



# HP LaserJet Managed E50045dw (3GN19A)



## Overview

**Get a faster startup<sup>[1]</sup> and help protect against threats with multi-level device security.<sup>[7]</sup>**

Finish tasks faster with a printer that starts right away and helps conserve energy.<sup>[1]</sup> Multi-level device security helps protect from threats.<sup>[7]</sup> Original HP Toner cartridges with JetIntelligence and this printer produce more high-quality pages.<sup>[2]</sup>

### **Accelerate your work and use less energy**

Don't wait for documents. Print your first page in as few as 8.1 seconds from energy-efficient sleep mode.

### **Unparalleled fleet security and management**

Embedded features detect security threats and heal your printer, protecting it from boot up to shutdown.<sup>[7]</sup>

### **More. Pages, Performance, and Protection.**

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

### **Stay connected with secure mobile printing options**

Enable 128-bit encrypted wireless direct printing from mobile devices—without accessing the network.<sup>[11]</sup>

## Features



Color touchscreen (printer)



Keep fleet security covered



Improve uptime with added input capacity<sup>[4]</sup>



Eliminate the wait from your workday

---

*[1] Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see <http://www.hp.com/go/Ljclaims>*

*[2] More pages versus predecessor cartridges claim based on page-yield comparison of HP 55X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies>*

*[4] Purchase of optional paper trays required to reach maximum input capacity.*

*[7] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at <http://www.hp.com/go/printsecurity>*

*[11] Mobile device needs to be connected directly to the WiFi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see <http://www.hp.com/go/businessmobileprinting>*

## Specifications

<b>Print Resolution Technologies</b>	300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200
<b>Print quality black (best)</b>	Up to 1200 x 1200 dpi
<b>Print speed black (ISO, A4)</b>	Up to 43 ppm
<b>Print speed black (ISO, letter)</b>	Up to 45 ppm
<b>Print speed</b>	Print speed up to 45 ppm (black)
<b>Functions</b>	Print
<b>Duplex printing</b>	Automatic (standard)
<b>Duty cycle (monthly, A4)</b>	Up to 150,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 150,000 pages <sup>[7]</sup>
<b>Printer smart software features</b>	FutureSmart Firmware, Open Extensibility Platform, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, JetIntelligence cartridges, Mopria-certified, Apple AirPrint™, HP ePrint, Hardware Integration Pocket, Online help
<b>Replacement cartridges</b>	W9017MC HP Black Managed LaserJet Toner Cartridge (~22,500 pages) <sup>[5]</sup>
<b>Supplies feature</b>	HP JetIntelligence Cartridge
<b>Connectivity, standard</b>	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10Base-T/100Base-Tx, Gigabit Ethernet 1000Base-T
<b>Connectivity, optional</b>	HP Jetdirect 2900nw Print Server J8031A
<b>Network capabilities</b>	Yes, via built-in Gigabit Ethernet
<b>Wireless capability</b>	Yes, Embedded NFC/HP Wireless Direct and built-in WiFi 802.11b/g/n
<b>Mobile printing capability</b>	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™
<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>	For Windows OS: HP Software Installer/Uninstaller, HP PCL 6 Print Driver, HP Device Experience (DXP), HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals; For Mac OS: Welcome Screen (Directs users to <a href="http://www.HP.com">http://www.HP.com</a> or OS App Store for LaserJet Software)

## Compatible Operating Systems

Windows OS compatible with In-Box Driver: Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com): Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc), Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from <http://www.hp.com> and Apple Store): OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Mobile OS (In-OS drivers): iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP): SUSE Linux (12.2, 12.3, 13.1), Fedora (17, 18, 19, 20), Linux Mint (13, 14, 15, 16, 17), Boss (3.0, 5.0), Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10), Debian (6.0.x, 7.x); Other OS: UNIX<sup>[11]</sup>

<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 color touchscreen
<b>Minimum dimensions (W x D x H)</b>	418 x 376 x 326 mm
<b>Minimum dimensions (W x D x H)</b>	16.46 x 14.80 x 12.83 in
<b>Weight</b>	11.8 kg
<b>Weight</b>	25.9 lb
<b>Power consumption</b>	741.98 watts (Active Printing), 13.72 watts (Ready), 2.51 watts (Sleep), 0.08 watts (Auto-Off), 0.08 watts (Off) <sup>[2]</sup>
<b>Power supply type</b>	Internal (Built-in) power supply
<b>What's in the box</b>	HP LaserJet Managed E50045dw Printer; HP Black LaserJet Toner Cartridge; CD; Warranty Guides; HIGS; Erratas
<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>	HP LaserJet 550-sheet Paper Tray F2A72A, HP LaserJet Printer Cabinet F2A73A, 1 GB DDR3 SlimDIMM G6W84A, HP Secure High Performance Hard Disk Drive B5L29A, HP Trusted Platform Module Accessory F5S62A, HP Internal USB Ports B5L28A, HP Internal USB Ports Qty 100 for M506 and M527 F2A88A, HP Universal Card Reader X3D03A, HP HIP2 Keystroke Reader Y7C05A, HP Accessibility Assistant 2MU47A, HP Removable Hard Drive Enclosure 2NR12A
<b>Acoustic power emissions (active, printing)</b>	6.8 B(A)
<b>Acoustic power emissions (ready)</b>	4.0 B(A)
<b>Acoustic pressure emissions bystander (active, printing)</b>	54 dB(A)
<b>Acoustic pressure emissions bystander (ready)</b>	24 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>	hp.com
<b>Automatic paper sensor</b>	No
<b>Bottom margin (A4)</b>	5 mm
<b>Business filter</b>	cMPS
<b>Cable included</b>	No, please purchase USB cable separately
<b>Cartons per layer</b>	6
<b>Compatible Network Operating Systems</b>	Windows OS compatible with In-Box Driver: Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from HP.com: Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003R2): Citrix MetaFrame Presentation Server, 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix (on Windows Server 2008/2008 R2): Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/7.0/7.5, Citrix (on Windows Server 2012/2012R2), Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers ( <a href="http://www.novell.com/iprint">http://www.novell.com/iprint</a> ): Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8; Novell Clients ( <a href="http://www.novell.com/iprint">http://www.novell.com/iprint</a> ): Windows 8 (32-bit / 64-bit) recommend v5.86+, 8.1 recommend v5.94+, Windows 7 (32-bit / 64-bit) recommend v5.82+, Windows Vista (32-bit / 64-bit) recommend v5.82+, Windows XP / SP3 (32-bit only) recommend v5.82+

<b>Component type</b>	Printer
<b>Control panel</b>	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)
<b>Count of layers in pallet</b>	5
<b>Country of origin</b>	Made in Philippines; China (F2A68A#AB2)
<b>Datasheet photo 1</b>	Publication photos/E50045dn.jpg
<b>Datasheet photo 4</b>	Publication photos/E50045dw_Walkaround.jpg
<b>Datasheet publication number</b>	c05968439
<b>Downloadable software</b>	From 123.hp.com: HP Easy Start (Guided Software Install for Windows and Mac); From HP.com for Windows OS: Full-solution software and drivers (Same solution as "Software Included"), HP PLC 6 print driver only (No installer; for "Add Printer" installs), HP PCL 6 print driver with installer, Product Documentation and Support; From HP.com for Mac OS: Full-solution software and drivers; For Mobile OS: See "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> ); From In-OS App Stores: HP recommended print drivers and software; From HP.com for printer administrators: Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator), HP Universal Print Drivers (PCL6, PCL5 & PS for Windows), HP ePrint Software (ePrint Mobile Driver for Windows), Linux/Unix Print Drivers, SAP (PCL 5 and PS Print Drivers), HP Web JetAdmin Software, HP Proxy Agent Software, HP JetAdvantage Security Manager.
<b>Driver updates</b>	Current HP print 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/ljM506">http://www.hp.com/support/ljM506</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>Electromagnetic compatibility</b>	CISPR 22:2008 (Class B), EN 55022:2010 (Class B), FCC CFR 47, Part 15 (Class B), ICES-003, Issue 5 (Class B), EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, Other EMC approvals as required by individual countries
<b>Engine life</b>	300000
<b>Envelope Feeder</b>	No
<b>FCC Class A emissions</b>	FCC Class A emissions - for use in commercial environments, not residential environments
<b>Finished output handling</b>	Sheetfeed
<b>First page out black (A4, ready)</b>	As fast as 6.0 sec; As fast as 11.5 sec (100 V)
<b>First page out black (A4, sleep)</b>	As fast as 8.1 sec; As fast as 13.7 sec (100 V)
<b>First page out black (letter, ready)</b>	As fast as 5.9 sec; As fast as 11.3 sec (100 V)
<b>First page out black (letter, sleep)</b>	As fast as 8.0 sec; As fast as 13.3 sec (100 V)

**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 World Type); 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](http://www.hp.com/go/laserjetfonts)

<b>Input capacity</b>	Up to 650 sheets
<b>Internal Storage</b>	Optional
<b>Left margin (A4)</b>	5 mm
<b>Mac compatible</b>	Yes
<b>Maximum Memory</b>	1.5 GB
<b>Maximum dimensions (W x D x H)</b>	16.46 x 25.16 x 12.83 in
<b>Maximum dimensions (W x D x H)</b>	418 x 639 x 326 mm
<b>Maximum input capacity (sheets)</b>	Up to 2300 sheets
<b>Maximum output capacity (sheets)</b>	Up to 250 sheets
<b>Media size, tray 1</b>	A4; A5; A6; B5; 16k; 10 x 15 cm; post cards (JIS single and double); envelopes (DL, C5, B5); 76 x 127 to 216 x 356 mm
<b>Media size, tray 2</b>	A4; A5; A6; B5; 16k; post cards (JIS double); 105 x 148 to 216 x 356 mm
<b>Media size, tray 3</b>	A4; A5; A6; B5; 16k; post cards (JIS double); 105 x 148 to 216 x 356 mm
<b>Media sizes supported</b>	Tray 1: A4, A5, A6, B5, 16k, 10 x 15 cm, post cards (JIS single and double), envelopes (DL, C5, C6, B5); Tray 2: A4, A5, B5, 16k, double postcard; Optional trays 3+: A4, B5, 16k, double postcard; Optional Automatic Duplexer: A4
<b>Media sizes supported</b>	Tray 1: Letter, legal, executive, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monarch); Tray 2: letter, legal, executive, 8.5 x 13; Optional trays 3+: letter, legal, executive, 8.5 x 13 in; Optional Automatic Duplexer: letter
<b>Media sizes supported, key</b>	4 x 6 in; Letter; Legal; Envelopes
<b>Media sizes supported, key</b>	10 x 15 cm; A4; Envelopes
<b>Media sizes, custom</b>	Tray 1: 76 x 127 to 216 x 356 mm; 550-sheet input Tray 2: 105 x 148 to 216 x 356 mm; Optional 550-sheet input Tray 3+: 105 x 148 to 216 x 356 mm
<b>Media sizes, custom</b>	Tray 1: 3 x 5 to 8.5 x 14 in; 550-sheet input Tray 2: 4.1 x 5.8 to 8.5 x 14 in; optional 550-sheet input Tray 3+: 4.1 x 5.8 to 8.5 x 14 in
<b>Media type and capacity, tray 1</b>	Sheets: 100; envelopes: 10
<b>Media type and capacity, tray 2</b>	Sheets: 550
<b>Media type and capacity, tray 3</b>	Sheets: 550
<b>Media types</b>	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined
<b>Media weight (tray 1)</b>	60 to 199 g/m <sup>2</sup>
<b>Media weight (tray 2)</b>	60 to 120 g/m <sup>2</sup>
<b>Media weight (tray 3)</b>	60 to 120 g/m <sup>2</sup>
<b>Media weight, supported</b>	Tray 1: 16 to 53 lb; tray 2+: 16 to 32 lb

<b>Media weight, supported</b>	Tray 1: 60 to 200 g/m <sup>2</sup> ; Tray 2+: 60 to 120 g/m <sup>2</sup>
<b>Memory</b>	512 MB
<b>Memory Slots</b>	1 slot, 90-pin DDR3 Slim DIMM
<b>Memory upgrade</b>	Expandable to 1.5 GB through 90-pin 1 GB Slim DIMM accessory
<b>Minimum System Requirements</b>	Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (For OS hardware requirements see <a href="http://www.microsoft.com">http://www.microsoft.com</a> )
<b>Minimum System Requirements for Macintosh</b>	Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB available hard disk; OS compatible hardware (For OS hardware requirements see <a href="http://www.apple.com">http://www.apple.com</a> )
<b>Non-Operating Humidity Range</b>	10 to 90% RH
<b>Number of print cartridges</b>	1 (black)
<b>Number of users</b>	5-15 Users
<b>Operating humidity range</b>	10 to 80% RH
<b>Operating temperature range</b>	59 to 90.5°F
<b>Operating temperature range</b>	15 to 32.5°C
<b>Output capacity</b>	Up to 250 sheets
<b>Package dimensions (W x D x H)</b>	497 x 398 x 466 mm
<b>Package dimensions (W x D x H)</b>	19.6 x 15.7 x 18.4 in
<b>Package weight</b>	32.1 lb
<b>Package weight</b>	14.6 kg
<b>Pallet dimensions</b>	47.2 x 39.4 x 97.7 in
<b>Pallet dimensions (W x D x H)</b>	1200 x 1000 x 2481 mm
<b>Pallet weight</b>	814.3 lb
<b>Pallet weight</b>	369.4 kg
<b>Paper handling input, optional</b>	Up to 3 optional 550-sheet paper feeders
<b>Paper handling input, standard</b>	100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing
<b>Paper handling output, standard</b>	250-sheet output bin
<b>Paper trays, maximum</b>	5
<b>Paper trays, standard</b>	2
<b>Power</b>	Input voltage: 100 to 127 VAC, 60 Hz; Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, power supply varies by part number with #option code identifier)
<b>Print Technology</b>	Laser
<b>Print colors</b>	No



<b>Print languages</b>	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)
<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 speed black (Landscape, A5)</b>	Up to 65 ppm
<b>Print speed duplex (A4)</b>	Up to 34 ipm
<b>Print speed duplex (letter)</b>	Up to 36 ipm
<b>Print technology</b>	Laser
<b>Printer Management</b>	Printer Management; Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP JetAdvantage Security Manager.
<b>Printer black pages (MPV black)</b>	1700
<b>Processor speed</b>	1.2 GHz
<b>Product long name specifications</b>	HP LaserJet Managed E50045dw
<b>Quantity per pallet</b>	30
<b>RMN number</b>	BOISB-1403-00
<b>Recommended media weight (duplex)</b>	60 to 120 g/m <sup>2</sup>
<b>Recommended media weight (duplex)</b>	16 to 32 lb
<b>Recommended monthly page volume</b>	2000 to 15,000 <sup>[8]</sup>
<b>Recommended operating humidity range</b>	30 to 70% RH
<b>Recommended operating temperature range</b>	63.5 to 77°F
<b>Recommended operating temperature range</b>	17.5 to 25°C
<b>Right margin (A4)</b>	5 mm
<b>Safety</b>	EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011; IEC 60950-1:2005 +A1:2009; EN 62479:2010/IEC 62479:2010; CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IECCEB Bulletin; UL/cUL Listed and UC CoC (US/Canada); GS Certificate (Germany, Europe); Low Voltage Directive 2006/95/EC with CE Mark (Europe); Compliance with Laser safety standards: EN 60825-1:2007/IEC 60825-1:2007 (Class 1 Laser Product); 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 FDA 21 CFR subchapter J part 1010 and 1040 (FDA Accession Number via test/ reporting to CDRH Factory ID, location and inspections are part of the certification process and record)

<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>Standard input capacity (envelopes)</b>	Up to 10
<b>Standard output capacity (envelopes)</b>	Up to 10 envelopes
<b>Standard output capacity (transparencies)</b>	Up to 75 sheets
<b>Storage</b>	4 GB eMMC
<b>Storage device and direct print support</b>	Front-facing USB/Flash drive
<b>Storage temperature range</b>	-20 to 60°C
<b>Storage temperature range</b>	-4 to 140°F
<b>SureSupply supported</b>	Yes
<b>Target user and print volume</b>	For teams up to 15 users; Prints up to 15,000 pages/month
<b>Tariff numbers</b>	8443321010
<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_AirPrint.jpg
<b>Technology logo, print 6</b>	Publication logos/AMS_hp_eprint.jpg
<b>Top key features</b>	Front-facing USB printing; Two-sided printing
<b>Top margin (A4)</b>	5 mm
<b>Typical electricity consumption (TEC) number</b>	1.824 kWh/Week (Blue Angel); 1.997 kWh/Week (Energy Star) <sup>[3]</sup>
<b>UNSPSC code</b>	43212105
<b>UPC number</b>	192545404853

**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 Imaging & Printing Security Center: <http://www.hp.com/go/ipsc>; On Demand Cloud Solutions: <http://www.hpjetadvantage.com/ondemand>

---

[2] 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.

[3] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

[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>.

[7] 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.

[8] 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] Not all "Compatible Operating Systems" are supported with inbox software; Full solution software available only for Windows 7 and newer; Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print and Scan drivers only; Windows RT OS for Tablets (32- & 64-bit) uses a simplified HP print driver built into the RT OS; UNIX model scripts are available on HP.com (Model scripts are print drivers for UNIX operating systems); Linux systems use in-OS HPLIP software.

---

## Accessories

### Memory

★ : Recommended

#### DDR Memory

HP 1 GB 90-pin DDR3 DIMM

G6W84A ★

HP 1 GB 90-pin DDR3 DIMM

2NR03A

### Cables/Cable Kits/Cable Adapters

#### Printer Cables

HP Foreign Interface Harness

B5L31A ★

#### Port Cables and Cable Adapters

HP Internal USB Ports

B5L28A ★

### Security and Protection

#### Smart Cards and SmartCard Readers

HP HIP2 Keystroke Reader

Y7C05A ★

HP USB Universal Card Reader

X3D03A ★

#### Security Devices

HP Trusted Platform Module Accessory

F5S62A ★

### PC Drives and Storage

#### EIO Hard Drives

HP High-Performance Secure Hard Disk

B5L29A ★

### Paper Handling

#### Input Trays

HP LaserJet 550-sheet Paper Tray

F2A72A ★

### Cabinets and Stands

#### Printer Cabinets and Stands

HP LaserJet Printer Cabinet

F2A73A ★

# 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 ★
---------------------------------------------------------	----------

## HP Document and Workflow Solutions

### JetAdvantage Printing Security

HP Access Control Secure Printing and Job Accounting Solution	HPACSOLUTION
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
----------	--------------

## Services

### HP Care Pack Services

★ : Recommended

#### Imaging and Printing Commercial Care Pack Services

HP Installation Service with network configuration for Workgroup Printer(1 unit)

**U9JT2E ★**

HP Print Carbon Neutral Certification Service

U34Y1E

# Ink/Toner/Paper/Printer Supplies

## HP Business Papers

★ : Recommended

### HP Business Papers for laser

HP Enhanced Business Paper, Glossy, 150 g/m <sup>2</sup> , 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

---

## Disclaimer — Copyright

© Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Windows is a registered trademark of Microsoft Corporation. AirPrint, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

© Copyright 2022 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.