



## HP Color LaserJet Enterprise Flow MFP M682z (J8A17A)

Active as of 1/05/2017



### Overview

This HP Color LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security.<sup>1</sup>

#### The world's most secure printing<sup>1</sup>

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

Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.

Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>3</sup>

#### High speed performance meets energy efficiency

Scanning is now faster than ever; duplex scan speeds up to 180 ipm. Scan to SharePoint and more.<sup>8</sup>

This MFP wakes up fast and prints your first page faster—in as quickly as 12.5 seconds.<sup>9</sup>

This MFP uses exceptionally low amounts of energy thanks to its innovative design and toner technology.<sup>6</sup>

#### More Pages, Performance, and Protection<sup>5</sup>

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

Original HP Toner cartridges with JetIntelligence supply 39% more pages per color cartridge vs predecessor.<sup>5</sup>

Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.

#### Give workgroups the speed they need

Help workgroups capture every page easily and detect potential errors or missed pages—every time.

Enter data more quickly and accurately using the pull-out keyboard.

Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.



#### Simplify security

Rest assured that your fleet is covered, with award-winning HP JetAdvantage Security Manager.



#### Take the guesswork out of fleet management

Centrally monitor and control your printers with HP Web Jetadmin.



#### Exceptional quality

Original HP ink and toner cartridges come backed by over 20 years of development, delivering the highest quality prints.

### Specifications

#### Functions

Print, copy, scan, fax

**Multitasking supported**

Yes

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

Up to 56 ppm<sup>10</sup>

**Print Speed Color (ISO)**

Up to 56 ppm<sup>10</sup>

**Print speed duplex (A4)**

Up to 56 ppm

**Print speed duplex (A4)**

Up to 56 ppm

**First page out black (A4, ready)**

As fast as 5.8 sec

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

As fast as 5.8 sec

**Duty cycle (monthly, A4)**

Up to 120,000 pages

*(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 monthly page volume**

2000 to 17,000

*(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.)*

**Number of users**

10-30 Users

**Print technology**

Laser

**Print quality black (best)**

Up to 1200 x 1200 dpi

**Print quality color (best)**

Up to 1200 x 1200 dpi

**Processor speed**

1.2 GHz

**Print languages**

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

**Display**

8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)

**Print colors**

Yes

**Number of print cartridges**

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

**Automatic paper sensor**

Yes

**Mac compatible**

Yes

**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

**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 accessible in Arcsight and Splunk SIEMs

### Fonts and typefaces

105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at <http://www.hp.com/go/laserjetfonts>

### HP ePrint capability

Yes

### Mobile printing capability

HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Bluetooth Low Energy; Google Cloud Print 2.0

### Wireless capability

Yes, Built-in Wi-Fi Direct, Bluetooth low energy (BLE); Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A

### Connectivity, standard

1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax; 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy

### Connectivity, optional

HP Jetdirect 2900nw Print Server J8031A

### Network ready

Standard (built-in Gigabit Ethernet); Included Wi-Fi Direct and Bluetooth low energy

### Minimum System Requirements

2 GB available hard disk space; OS hardware requirements see [microsoft.com](http://microsoft.com)

### Minimum System Requirements for

#### Macintosh

1.3 GB available hard drive space; Internet; OS hardware requirements see [Apple.com](http://Apple.com) for more info

### 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.)

*(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](http://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)*

### 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](http://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](http://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 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)

**Memory**

1.5 GB (printer); 1 GB (scanner)

**Maximum Memory**

3 GB

**Memory Slots**

1 slot, 144-pin, DDR3 DIMM

**Internal Storage**

Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)

**Paper handling input, standard**

100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 2,000-sheet high capacity input tray 4, 150-sheet automatic document feeder

**Input capacity**

Up to 3200 sheets

**Maximum input capacity (sheets)**

Up to 3200 sheets

**Paper handling output, standard**

500-sheet output tray, 500-sheet output stapler stacker, two-sided printing

**Output capacity**

Up to 1,000 sheets

**Maximum output capacity (sheets)**

Up to 1,000 sheets

**Finished output handling**

Input: Sheetfed; Output: Staple; Stack; Job Offset

**Duplex printing**

Automatic (standard)

**Paper trays, standard**

4

**Paper trays, maximum**

4

**Envelope Feeder**

No

**Maximum Input Capacity (envelopes)**

MP Tray: Up to 10 envelopes (or 10mm stack height)

**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); Trays 2, 3: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Tray 4: A4

**Media sizes, custom**

Tray 1: 76 x 127 to 216 x 356 mm; Trays 2, 3: 101.6 x 148 to 216 x 356 mm; Tray 4: custom sizes not supported in this tray

**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, supported**

Tray 1: 60-220 g/m<sup>2</sup> (plain), 120 to 220 g/m<sup>2</sup> (glossy); Tray 2, 3: 60 to 163 g/m<sup>2</sup> (plain), 120 to 220 g/m<sup>2</sup> (glossy); Tray 4: 60-163 g/m<sup>2</sup> (plain)

**Scanner type**

Flatbed, ADF

**Scan file format**

Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)

**Scan resolution, optical**

Up to 600 dpi

**Bit depth**

24-bit

**Scan size, maximum**

216 x 356 mm

**Scan size (ADF), maximum**

215.9 x 863.6 mm

**Automatic document feeder capacity**

Standard, 150 sheets

**Digital sending standard features**

Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR

**File Format Supported**

Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)

**Scan speed (normal, A4)**

Up to 83 ppm/167 ipm (b&w), up to 83 ppm/167 ipm (color) <sup>18</sup>

**Scan input modes**

Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (EXP) applications; HP Scan or user application via TWAIN

**Copy speed (black, normal quality, A4)**

Up to 56 cpm

**Copy speed (color, normal quality, A4)**

Up to 56 cpm

**Copy resolution (black text)**

Up to 600 x 600 dpi

**Copy resolution (black graphics)**

Up to 600 x 600 dpi

**Copy resolution (color text and graphics)**

Up to 600 x 600 dpi

**Copies, maximum**

Up to 9999

**Copier settings**

Two-sided copying, scalability, image adjustments (darkness, contrast, background

cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes)

**Faxing**

Yes

**Fax Transmission Speed**

33.6 kbps<sup>17</sup>

**Fax memory**

Up to 500 pages

**Fax Resolution Black (best)**

Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)

**Fax Broadcast Locations**

210

**Fax Speed Dials, Maximum Number**

Up to 1000 numbers (each with 210 destinations)

**Fax Auto Redial**

Yes

**Fax delayed sending**

No

**Junk fax barrier**

Yes

**Fax Polling**

Yes (poll to receive only)

**Fax Remote Retrieval**

No

**Fax forwarding**

Yes

**Fax PC Interface Supported**

Yes

**Power**

Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A;  
Input voltage: 220 V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A

**Power supply type**

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

**Power consumption**

900 watts (printing/copying), 47 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Manual On), 0.1 (Manual Off)<sup>5</sup>

**Typical electricity consumption (TEC) number**

ES: 2.72 kWh/Week; BA: 2.68 kWh/Week

**Energy efficiency**

ENERGY STAR® qualified; CECP; EPEAT® Silver

**ENERGY STAR® certified**

Yes

**Operating temperature range**

15 to 30°C

**Operating humidity range**

30 to 70% RH

**Dimensions (W x D x H)**

657 x 657 x 1270 mm

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

992 x 967 x 1529 mm

**Weight**

76.3 kg

**UPC number**

(AB0) 889894746207; (AB2) 889894746214; (ABJ) 889894746221; (ABT) 889894746269; (ABY) 889894746276; (AC4) 889894746344; (AC8) 889894746351; (ACJ) 889894746238; (ACQ) 889894746283; (AKV) 190780966563; (B13) 889894746290; (B19) 889894746320; (BAZ) 889894746337; (BBU) 889894746245; (BGJ) 889894746382; (BGM) 889894746252

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

856 x 760 x 1684 mm

**Package weight**

96.4 kg

**Quantity per pallet**

1

**Pallet dimensions (W x D x H)**

856 x 760 x 1684 mm

**Pallet weight**

96.4 kg

**Country of origin**

Made in Mexico (NA); Made in Netherlands (EMEA); Made in China (AP)

**What's in the box**

HP Color LaserJet Multifunction 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

**Cable included**

No, please purchase USB and Fax cables separately

**Replacement cartridges**

HP 655A Black Original LaserJet Toner Cartridge (~12,500 yield) CF450A; HP 657X High Yield Black Original LaserJet Toner Cartridge (~28,000 yield) CF470X; HP 655A Cyan Original LaserJet Toner Cartridge (~10,500 yield) CF451A; HP 657X High Yield Cyan Original LaserJet Toner Cartridge (~23,000 yield) CF471X; HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 yield) CF452A; HP 657X High Yield Yellow Original LaserJet Toner Cartridge (~23,000 yield) CF472X; HP 655A Magenta Original LaserJet Toner Cartridge (~10,500 yield) CF453A; HP 657X High Yield Magenta Original LaserJet Toner Cartridge (~23,000 yield) CF473X

**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](https://123.hp.com) or OS App Source for printer software)  
Online user manuals

**Warranty**

1 Year Limited Warranty (Next Business Day On-Site)

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**Overview**

- 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 [hp.com/go/PrintersThatProtect](https://hp.com/go/PrintersThatProtect). For more information: [hp.com/go/printersecurityclaims](https://hp.com/go/printersecurityclaims)
- 3 HP Web Jetadmin is available for download at no additional charge at [hp.com/go/webjetadmin](https://hp.com/go/webjetadmin).
- 5 More pages versus predecessor cartridges claim based on page-yield comparison of HP 653X High Yield Color Original LaserJet Toner Cartridges with HP 657X High Yield Color Original LaserJet Toner Cartridges. For more information, see [hp.com/go/learnaboutequipment](https://hp.com/go/learnaboutequipment)
- 6 Energy claim based on TEC data reported on [energystar.gov](https://energy.gov) as of January 2017. Data normalized to determine energy efficiency of in-class laser printers with published speed of 50 to 60 ppm. Subject to device settings. Actual results may vary.
- 8 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- 9 Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

**Specifications**

- 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. Power consumption values typically based on measurement of 115V device.
- 10 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.
- 17 Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17
- 18 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.



### Compatibility matrix (7)

#### **HP Memory Modules. Compatibility matrix (A4)**

This tool is developed for the HP sales force and channel partners to help guide the customer to the right purchase decision when choosing connectivity and storage solutions.

#### **HP Memory Modules. Compatibility matrix (LTR)**

This tool is developed for the HP sales force and channel partners to help guide the customer to the right purchase decision when choosing connectivity and storage solutions.

#### **HP Secure MPS preferred device matrix (A4)**

This compatibility matrix identifies which embedded security features are available for supported HP Secure MPS Enterprise LaserJet and PageWide printing devices.

#### **HP Secure MPS preferred device matrix (LTR)**

This compatibility matrix identifies which embedded security features are available for supported HP Secure MPS Enterprise LaserJet and PageWide printing devices.

#### **HP Smart Device Service Supported Products**

Supported products for Smart Devices Services (SDS)

#### **Paper handling and finishing options. Compatibility matrix (A4)**

Increase productivity by expanding your paper handling and finishing options. This Compatibility matrix can help you choose the right HP accessory for your printer or MFP

#### **Paper handling and finishing options. Compatibility matrix (LTR)**

Increase productivity by expanding your paper handling and finishing options. This Compatibility matrix can help you choose the right HP accessory for your printer or MFP.

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### Data sheet (1)

#### **HP Color LaserJet Enterprise Flow MFP M682z AP datasheet**

Datasheet for HP Color LaserJet Enterprise Flow MFP M682z

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### Product family guide (4)

#### **HP Color LaserJet Enterprise MFP M681, M682 series. Product guide**

Learn everything you need to know about the HP Color LaserJet Enterprise MFP M681, M682 series. Product guide, including key features, top selling points, product walk around, business solutions, and much more.

#### **HP Flow devices and JetAdvantage Workflow Solutions. Portfolio guide (A4)**

A4 version portfolio guide to help customers understand HP's portfolio of Flow devices and workflow solutions. HP Flow MFPs, scanners, and digital senders integrate seamlessly with HP JetAdvantage solutions.

#### **HP Flow devices and JetAdvantage Workflow Solutions. Portfolio guide (LTR)**

Letter size version portfolio guide to help customers understand HP's portfolio of Flow devices and workflow solutions. HP Flow MFPs, scanners, and digital senders integrate seamlessly with HP JetAdvantage solutions.

#### **HP printers, MFPs, and all-in-ones. Selection guide**

Selection guide providing business customers the information they need to choose the right HP LaserJet or Officejet printer or MFP for their work teams, workgroups, and departments. Includes qualifying questions and tables comparing device features.

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### Sales guide (2)

#### **HP Line-up Map A4 Printers (LaserJet and PageWide) - January 2018 Edition (APJ Version except China and India)**

HP Line-up Map A4 Printers (LaserJet and PageWide) - January 2018 Edition consist of HP LaserJet Printers and HP Pagewidth Printers.

#### **HP Line-up Map A4 Printers (LaserJet and PageWide) - January 2018 Edition (China/India Only)**

HP Line-up Map A4 Printers (LaserJet and PageWide) consist of HP LaserJet Printers and HP Pagewidth Printers.

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### Solution brief (2)

## **The Wolf, season 2. Case study (A4)**

A customer-facing case study about "The Wolf: The Hunt Continues" film. Describes the hack of Coastline Regional Hospital, why the company was at risk, and how HP helped them improve security for devices (PC and printer), data, and documents.

## **The Wolf: The Hunt Continues. Case study (LTR)**

A customer-facing case study about "The Wolf: The Hunt Continues" film. Describes the hack of Coastline Regional Hospital, why the company was at risk, and how HP helped them improve security for devices (PC and printer), data, and documents.

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## **Success story (12)**

### **Automobile dealership franchiser J.D. Byrider drives efficiency with HP MPS**

J.D. Byrider selected HP Managed Print Services for its 30 company-owned stores and its corporate headquarters. Costs are improved, efficiency is up, and high-quality, cost effective color printing is available with HP Officejet Pro X printers.

### **DreamWorks speeds contract process with help from HP, Hyland and Autonomy**

DreamWorks an HP MPS customer worked with HP to streamline its back office document processes with Enterprise Content Management. HP scanned contract-document archives which are indexed and searchable. HP MFPS serve as a capture mechanism.

### **Global Legal Firm**

Security and efficiency benefits realized with HP Managed Print Services and HP Access Control for anonymous recognized global leader in the legal industry.

### **HP MPS aids in efficient healthcare at Houston Healthcare while reducing costs**

Houston Healthcare, a non-profit healthcare system in Georgia, streamlined costs without impacting quality of care and improved efficiencies with HP Managed Print Services. Implementing HP MPS has reduced print costs at Houston Healthcare by 48%.

### **HP MPS helps Hochschild Mining reach new heights in extreme conditions**

Mining demands highly durable technology solutions that can withstand extreme elevations and physical environments. To meet these needs with significant results, Hochschild Mining relies on an HP MPS program incorporating HP printer technology.

### **HP MPS provides visibility into printing for Kelly-Moore Paints**

Kelly-Moore Paints has 150 company-owned retail stores in seven states. The company has reduced internal printing costs by 60% with HP Managed Print Services. They know how much is being printed and that each location receives quality printer service.

### **HP MPS solves immediate problems and offers opportunities for Davis & Gilbert**

Davis & Gilbert is a leading law firm in the marketing communications industry. A year after employing HP MPS, printing is rarely raised as a concern among employees and cost savings grow each month.

### **HP Planet Partners, HP PurchasEdge and HP MPS programs benefit Colorado State University**

Colorado State University is known for its research in infectious disease, clean energy technologies and environmental science. With HP Planet Partners, HP PurchasEdge and HP Managed Print Services programs, CSU reaps environmental and cost benefits.

### **Merck implements HP MPS to reduce costs and add environmental benefits**

Merck initiated HP Managed Print Services to help reduce costs and bring environmental benefits. By incorporating the latest technology advances, HP MPS helps Merck enhance efficiency, employee productivity, digital workflows and security.

### **Mercury Insurance Group engaged HP MPS to empower their technology vision.**

Mercury Insurance Group transitioned from a break/fix environment of unreliable printers and toner to a proactive, optimized print infrastructure using HP MPS.

### **Principal: HP MPS solution expands to improve security, mobility**

Principal is building on its HP MPS foundation with HP Access Control and HP Capture and Route to help boost document security, reduce waste and simplify scanning.

### **The Silver Valley Unified School District relies on HP Managed Print Services.**

With tight budgets and heightened focus on the Common Core State Standard Initiative in the field of Education, efficient and reliable technology is a must. That's why the Silver Valley Unified School District relies on HP Managed Print Services.

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## **Technical white paper (1)**

### **HP Smart Device Services Security White Paper**

Information of the capabilities of the HP Smart Device Services platform, a remote management services for HP Managed Product dealers. Provides an overview of how HP Smart Device Services stores and secures data.

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## **Images - Product (4)**





Center facing

54 x 41 (jpg) 54 x 41 (png)  
 100 x 70 (jpg) 96 x 72 (jpg)  
 96 x 72 (png) 99 x 74 (png)  
 153 x 115 180 x 135  
 (png) (png)  
 240 x 180 240 x 180  
 (jpg) (png)  
 247 x 185 170 x 190  
 (png) (jpg)  
 257 x 193 320 x 240  
 (png) (jpg)  
 320 x 240 474 x 356  
 (png) (png)  
 513 x 385 400 x 400  
 (png) (jpg)  
 400 x 400 573 x 430  
 (png) (png)  
 800 x 600 1659 x 1246  
 (png) (png)  
 1500 x 3424 2314 x 4888  
 (jpg) (png)  
 2316 x 5084  
 (jpg)



Left facing

54 x 41 (jpg) 54 x 41 (png)  
 100 x 70 (jpg) 96 x 72 (jpg)  
 96 x 72 (png) 99 x 74 (png)  
 153 x 115 180 x 135  
 (png) (png)  
 240 x 180 240 x 180  
 (jpg) (png)  
 247 x 185 170 x 190  
 (png) (jpg)  
 257 x 193 320 x 240  
 (png) (jpg)  
 320 x 240 474 x 356  
 (png) (png)  
 513 x 385 400 x 400  
 (png) (jpg)  
 400 x 400 573 x 430  
 (png) (png)  
 800 x 600 1659 x 1246  
 (png) (png)  
 1500 x 3076 2512 x 4916  
 (jpg) (png)  
 2583 x 5079  
 (jpg)



Right facing

54 x 41 (jpg) 54 x 41 (png)  
 100 x 70 (jpg) 96 x 72 (jpg)  
 96 x 72 (png) 99 x 74 (png)  
 153 x 115 180 x 135  
 (png) (png)  
 240 x 180 240 x 180  
 (jpg) (png)  
 247 x 185 170 x 190  
 (png) (jpg)  
 257 x 193 320 x 240  
 (png) (jpg)  
 320 x 240 474 x 356  
 (png) (png)  
 513 x 385 400 x 400  
 (png) (jpg)  
 400 x 400 573 x 430  
 (png) (png)  
 800 x 600 1659 x 1246  
 (png) (png)  
 1500 x 2918 2629 x 4775  
 (jpg) (png)  
 2688 x 4948  
 (jpg)



Close up of control

54 x 41 (jpg) 54 x 41 (png)  
 100 x 70 (jpg) 96 x 72 (jpg)  
 96 x 72 (png) 99 x 74 (png)  
 153 x 115 180 x 135  
 (png) (png)  
 240 x 180 240 x 180  
 (jpg) (png)  
 247 x 185 170 x 190  
 (png) (jpg)  
 257 x 193 320 x 240  
 (png) (jpg)  
 320 x 240 474 x 356  
 (png) (png)  
 513 x 385 400 x 400  
 (png) (jpg)  
 400 x 400 573 x 430  
 (png) (png)  
 800 x 600 1659 x 1246  
 (png) (png)  
 4618 x 3456 4622 x 3456  
 (jpg) (png)

## Images - Product in use (18)



HP Color LaserJet Enterprise Flow MFP M681f, HP Pro x2 612



HP Color LaserJet Enterprise Flow MFP M681f/M682z



HP Color LaserJet Enterprise Flow MFP M681f/M682z



HP Color LaserJet Enterprise Flow MFP M681f/M682z



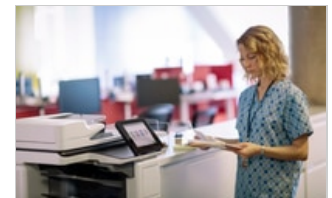
HP Color LaserJet Enterprise Flow MFP M681f/M682z



HP Color LaserJet Enterprise Flow MFP M681f/M682z



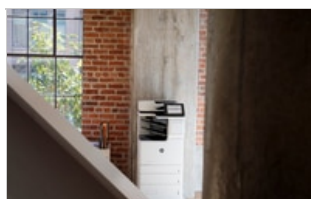
HP Color LaserJet Enterprise Flow MFP M681f/M682z



HP Color LaserJet Enterprise Flow MFP M681f/M682z



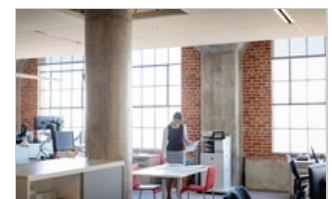
HP Color LaserJet Enterprise Flow MFP M681f/M682z



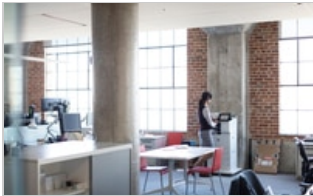
HP Color LaserJet Enterprise Flow MFP M681f/M682z



HP Color LaserJet Enterprise Flow MFP M681f/M682z



HP Color LaserJet Enterprise Flow MFP M681f/M682z



HP Color LaserJet  
Enterprise Flow MFP  
M681f/M682z



HP Color LaserJet  
Enterprise Flow MFP  
M681f/M682z



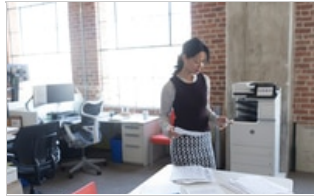
HP Color LaserJet  
Enterprise Flow MFP  
M681f/M682z



HP Color LaserJet  
Enterprise Flow MFP  
M681f/M682z



HP Color LaserJet  
Enterprise Flow MFP  
M681f/M682z



HP Color LaserJet  
Enterprise Flow MFP  
M681f/M682z

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## Search additional assets (Asset Hub)

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## Cables/Cable Kits/Cable Adapters

### Port Cables and Cable Adapters

Active	HP Internal USB Ports	B5L28A
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### Printer Cables

Active	HP Foreign Interface Harness	B5L31A
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## Keyboards/Mice/Monitors and Input Devices

### Keyboards

Active	HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese	A7W12A
Active	HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland	A7W13A
Active	HP LaserJet Swedish Overlay Keyboard	A7W14A

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## Network Print Servers

### External Print Servers

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

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## Paper Handling

### Fax Upgrades

Active	HP LaserJet MFP Analog Fax Accessory 500	CC487A
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### Input Trays

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

### Staple Cartridges

Active	HP Staple Cartridge Refill	J8J96A
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## PC Drives and Storage

### EIO Hard Drives

Active	HP High-Performance Secure Hard Disk	B5L29A
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## HP Care Services

### Imaging and Printing Commercial Care Services

Active	HP 1 year Post Warranty 4 hour 9x5 Service w/DMR for Color LaserJet Enterprise MFP M68x	U9NX3PE
Active	HP 1 year Post Wty NBD Parts Exchange Service for Color LaserJet Enterprise MFP M68x (Channel Only)	U9NX9PE
Active	HP 1 year Post Wty NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NX1PE
Active	HP 2 year Post Warranty 4 hour 9x5 Service w/DMR for Color LaserJet Enterprise MFP M68x	U9NX4PE
Active	HP 2 year Post Wty NBD Parts Exchange Service for Color LaserJet Enterprise MFP M68x (Channel Only)	U9NY0PE
Active	HP 2 year Post Wty NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NX2PE
Active	HP 3 year 4 hour 13x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NP9E
Active	HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NP6E
Active	HP 3 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NP3E
Active	HP 3 year Next Business Day Parts Exchange Svc for Color LaserJet Enterprise MFP M68x (Channel Only)	U9NQ5E
Active	HP 4 year 4 hour 13x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NQ0E
Active	HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NP7E
Active	HP 4 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NP4E
Active	HP 4 year Next Business Day Parts Exchange Svc for Color LaserJet Enterprise MFP M68x (Channel Only)	U9NQ6E
Active	HP 5 year 4 hour 13x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NQ1E
Active	HP 5 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NP8E
Active	HP 5 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x	U9NP5E
Active	HP 5 year Next Business Day Parts Exchange Svc for Color LaserJet Enterprise MFP M68x (Channel Only)	U9NQ7E
Active	HP Automatic Document Feeder Maintenance Kit Replacement Service for Color LaserJet M68x	U9TN4E
Active	HP Fuser 110 Maintenance Kit Replacement Service for Color LaserJet M65x M68x	U9TN0E
Active	HP Fuser 220 Maintenance Kit Replacement Service for Color LaserJet M65x M68x	U9TN1E
Active	HP Image Transfer Belt Maintenance Kit Replacement Service for Color LaserJet M65x M68x	U9TN2E
Active	HP Inst SVC w/nw Workgroup Printer	U9JT2E
Active	HP Toner Collection Unit Maintenance Kit Replacement Service for Color LaserJet M65x M68x	U9TN3E

## Printing Solutions

### Mobile Printing

Active	PrinterOn Enterprise	HP3PPRINTERON
Active	St. Joseph ePRINTit	HP3PEPRINTIT

### Print Management

Active	HP JetAdvantage Insights	HPJETADINSIGHTS
Active	LRS VPSX for Output Management	HP3PLRS

### Printer Workflow and Document Management

Active	HP Capture and Route	HPCAPTANDROUTE
Active	HP Digital Sending Software	HPDIGSENDSOFT
Active	HP Embedded Capture	HPEMBEDDEDCAP
Active	Hyland OnBase	HPHYLANDONBASE
Active	Udocx for Office 365	HP3PUDOCXSOL

### Printing Security

Active	HP Access Control Secure Printing and Job Accounting Solution	HPACSOLUTION
Active	HP JetAdvantage Private Print	HPCMPONDMDND
Active	HP JetAdvantage Secure Print	HPJETADSECUREPRINT
Active	HP JetAdvantage Security Manager	HPJETADSECMGR
Active	HP Proximity Card Reader	HPPROXIMTYRDR
Active	Nuance Equitrac Security and Job Accounting Solution	HPNEQUITRACSOL
Active	Nuance SafeCom Security and Job Accounting Solution	HPNSAFECOMSOL

## HP Laser Toner Cartridges and Kits

### HP Color Laser Toner Printer Cartridges

Active	HP 655A Black Original LaserJet Toner Cartridge	CF450A
Active	HP 655A Cyan Original LaserJet Toner Cartridge	CF451A
Active	HP 655A Magenta Original LaserJet Toner Cartridge	CF453A
Active	HP 655A Yellow Original LaserJet Toner Cartridge	CF452A
Active	HP 657X High Yield Black Original LaserJet Toner Cartridge	CF470X
Active	HP 657X High Yield Cyan Original LaserJet Toner Cartridge	CF471X
Active	HP 657X High Yield Magenta Original LaserJet Toner Cartridge	CF473X
Active	HP 657X High Yield Yellow Original LaserJet Toner Cartridge	CF472X

### HP Laser Printer Supply Kits

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



## Detailed Specifications

### Accessories

HP Jetdirect 2900nw Print Server J8031A, HP Trusted Platform Module Accessory F5S62A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP 1GB DDR3 x32 144-Pin 800MHz SODIMM E5K48A, HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese A7W12A, HP LaserJet Swedish Overlay Keyboard A7W14A, HP Staple Cartridge Refill J8J96A

### Acoustic power emissions

6.8 B(A)

### Acoustic power emissions (active copy)

7.2 B(A)

### Acoustic power emissions (active scan)

7.2 B(A)

### Acoustic power emissions (ready)

4.6 B(A)

### Acoustic power note

Printing color simplex A4 at 57 ppm. Scanning color simplex A4 at 96 ppm. Acoustic values are subject to change. For current information see <http://www.hp.com/support>.

### Acoustic pressure emissions bystander (active copy)

57 dB(A)

### Acoustic pressure emissions bystander (active scan)

57 dB(A)

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

53 dB(A)

### Acoustic pressure emissions bystander (ready)

32 dB(A)

### Additional information about HP

<http://www.hp.com>

### Additional information about HP in the countries

<http://www.hp.com/uk>

### Auto fax reduction supported

Yes

### Automatic document feeder capacity

Standard, 150 sheets

### Automatic paper sensor

Yes

### Best technical electricity consumption (TEC)

2.24 kWh/Week

### Bit depth

24-bit

### Blue Angel (sleep mode)

0.73 Watts

### Blue Angel compliant

Yes; Blue Angel RAL-UZ 205

### Blue angel footnote number

[6]

### Bottom margin (A4)

4.3 mm

**Cable included**

No, please purchase USB and Fax cables separately

**Code name**

Firebird 60

**Color scanning**

Yes

**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](http://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](http://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 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)

**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

**Connectivity, standard**

1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax; 1 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy

**Control panel**

8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); Pull-out Keyboard

**Copier scaling (ADF)**

25 to 200%

**Copier settings**

Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes)

**Copier smart software features**

Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build

**Copies, maximum**

Up to 9999

**Copy resolution (black graphics)**

Up to 600 x 600 dpi

**Copy resolution (black text)**

Up to 600 x 600 dpi

**Copy resolution (color text and graphics)**

Up to 600 x 600 dpi

**Copy speed (black, normal quality, A4)**

Up to 56 cpm

**Copy speed (color, normal quality, A4)**

Up to 56 cpm

**Copy speed black (normal, letter)**

Up to 60 cpm

**Copy speed black duplex (A4)**

Up to 56 cpm

**Copy speed black duplex (Letter)**

Up to 60 cpm

**Copy speed color (normal, letter)**

Up to 60 cpm

**Copy speed color duplex (A4)**

Up to 56 cpm

**Copy speed color duplex (Letter)**

Up to 60 cpm

**Copy speed footnote number**

[14]

**Copyright notice**

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**Count of cartons per pallet layer**

1

**Count of layers in pallet**

1

**Country of origin**

Made in Mexico (NA); Made in Netherlands (EMEA); Made in China (AP)

**Datasheet publication number**

4AA6-9420EEP

**Digital sending optional features**

Optional via HP Digital Sending Software (HP DSS); Send to folder; Send-to-workflow; Send-to-printer; Authentication; Digital fax (send to LAN, Internet); OCR; Local Address Book

**Digital sending standard features**

Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR

**Dimensions (W x D x H)**

657 x 657 x 1270 mm

**Display**

8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)

**Display area (metric)**

16.2 x 12.1 cm

**Distinctive ring detection supported**

No

**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 PC Send Fax; HP Mobile Printing <http://www8.hp.com/us/en/ads/mobility/overview.html>; 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/colorljM682MFP](http://www.hp.com/support/colorljM682MFP); 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 ADF scanning**

Yes

**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**

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.

**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, EN 301 489-1 V1.9.2, EN 301 489-17 V2.2.1, EN 301 489-3 V1.6.1, 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; CECP; EPEAT® Silver

**Energy savings feature technology**

HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy

**ENERGY STAR® certified**

Yes

**Enhanced scanning resolution**

Up to 600 dpi

**Envelope Feeder**

No

**Environmental**

Mercury-free

**Fax Auto Redial**

Yes

**Fax Broadcast Locations**

210

**Fax delayed sending**

No

**Fax forwarding**

Yes

**Fax memory**

Up to 500 pages

**Fax memory**

Up to 500 pages

**Fax PC Interface Supported**

Yes

**Fax phone TAM interface supported**

No

**Fax Polling**

Yes (poll to receive only)

**Fax Remote Retrieval**

No

**Fax resolution black**

203 x 196 dpi

**Fax Resolution Black (best)**

Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)

**Fax smart software features**

Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule

**Fax Speed Dials, Maximum Number**

Up to 1000 numbers (each with 210 destinations)

**Fax telephone mode supported**

No

**Fax Transmission Speed**

33.6 kbps

**Fax transmission speed (letter)**

3 sec per page

**Fax Transmission Speed Footnote  
Number**

[17]

**Faxing**

Yes

**Feature supporting point footnote  
number**

[10]

**Feature supporting point footnote  
number**

[11]

**Feature supporting point footnote  
number**

[12]

**Feature supporting point footnote  
number**

[13]

**Feature supporting point footnote  
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[17]

**Feature supporting point footnote number**

[18]

**Feature supporting point footnote number**

[19]

**Feature supporting point footnote number**

[20]

**Feature supporting point footnote number**

[21]

**File Format Supported**

Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)

**Finished output handling**

Input: Sheetfed; Output: Staple; Stack; Job Offset

**First copy out black (A4)**

As fast as 6.0 sec

**First copy out black (A4, sleep)**

As fast as 16.9 sec

**First copy out black (letter)**

As fast as 5.9 sec

**First copy out black (letter, sleep)**

As fast as 16.8 sec

**First copy out color (A4)**

As fast as 6.5 sec

**First copy out color (A4, sleep)**

As fast as 16.9 sec

**First copy out color (letter)**

As fast as 6.4 sec

**First copy out color (letter, sleep)**

As fast as 16.8 sec

**First page out black (A4, ready)**

As fast as 5.8 sec

**First page out black (A4, sleep)**

As fast as 12.6 sec

**First page out black (letter, ready)**

As fast as 5.7 sec

**First page out black (letter, sleep)**

As fast as 12.5 sec

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

As fast as 5.8 sec

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

As fast as 12.6 sec

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

As fast as 5.7 sec

**First page out color (letter, sleep)**

As fast as 12.5 sec

**First page out footnote number**

[12]

**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>

**Functions**

Print, copy, scan, fax

**HP ePrint capability**

Yes

**Image legal disclaimer**

Product image may differ from actual product

**Input capacity**

Up to 3200 sheets

**Internal Storage**

Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)

**Junk fax barrier**

Yes

**Left margin (A4)**

4.3 mm

**Legal disclaimer**

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**Legal disclaimer [03]**

Buyer's Laboratory, Inc. Outstanding Achievement in Security Solutions award, March 2013. For details, see [hp.com/large/ipg/gateway/security\\_center.html](http://hp.com/large/ipg/gateway/security_center.html).

**Legal disclaimer [04]**

Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin).

**Levels of grayscale**

256

**Mac compatible**

Yes

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

992 x 967 x 1529 mm

**Maximum Input Capacity (envelopes)**

MP Tray: Up to 10 envelopes (or 10mm stack height)

**Maximum input capacity (sheets)**

Up to 3200 sheets

**Maximum Memory**

3 GB

**Maximum output capacity (sheets)**

Up to 1,000 sheets

**Maximum print area**

207.4 x 347.1 mm

**Media size (ADF)**

Letter; legal; oficio; executive; statement; 16K; A4; RA4; A5; A6; B5; B6 (JIS); Postcard (JIS); DPostcard (JIS); 4 x 6 in; 5 x 7 in; 5 x 8 in; 68 x 147 mm to 215.9 x 863.6 mm; 2.68 x 5.79 in to 8.46 x 34 in

**Media size, tray 1**

A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, 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, 10 x 15 cm, 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, 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); Trays 2, 3: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard; Tray 4: A4

**Media sizes, custom**

Tray 1: 76 x 127 to 216 x 356 mm; Trays 2, 3: 101.6 x 148 to 216 x 356 mm; Tray 4: custom sizes not supported in this tray

**Media type and capacity, ADF**

Sheets: 150

**Media type and capacity, tray 1**

Paper: 100 sheets of 75 g/m<sup>2</sup> media; Envelopes: 10

**Media type and capacity, tray 2**

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)

**Media type and capacity, tray 3**

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); high-capacity input: Plain media (75g/m<sup>2</sup>) sheets: 2,000 (200 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 to 220 g/m<sup>2</sup> (plain), 120 to 220 g/m<sup>2</sup> (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-sheet 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: 60 to 163 g/m<sup>2</sup> (plain)

**Media weight, supported**

Tray 1: 60-220 g/m<sup>2</sup> (plain), 120 to 220 g/m<sup>2</sup> (glossy); Tray 2, 3: 60 to 163 g/m<sup>2</sup> (plain), 120 to 220 g/m<sup>2</sup> (glossy); Tray 4: 60-163 g/m<sup>2</sup> (plain)

**Media weights, supported ADF**

45 to 199 g/m<sup>2</sup>

**Memory**

1.5 GB (printer); 1 GB (scanner)

**Memory Slots**

1 slot, 144-pin, DDR3 DIMM

**Memory upgrade**

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

**Minimum System Requirements**

2 GB available hard disk space; OS hardware requirements see [microsoft.com](http://microsoft.com)

**Minimum System Requirements for**

**Macintosh**

1.3 GB available hard drive space; Internet; OS hardware requirements see [Apple.com](http://Apple.com) for more info

**Mobile printing capability**

HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Bluetooth Low Energy; Google Cloud Print 2.0



**Modem**

33.6 kbps

**Multitasking supported**

Yes

**Native scan file format**

PDF, JPG, TIF, MTIF

**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); 802.11 a/b/g/n wireless networking (standard).

**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

**Network ready**

Standard (built-in Gigabit Ethernet); Included Wi-Fi Direct and Bluetooth low energy

**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 humidity range**

30 to 70% 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](http://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

**Orderable supplies**

HP LaserJet 110 V Maintenance Kit P1B91A, HP LaserJet 220 V Maintenance Kit P1B92A, HP LaserJet Image Transfer Belt Kit, HP LaserJet Toner Collection Unit P1B94A, HP 300 ADF Roller Replacement Kit J8J95A

**Output capacity**

Up to 1,000 sheets

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

856 x 760 x 1684 mm

**Package weight**

96.4 kg

**Page yield footnote number**

[8]

**Pallet dimensions (W x D x H)**

856 x 760 x 1684 mm

**Pallet weight**

96.4 kg

**Paper handling input, standard**

100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 2,000-sheet high

capacity input tray 4, 150-sheet automatic document feeder

**Paper handling output, standard**

500-sheet output tray, 500-sheet output stapler stacker, two-sided printing

**Paper trays, maximum**

4

**Paper trays, standard**

4

**Ports**

1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket; 1 Fax; 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy

**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: 220 V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A

**Power consumption**

900 watts (printing/copying), 47 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Manual On), 0.1 (Manual Off)

**Power consumption footnote number**

[5]

**Power supply type**

Built in 115V or 220 V 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**

[10]

**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)**

[11]

**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 long name specifications**

HP Color LaserJet Enterprise Flow MFP M682z - Print: Up to 56 ppm black & Up to 56 ppm colour, Up to 1200 x 1200 dpi black & Up to 1200 x 1200 dpi colour; Up to 120,000 pages per month duty cycle; Scan: Up to 600 x 600 dpi Hardware; Up to 600 dpi Optical; Up to 600 dpi Enhanced; Copy: Up to 56 cpm black & Up to 56 cpm colour; Fax: 33.6 kbps, Up to 500 pages, Up to 1000 numbers (each with 210 destinations); 1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax; 1 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy

**Quantity per pallet**

1

**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 monthly scan volume**

26,750 to 44,500

**Recommended monthly scan volume**

**note**

HP recommends that the number of scanned pages per month be within the stated range for optimum device performance

**Recommended operating temperature**

**range**

17.5 to 25°C

**Replacement cartridges**

HP 655A Black Original LaserJet Toner Cartridge (~12,500 yield) CF450A; HP 657X High Yield Black Original LaserJet Toner Cartridge (~28,000 yield) CF470X; HP 655A Cyan Original LaserJet Toner Cartridge (~10,500 yield) CF451A; HP 657X High Yield Cyan Original LaserJet Toner Cartridge (~23,000 yield) CF471X; HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 yield) CF452A; HP 657X High Yield Yellow Original LaserJet Toner Cartridge (~23,000 yield) CF472X; HP 655A Magenta Original LaserJet Toner Cartridge (~10,500 yield) CF453A; HP 657X High Yield Magenta Original LaserJet Toner Cartridge (~23,000 yield) CF473X

**Replacement cartridges footnote****number**

[7]

**Resolution**

Up to 600 dpi

**Resolution (black and white, standard mode)**

203 x 98 dpi

**Resolution (black and white, superfine mode)**

203 x 392 dpi or 300 x 300

**Resolution (black photo grayscale)**

300 x 300 dpi (400 x 400 dpi for received faxes only)

**Right margin (A4)**

4.3 mm

**RMN number**

BOISB-1503-04

**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; EN 62311:2008 / IEC 62311:2007; 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

**Scan file format**

Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)

**Scan file format footnote number**

[19]

**Scan input modes**

Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (EXP) applications; HP Scan or user application via TWAIN

**Scan resolution, hardware**

Up to 600 x 600 dpi

**Scan resolution, optical**

Up to 600 dpi

**Scan size (ADF), maximum**

215.9 x 863.6 mm

**Scan size ADF (minimum)**

68 x 147 mm

**Scan size, maximum**

216 x 356 mm

**Scan size, minimum**

No Minimum Size

**Scan speed (normal, A4)**

Up to 83 ppm/167 ipm (b&w), up to 83 ppm/167 ipm (color)

**Scan speed (normal, letter)**

Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color)

**Scan speed duplex (normal, A4)**

Up to 167 ipm (b&w), up to 167 ipm (color)

**Scan speed duplex (normal, letter)**

Up to 180 ipm (b&w), up to 180 ipm (color)

**Scan speed footnote number**

[18]

**Scan technology**

Charge Coupled Device (CCD)

**Scanner advanced features**

Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone

**Scanner type**

Flatbed, ADF

**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 accessible in Arcsight and Splunk SIEMs

**Services**

HP 1 year Post Warranty 4 hour 9x5 Service w/DMR for Color LaserJet Enterprise MFP M68x

**Services**

HP 1 year Post Wty NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x

**Services**

HP 2 year Post Warranty 4 hour 9x5 Service w/DMR for Color LaserJet Enterprise MFP M68x

**Services**

HP 2 year Post Wty NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x

**Services**

HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x

**Services**

HP 3 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x

**Services**

HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x

**Services**

HP 4 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise

MFP M68x

**Services**

HP 5 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x

**Services**

HP 5 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x

**Services (Care Pack)**

U9NP3E - HP 3y Nbd+DMR CLJ Ent MFP M68x HW Supp; U9NP4E - HP 4y Nbd+DMR CLJ Ent MFP M68x HW Supp; U9NP5E - HP 5y Nbd+DMR CLJ Ent MFP M68x HW Supp; U9NP6E - HP 3y 4h 9x5+DMR CLJ Ent MFP M68x HWSupp; U9NP7E - HP 4y 4h 9x5+DMR CLJ Ent MFP M68x HWSupp; U9NP8E - HP 5y 4h 9x5+DMR CLJ Ent MFP M68x HWSupp; U9NP9E - HP 3y 4h13x5+DMR CLJ Ent MFP M68x HWSupp; U9NQ0E - HP 4y 4h13x5+DMR CLJ Ent MFP M68x HWSupp; U9NQ1E - HP 5y 4h13x5+DMR CLJ Ent MFP M68x HWSupp; U9NQ2E - HP 3y NBD CTR+DMR CLJ EntMFP M68x HWSupp; U9NQ3E - HP 4y NBD CTR+DMR CLJ EntMFP M68x HWSupp; U9NQ4E - HP 5y NBD CTR+DMR CLJ EntMFP M68x HWSupp; U9NQ5E - HP 3yNbd ChnlParts CLJ EntMFP M68x SVC; U9NQ6E - HP 4yNbd ChnlParts CLJ EntMFP M68x SVC; U9NQ7E - HP 5yNbd ChnlParts CLJ EntMFP M68x SVC; U9NW8E - HP3yNbd+max3MaintKit CLJEntMFP M68xHWSupp; U9NW9E - HP4yNbd+max4MaintKit CLJEntMFP M68xHWSupp; U9NX0E - HP5yNbd+max5MaintKit CLJEntMFP M68xHWSupp; U9NX1PE - HP 1y PW Nbd+DMR CLJ Ent MFP M68x HWSupp; U9NX2PE - HP1yPW ChnlParts CLJ Ent MFP M68x SVC; U9NY0PE - HP2yPW ChnlParts CLJ Ent MFP M68x SVC

**Services description headline 01**

U9NP3E

**Services description headline 02**

U9NP4E

**Services description headline 03**

U9NP5E

**Services description headline 04**

U9NP6E

**Services description headline 05**

U9NP7E

**Services description headline 06**

U9NP8E

**Services description headline 07**

U9NX1PE

**Services description headline 08**

U9NX2PE

**Services description headline 09**

U9NX3PE

**Services description headline 10**

U9NX4PE

**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](http://123.HP.com) or OS App Source for printer software), Online user manuals

**Standard media sizes (duplex)**

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

**Standard output capacity (envelopes)**

Up to 85 envelopes

**Standard output capacity (transparencies)**

Up to 200 sheets

**Storage temperature range**

-20 to 40°C

**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 <http://www.hp.com/go/SureSupply>; only available with Original HP supplies; Internet access required.

**SureSupply supported**

Yes

**Target user and print volume**

For teams over 25 users; Prints up to 17,000 pages/month

**Tariff numbers**

8443310000 (AM-Base-HTS); 8443318000 (EU-Base-HTS); 84433120 (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 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**

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

**Tech spec footnote**

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

**Tech spec footnote**

[13] 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**

[14] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity.

**Tech spec footnote**

[15] First Copy Out from Ready measured using ISO/IEC 29183, 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**

[16] Measured after 15 min in sleep from Device Wake to Page In Bin. Exact speed varies depending on the system configuration, software application, document complexity and time in sleep.

**Tech spec footnote**

[17] Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17

**Tech spec footnote**

[18] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

**Tech spec footnote**

[19] Scan software not included in box. HP Scan and TWAIN driver available for download at <http://hp.com/support>

**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] With print cartridges

**Tech spec footnote**

[4] With print cartridges

**Tech spec 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. Power consumption values typically based on measurement of 115V device.

**Tech spec footnote**

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

**Tech spec footnote**

[7] 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**

[8] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit <http://www.hp.com/go/learnaboutsupplies>

**Tech spec footnote**

[9] High-Performance Secure Hard Disk (AES 256 hardware encryption or greater); Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk); U.S. Government: Standard, FIPS 140-2 validated hard disk, minimum 500 GB

**Telecom compliance (fax capability)**

ES 203 021-1 v2.1. 1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2; EN 300 328 V1.9.16; EN 300 330-2 V1.6.1; EN 301 893 V1.8.1; R&TTE 1999/5/EC; FCC Rules and Regulations 47 CFR Part 68; Other Telecom approvals as required by individual countries

**Telephone handset supported**

No

**Top margin (A4)**

4.3 mm

**Twain version**

Version 2.1

**Typical electricity consumption (TEC)**

**number**

ES: 2.72 kWh/Week; BA: 2.68 kWh/Week

**UNSPSC code**

43212110

**UPC number**

(AB0) 889894746207; (AB2) 889894746214; (ABJ) 889894746221; (ABT) 889894746269; (ABY) 889894746276; (AC4) 889894746344; (AC8) 889894746351; (ACJ) 889894746238; (ACQ) 889894746283; (AKV) 190780966563; (B13) 889894746290; (B19) 889894746320; (BAZ) 889894746337; (BBU) 889894746245; (BGJ) 889894746382; (BGM) 889894746252

**Warm-up time**

195 Sec

**Warranty**

1 Year Limited Warranty (Next Business Day On-Site)

**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: [www.hp.com/go/securitymanager](http://www.hp.com/go/securitymanager); HP  
JetAdvantage On Demand Cloud Solutions:  
[www.hp.com/go/JetAdvantageondemand](http://www.hp.com/go/JetAdvantageondemand)

**Weight**

76.3 kg

**Weight (metric) footnote number**

[3]

**What is in the box footnote number**

[2]

**What's in the box**

HP Color LaserJet Multifunction 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**

Yes, Built-in Wi-Fi Direct, Bluetooth low energy (BLE); Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A

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