

# HP Color LaserJet Enterprise M653dn (J8A04A)

**Active as of 5/1/2017** 

# **Detailed Specifications**

#### Accessories

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; 5EL03A HP TAA Version Secure Hard Disk Drive; B5L29A HP High-Performance Secure Hard Disk; CC543B HP SmartCard NIPRNet Solution for US Government; E5K48A HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM; E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM; F5S62A HP Trusted Platform Module Accessory; 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

#### Acoustic power emissions (active, printing)

6.9 B(A)

#### Acoustic power emissions (ready)

4.6 B(A)

#### **Acoustic power note**

Printing color simplex A4 at 57 ppm. Acoustic values are subject to change. For current information see http://www.hp.com/support.

### Acoustic pressure emissions bystander (active, printing)

54 dB(A)

#### Acoustic pressure emissions bystander (ready)

31 dB(A)

### **Automatic paper sensor**

Yes

#### Best technical electricity consumption (TEC)

2.27 kWh/Week

# Blue Angel (sleep mode)

0.70 Watts

#### **Blue Angel compliant**

Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies

### Blue angel footnote number

[5]

# Bottom margin (A4)

4.3 mm

### **Cable included**

No, please purchase (USB) cable separately

#### Code name

Suzuka 60

#### **Compatible Network Operating Systems**

Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit],

Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), 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 Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services)

#### **Compatible Operating Systems**

Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions (Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)

#### Connectivity, optional

HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A

### Connectivity, standard

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

#### Control panel

4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button

### Count of cartons per pallet layer

2

#### Count of layers in pallet

AMS, APJ: 4; EMEA: 3

#### **Country of origin**

Made in Japan (All options except AB2); Product of Japan, Assembled in China (Option AB2)

#### **Datasheet photo 1**

Publication photos/J8A04A.jpg

### Datasheet photo 4

Publication photos/m653\_walkaround.jpg

# **Datasheet publication number**

c05429048

#### Display

4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)

# Display area (imperial)

3.74 x 2.32 in

### Display area (metric)

95.04 x 53.86 mm

#### **Downloadable software**

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

#### **Driver updates**

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go to www.hp.com/support/colorljM653; Outside the US, go to http://www.hp.com/support 1. Go to http://www.hp.com/support. 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.

#### **Duplex printing**

Automatic (standard)

#### Duty cycle (monthly, A4)

Up to 120,000 pages

### Duty cycle (monthly, letter)

Up to 120,000 pages

#### **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.

#### **Electromagnetic compatibility**

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

#### **Energy efficiency**

ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#AAZ; #201 options only); CECP

### **Energy savings feature technology**

HP Auto-on/Auto-off Technology; Instant-on Technology

### **Energy star certified**

Yes

#### **Envelope Feeder**

No

#### **Environmental**

Mercury free

#### **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 5.8 sec

# First page out black (A4, sleep)

As fast as 7.8 sec

# First page out black (letter, ready)

As fast as 5.7 sec

# First page out black (letter, sleep)

As fast as 7.7 sec

### First page out color (A4, ready)

As fast as 5.8 sec

#### First page out color (A4, sleep)

As fast as 7.8 sec

#### First page out color (letter, ready)

As fast as 5.7 sec

# First page out color (letter, sleep)

As fast as 7.7 sec

# First page out footnote number

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# **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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>

# **Functions**

#### Image legal disclaimer

Product image may differ from actual product

#### Input capacity

Up to 650 sheets

#### **Internal Storage**

Optional, 500 GB (with accessory B5L29A)

#### Left margin (A4)

4.3 mm

#### Legal disclaimer

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### Mac compatible

Yes

#### Maximum dimensions (W x D x H)

37.91 x 30.31 x 20.08 in

#### Maximum dimensions (W x D x H)

963 x 770 x 510 mm

### Maximum input capacity (sheets)

Up to 3200 sheets

#### **Maximum Memory**

3 GB

# Maximum metric depth

770

# Maximum metric height

510

# Maximum metric width

963

#### Maximum output capacity (sheets)

Up to 500 sheets

#### Media size, tray 1

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

#### Media size, tray 2

A4, A5, A6, RA4, B5, B6, 10x15cm, Oficio, 16k, Dpostcard, envelopes (DL, C5, B5, C6); 101.6 x 148 to 216 x 356 mm

# Media size, tray 3

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

# **Media sizes supported**

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

# **Media sizes supported**

Tray 1: letter, legal, executive, statement, Oficio,  $3 \times 5$  in,  $4 \times 6$  in,  $5 \times 7$  in,  $5 \times 8$  in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, Oficio,  $4 \times 6$  in,  $5 \times 7$  in,  $5 \times 8$  in; Optional 550-sheet trays: letter, legal, executive, statement, Oficio,  $4 \times 6$  in,  $5 \times 7$  in,  $5 \times 8$  in; Optional 2,000-sheet high-capacity tray: letter, legal

# Media sizes, custom

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

#### Media sizes, custom

Tray 1:  $76 \times 127$  to  $216 \times 356$  mm; Tray 2:  $101.6 \times 148$  to  $216 \times 356$  mm; Optional 550-sheet trays:  $101.6 \times 148$  to  $216 \times 356$  mm; Optional 2,000-sheet high-capacity tray: custom sizes not supported in this tray

#### Media type and capacity, tray 1

Paper: 100 sheets of 75 gsm media; Envelopes: 10

#### Media type and capacity, tray 2

Plain media (75 g/m²) sheets: 550 (55 mm stack height); Glossy media sheets (120 g/m²): 250 (30 mm stack height)

#### **Media types**

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

#### Media weight (tray 1)

60-220 g/m² (plain), 120 to 220 g/m² (glossy)

#### Media weight (tray 2)

60 to 163 g/m<sup>2</sup> (plain); 120 to 220 g/m<sup>2</sup> (glossy)

#### Media weight (tray 3)

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)

# Media weight, supported

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)

# Media weight, supported

Tray 1:  $60-220 \text{ g/m}^2$  (plain),  $120 \text{ to } 220 \text{ g/m}^2$  (glossy); Tray 2 and automatic two-sided printing unit:  $60 \text{ to } 163 \text{ g/m}^2$  (plain),  $120 \text{ to } 220 \text{ g/m}^2$  (glossy); Optional Trays 3, 4, 5 1x550-sheet feeders:  $60 \text{ to } 163 \text{ g/m}^2$  (plain),  $120 \text{ to } 220 \text{ g/m}^2$  (glossy); Optional Tray 4 2,000 high capacity input:  $60-163 \text{ g/m}^2$  (plain)

#### Memory

1 GB

### Memory maximum note

Maximum physical memory present is reported. Actual usable amount by firmware might be less.

#### **Memory Slots**

1 slot, 144-pin, DDR3 DIMM

### Memory upgrade

Expandable to 3 GB through one 144-pin DDR3 DIMM slot

### **Metric depth**

458

#### Metric height

510

#### **Metric width**

510

#### Minimum dimensions (W x D x H)

20.08 x 18.03 x 20.08 in

#### Minimum dimensions (W x D x H)

510 x 458 x 510 mm

### **Minimum System Requirements**

2GB available hard disk space, OS hardware requirements see microsoft.com

# **Minimum System Requirements for Macintosh**

1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info

# Mobile printing capability

HP ePrint; Apple AirPrint™; Mopria-certified

# Mobile printing capability footnote number

#### **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).

#### 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, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x

#### **Non-Operating Humidity Range**

10 to 90% RH

#### **Number of print cartridges**

4 (1 each black, cyan, magenta, yellow)

#### Number of users

10-30 Users

### **Operating humidity range**

10 to 80% RH

### Operating system (supported note)

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- & 64-bit) uses a simplified HP print driver built into the RT OS

#### Operating temperature range

15 to 30°C

# Operating temperature range

59 to 86ºF

# Orderable product number

J8A04A#AB0, J8A04A#AB2, J8A04A#ABJ, J8A04A#ACJ, J8A04A#BBU, J8A04A#BGM, J8A04A#ABT, J8A04A#ABY, J8A04A#ACQ, J8A04A#B13, J8A04A#B19, J8A04A#BAZ, J8A04A#AC4, J8A04A#AC8, J8A04A#201, J8A04A#AAZ, J8A04A#BGJ

#### **Orderable supplies**

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

#### **Output capacity**

Up to 500 sheets

# Package dimensions (W x D x H)

25.7 x 23.5 x 22.8 in

### Package dimensions (W x D x H)

653 x 596 x 578 mm

#### Package weight

36.0 kg

#### Package weight

79.3 lb

# Page yield footnote number

[12]

#### **Pallet dimensions**

AMS, APJ: 47.2 x 31.5 x 96.9 in; EMEA: 47.2 x 31.5 x 74.2 in

# Pallet dimensions (W x D x H)

AMS, APJ: 1200 x 800 x 2462 mm; EMEA: 1200 x 800 x 1884 mm

# Pallet weight

AMS, APJ: 305 kg; EMEA: 233 kg

### Pallet weight

#### Paper handling input, optional

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

#### Paper handling input, standard

100-sheet multi-purpose tray, 550-sheet input tray 2

# Paper handling output, standard

500-sheet output bin

### Paper trays, maximum

Up to 5

#### Paper trays, standard

2

#### Post warranty repair & maintenance

Please consult web site http://www.hp.com/support

#### Power

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

#### **Power consumption**

780 watts (printing), 31 watts (ready), 0.7 watts (sleep), 0.7 watts (Auto Off/Manual On), 0.1 (Manual Off)

#### **Power consumption footnote number**

[3]

#### Power supply type

Built in 115V or 220V Power Supply (not dual voltage, power supply varies by part number with option code identifier)

#### **Print colors**

Yes

#### **Print languages**

HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)

### Print quality black (best)

Up to 1200 x 1200 dpi

#### Print quality black (normal)

Up to 600 x 600 dpi

#### Print quality color (best)

Up to 1200 x 1200 dpi

#### Print resolution black (fine lines)

Up to 1200 x 1200 dpi

#### Print resolution color (fine lines)

Up to 1200 x 1200 dpi

### Print resolution color (normal)

Up to 600 x 600 dpi

# **Print Resolution Technologies**

HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone© Calibrated

### Print speed (A4/letter) footnote number

[8]

#### Print speed black (ISO, A4)

Up to 56 ppm

### Print speed black (ISO, letter)

Up to 60 ppm

#### Print speed black (Landscape, A5)

Up to 74 ppm

#### Print speed black (Portrait, A5)

Up to 4 ppm

#### **Print Speed Color (ISO)**

Up to 56 ppm

### Print speed color (ISO)

Up to 60 ppm

# Print speed color (Landscape, A5)

Up to 74 ppm

### Print speed color (Portrait, A5)

Up to 4 ppm

#### Print speed duplex (A4)

Up to 56 ppm

#### Print speed duplex (A4)

Up to 56 ppm

#### Print speed duplex (letter)

Up to 60 ppm

# Print speed duplex (letter)

Up to 60 ppm

### Print speed footnote number (A5)

[9]

#### Print technology

Laser

#### **Print Technology**

Laser

### **Printer Management**

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

#### **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

### **Processor speed**

1.2 GHz

#### **Product note**

FCC Class A emissions device for use in commercial environments, not residential environments[8]

#### Quantity per pallet

AMS, APJ: 8; EMEA: 6

### Recommended media weight (duplex)

16 to 90 lb (plain); 32 to 58 lb (glossy)

#### Recommended media weight (duplex)

60 to 163 g/m<sup>2</sup> (plain); 120 to 220 g/m<sup>2</sup> (glossy)

### Recommended monthly page volume

2000 to 17,000

# Recommended monthly page volume note

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.

### Recommended operating humidity range

30 to 70% RH

#### Recommended operating temperature range

17.5 to 25°C

# Recommended operating temperature range

63.5 to 77ºF

#### Replacement cartridges

HP 655A Black Original LaserJet Toner Cartridge (~12,500 yield) CF450A; HP 656X High Yield Black Original LaserJet Toner Cartridge (~27,000 yield) CF460X; HP 655A Cyan Original LaserJet Toner Cartridge (~10,500

yield) CF451A; HP 656X High Yield Cyan Original LaserJet Toner Cartridge (~22,000 yield) CF461X; HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 yield) CF452A; HP 656X High Yield Yellow Original LaserJet Toner Cartridge (~22,000 yield) CF462X; HP 655A Magenta Original LaserJet Toner Cartridge (~10,500 yield) CF4533A; HP 656X High Yield Magenta Original LaserJet Toner Cartridge (~22,000 yield) CF463X

### Replacement cartridges footnote number

[6]

#### Right margin (A4)

4.3 mm

#### **RMN** number

BOISB-1503-00

#### Safety

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

#### **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

#### **Service & support options**

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

# Services

Customers can retain their hard disk drive and keep control of sensitive data.

#### Services

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.

#### Services (Care Pack)

U9NZ6E - HP 3 year Next Business Day Service w/Defective Media Retention; U9NZ9E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention; U9PC0PE - HP 1 year Post Warranty NBD Service w/Defective Media Retention; U9PC2PE - HP 1 year Post Warranty 4 hour 9x5 Service w/DMR

#### Services description headline 01

Next Business Day Onsite with Defective Media Retention:

#### Services description headline 02

Same Day Onsite – 4 hour 9x5:

#### Software included

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

# Standard input capacity (envelopes)

Up to 10

#### Standard media sizes (duplex)

A4; A5; RA4; B5; Oficio; 16k

### Standard media sizes (duplex, imperial)

letter, legal, executive, Oficio

#### Standard output capacity (envelopes)

Up to 85 envelopes

# Standard output capacity (transparencies)

Up to 200 sheets

#### Storage footnote number

[12]

### Storage temperature range

-20 to 40°C

#### Storage temperature range

-4 to 104ºC

#### **Sub-brand name**

Color LaserJet

#### SureSupply note

HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit hp.com/go/SureSupply; only available with Original HP supplies; Internet access required.

#### SureSupply supported

Yes

#### **Tariff numbers**

8443321010 (AM-Base-HTS); 8443321090 (EU-Base-HTS); 84433230 (AP-Base-HTS)

### **Tech spec footnote**

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

#### **Tech spec footnote**

[10] Measured using ISO/IEC 17629. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

#### **Tech spec footnote**

[11] Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

### **Tech spec footnote**

[12] eMMC is non-volatile storage; Firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data; Secure Erase – Disk

### **Tech spec footnote**

[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.

### **Tech spec footnote**

[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.

#### **Tech spec footnote**

[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.

# **Tech spec footnote**

[5] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

#### Tech spec footnote

[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.

### **Tech spec footnote**

[7] May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support

#### **Tech spec footnote**

[8] 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.

#### **Tech spec footnote**

[9] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

# **Technical support information**

http://www.hp.com/support/colorljM653

#### Technology logo, print 1

Publication logos/AMS\_EnergyStar.jpg

#### Technology logo, print 2

Publication logos/AMS\_windows\_10.jpg

### Technology logo, print 3

Publication logos/AMS\_mac\_hires.jpg

#### Technology logo, print 4

Publication logos/AMS\_Mopria.jpg

### Technology logo, print 5

Publication logos/AMS\_hp\_eprint.jpg

# Technology logo, print 6

Publication logos/AMS\_AirPrint.jpg

#### Top margin (A4)

4.3 mm

### **Tray capacity**

650

# Typical electricity consumption (TEC) footnote number

[4]

#### Typical electricity consumption (TEC) number

2.27 kWh/Week (Blue Angel); 0.693 kWh/Week (Energy Star 3.0)

#### **UNSPSC** code

43212105

#### **UPC** number

(201) 889894758200; (AB0) 889894758064; (AB2) 889894758071; (ABJ) 889894758088; (ABT) 889894758125; (ABY) 889894758132; (ACJ) 889894758095; (ACQ) 889894758149; (B13) 889894758156; (B19) 889894758163; (BAZ) 889894758170; (BBU) 889894758101; (BGJ) 889894758224; (BGM) 889894758118

#### Warrantv

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.

# Web address for additional information

Solutions: http://www.hp.com/go/gsc; Fonts and IPDS Emulation:

http://www.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

#### Weight

31.3 kg

#### Weight

68.9 lb

# Weight note (imperial)

With print cartridges

### Weight note (metric)

With print cartridges

### What is in the box footnote number

#### What's in the box

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

# Wireless capability

Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A

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