Cartridges included; yields 10,500 color (C/Y/M) and 12,500 black pages. Pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. Pages may vary based on customer printing conditions and usage.*

*[3] 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.*

*[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. Energy Star value typically based on measurement of 115V device.*

*[6] Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.*

*[13] Original HP LaserJet "A" and "X" toner cartridges are also compatible with this product.*

## Ink/Toner/Paper/Printer Supplies

### HP Laser Toner Cartridges and Kits

★ : Recommended

#### HP Laser Printer Supply Kits

HP LaserJet 110V Fuser Kit	P1B91A ★
HP LaserJet Image Transfer Belt Kit	P1B93A ★
HP LaserJet Toner Collection Unit	P1B94A ★
HP LaserJet 220V Fuser Kit	P1B92A

### 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, 11 x 17 in. (279 x 432 mm), 150 sheets	4WN07A
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

## Accessories

### Paper Handling

★ : Recommended

#### Input Trays

HP Color LaserJet 1x550/2000-sheet HCI Feeder and Stand	P1B12A ★
HP Color LaserJet 3x550-sheet Feeder and Stand	P1B11A ★
HP Color LaserJet 550-sheet Media Tray	P1B09A ★
HP Color LaserJet 550-sheet Paper Tray with Stand	P1B10A ★

#### Fax Upgrades

HP MFP Analog Fax Accessory 700	2EH31A ★
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### Security and Protection

#### Smart Cards and SmartCard Readers

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

### Network Print Servers

#### Wireless Print Servers

HP Jetdirect 2700w USB Wireless Print Server	J8026A ★
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#### External Print Servers

HP Jetdirect 2800w NFC/Wireless Direct Accessory	J8029A ★
HP Jetdirect 3000w NFC/Wireless Accessory	J8030A
HP Jetdirect 3100w BLE/NFC/Wireless Accessory	3JN69A

### Memory

#### DDR3 Memory

HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM	E5K48A
HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM	E5K49A
HP 2GB 144-Pin DDR3 TAA Version DIMM	2NR09A

### PC Drives and Storage

#### EIO Hard Drives

HP High-Performance Secure Hard Disk

B5L29A

## **Accessory Bundles**

### **Data Security Accessories**

HP Removable Hard Drive Enclosure

2NR12A

# Solutions

## Imaging and Printing Solutions

★ : Recommended

### Printing SW Solution Licenses

HP HID Mobile Access Mifare DES Fire Keystroking Reader	35H11A ★
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## HP Document and Workflow Solutions

### JetAdvantage Printing Security

Celiveo Enterprise	HP3PCELIVEO
HP Access Control Secure Printing and Job Accounting Solution	HPACOLUTION
HP Proximity Card Reader	HPPROXIMTYRDR
HP Secure Print and Insights	HPJETADSECUREPRINT
HP Security Manager	HPJETADSECMGR
Kofax SafeCom Security and Job Accounting Solution	HPNSAFECOMSOL
Pharos Blueprint	HP3PHAROSBPRNT

### JetAdvantage Print Management

HP Universal Print Driver	HPUNIVPRNTDRV
HP Web Jetadmin	HPWEBJETADMIN
Kofax ControlSuite	HP_CSUITE
LRS VPSX for Output Management	HP3PLRS

### JetAdvantage Mobile Printing

ePRINTit	HP3PEPRINTIT
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## Print Security Solutions

### Print Security

Print Security	HPPRINTSECURE
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## Services

### HP Care Pack Services

★ : Recommended

#### Imaging and Printing Hardware Support Onsite Svc

HP 1 year Post Warranty 4 hour 9x5 w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PE3PE
HP 1 year Post Warranty Next Business Day w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PE1PE
HP 2 year Post Warranty 4 hour 9x5 w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PE4PE
HP 2 year Post Warranty Next Business Day w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PE2PE
HP 3 year 4 hour 9x5 w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PD5E
HP 3 year Next Business Day w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PD2E
HP 4 year 4 hour 9x5 w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PD6E
HP 4 year Next Business Day w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PD3E
HP 5 year 4 hour 9x5 w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PD7E
HP 5 year Next Business Day w/DMR Service for Color LaserJet E650xx E651xx Managed	U9PD4E

#### Imaging and Printing Commercial Care Pack Services

HP 1 yr Post Wty Parts Exchange SVC for Color LaserJet E650xx E651xx Managed	U9PE5PE
HP 2 yr Post Wty Parts Exchange SVC for Color LaserJet E650xx E651xx Managed	U9PE6PE
HP 3 year Parts Exchange Service for Color LaserJet E650xx E651xx Managed	U9PD8E
HP 4 year Parts Exchange Service for Color LaserJet E650xx E651xx Managed	U9PD9E
HP 5 year Parts Exchange Service for Color LaserJet E650xx E651xx Managed	U9PE0E
HP Installation Service with network configuration for Workgroup Printer(1 unit)	U9JT2E

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