



# HP Sales Central

## HP Color LaserJet Managed MFP E877dn (5QK03A)

Active as of 2022-06-01



### Overview

Change is the only constant in business. Transform your business with a printer that can be upgraded over time to expand capabilities. With HP's most secure printers<sup>1</sup> you'll stay secure and simplify fleet management for busy IT pros.

### List Price

\$35,425.27

#### Always on guard with HP Wolf Security<sup>5</sup>

With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.

The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay connected and in the clear.

Run-time intrusion detection is always on guard. Common Criteria certified<sup>6</sup> to continually monitor memory activity to keep you safe, detecting and stopping attacks in real time.

#### Better printing, for a better planet

The fiber-based packaging, including outer box and interior fiber-based cushions, for this product is 100% sustainably sourced, meaning it's made from recycled or certified content.<sup>7</sup>

Our devices are made with the planet in mind with energy-efficient printing and toner cartridges made from more than 57% recycled plastic.<sup>8</sup> Printing that puts the planet first.

Our improved energy efficient designs meet the rigorous criteria of EPEAT Gold, Energy Star, and Blue Angel.<sup>9</sup>

#### Customizable solutions built to last

Make your day-to-day easier by customizing your print experience with cloud-connected HP Workpath apps that let you access personalized content, integrate paper and digital workflows.<sup>4</sup>

Unleash your creativity and match any office décor with modern designs and the option of five customizable color panels.

Give your team what they need to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions as well as card reader support.

#### Unleash peak productivity

Tackle anything with our powerful CPU. Maximize your productivity and increase your overall print performance by copying, scanning and printing documents of all sizes at virtually full speed.

Get time back with industry leading print speeds up to 70ppm.<sup>2</sup>

Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons on the 10.1-inch color touchscreen display.

## Specifications

### Functions

Print, copy, scan, fax (optional)

### Print speed black (ISO, letter)

Up to 40 ppm; Up to 50 ppm (with 8EP60AAE); Up to 60 ppm (with 8EP61AAE); Up to 70 ppm (with 8EP62AAE)<sup>1</sup>

(1) 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.)

**Print speed color (ISO)**

Up to 40 ppm; Up to 50 ppm (with 8EP60AAE); Up to 60 ppm (with 8EP61AAE); Up to 70 ppm (with 8EP62AAE)<sup>1</sup>

*([3] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.)*

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**Print speed duplex (letter)**

Up to 40 ipm; Up to 50 ipm (with 8EP60AAE); Up to 60 ipm (with 8EP61AAE); Up to 70 ipm (with 8EP62AAE)

**Print speed duplex (letter)**

Up to 40 ipm; Up to 50 ipm (with 8EP60AAE); Up to 60 ipm (with 8EP61AAE); Up to 70 ipm (with 8EP62AAE)

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

As fast as 8.2 sec; As fast as 7.6 sec (with 8EP60AAE); As fast as 7.2 sec (with 8EP61AAE); As fast as 7.2 sec (with 8EP62AAE)

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

As fast as 9.7 sec; As fast as 8.8 sec (with 8EP60AAE); As fast as 8.2 sec (with 8EP61AAE); As fast as 8.0 sec (with 8EP62AAE)

**Duty cycle (monthly, letter)**

Up to 180,000 pages; Up to 200,000 pages (with 8EP60AAE); Up to 250,000 pages (with 8EP61AAE); Up to 300,000 pages (with 8EP62AAE)

**Recommended monthly page volume**

Up to 60,000

**Number of users**

10-30 Users

**Print technology**

Laser

**Print quality black (best)**

Up to 1200 x 1200 dpi full speed

**Print quality color (best)**

Up to 1200 x 1200 dpi full speed

**Processor speed**

Quad Core (1.6GHz), Dual Core (1.4GHz)

**Print languages**

HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible

**Display**

10.1-in (25.65 cm) touchscreen, WXGA Color Graphic Display (CGD)

**Print colors**

Yes

**Number of print cartridges**

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

**Automatic paper sensor**

No

**Mac compatible**

Yes

**Printer Management**

HP Web JetAdmin Software, HP Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Smart Printer Administrator Resource Kit for HP Smart Universal Print Driver (Driver Configuration, Utility - Driver, Deployment Utility - Managed Printing Administrator)

**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 authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP; EAP-TLS), SNMPv3, HTTPS, Certificates; Data: Storage Encryption, Encrypted PDF & Email, SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), HP Memory Shield™, Embedded Trusted Platform Module, HP Connection

Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs

**Fonts and typefaces**

84 scalable TrueType fonts

**Mobile printing capability**

Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print

**Wireless capability**

Optional, enabled with purchase of a hardware accessory

**Connectivity, standard**

1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (host); 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host)

**Connectivity, optional**

HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A

**Minimum System Requirements**

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see [microsoft.com](https://www.microsoft.com)

**Minimum System Requirements for Macintosh**

2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see [apple.com](https://www.apple.com)

**Compatible Operating Systems**

Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Chrome OS

**Compatible Network Operating Systems**

Windows Server; Linux; Citrix; Novell

**Memory**

6GB

**Maximum Memory**

6GB

**Internal Storage**

Standard, HP LaserJet 500GB Hard Disk Drive; AES 256 hardware encryption; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)

**Paper handling input, standard**

100-sheet multi-purpose tray, 2 x 520-sheet input tray

**Paper handling input, optional**

Optional 1,040 sheet tray, optional 2,000 sheet tray, optional 3,000 sheet tray

**Input capacity**

Up to 1140 sheets (Tray1: up to 100 sheets; Tray2: up to 520 sheets; Tray3: up to 520 sheets)

**Maximum input capacity (sheets)**

Up to 6,140 sheets

**Paper handling output, standard**

500 sheet face-down output bin

**Paper handling output, optional**

Job Separator, Inner Finisher, Stapler-stacker, Booklet maker, 2/3 hole punch, 2/4 hole punch, Swedish hole punch

**Output capacity**

Up to 500 sheets

**Maximum output capacity (sheets)**

Up to 3250 sheets(with stapler-stacker)

**Finished output handling**

Stacking; stapling; booklet making; hole punching (with optional output device)

**Duplex printing**

Automatic

**Paper trays, standard**

**Paper trays, maximum**

6

**Envelope Feeder**

No

**Maximum Input Capacity (envelopes)**

Up to 50 envelopes

**Media sizes supported**

Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8, 10 x 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 10 x 15, envelope #9, Envelope #10, Envelope Monarch; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k

**Media sizes, custom**

Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 9.5 x 11.69 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in

**Media types**

Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Heavy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Card-stock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Pre-punched, Colored

**Media weight, supported**

Tray 1, 2, 3: 60 to 325 g/m<sup>2</sup>

**Scanner type**

Flatbed, ADF

**Scan file format**

PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A

**Scan resolution, optical**

Up to 600 x 600 dpi

**Bit depth**

24-bit

**Scan size, maximum**

11.69 x 17 in

**Scan size (ADF), maximum**

11.7 x 34 in

**Automatic document feeder capacity**

Standard, 200 sheets

**Digital sending standard features**

Scan to Email; scan to network folder; scan to USB drive; scan to SharePoint; scan to FTP; scan to sFTP; scan to LAN fax; scan to Internet Fax; local address book; SMTP over SSL; automatically detect color/monochrome; high compression PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); content orientation; scan mode (book, 2-sided ID); erase edges; auto page crop; job build; image preview; blank page suppression; automatically straighten

**File Format Supported**

Hi-Compression PDF; MTIFF; TIFF; PDF; PDF/A; XPS; JPEG

**Scan speed (normal, letter)**

Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color)<sup>3</sup> 1

**Scan input modes**

Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXF), HP Workpath applications

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

Up to 40 cpm; Up to 50 cpm (with 8EP60AAE); Up to 60 cpm (with 8EP61AAE); Up to 70 cpm (with 8EP62AAE)

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

Up to 40 cpm; Up to 50 cpm (with 8EP60AAE); Up to 60 cpm (with 8EP61AAE); Up to 70 cpm (with 8EP62AAE)

**Copy resolution (black text)**

Up to 600 x 600 dpi

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

Up to 600 x 600 dpi

**Copy reduce / enlarge settings**

25 to 400%

**Copies, maximum**

Up to 9999 copies

**Copier settings**

Two-sided copying; automatically detect color/monochrome; reduce/enlarge; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collate; booklet; scan mode (book, 2-sided ID); watermark; stamps; image overlay; erase edges; job build; image preview; image shift; paper selection; blank page suppression; automatically straighten; scan to job storage

**Faxing**

Optional

**Fax transmission speed (letter)**

3 sec per page

**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: 110 to 127 VAC (+/-10%), 50/60 Hz (+/-3 Hz), 12.0 A 220 to 240 VAC (+/-10%), 50/60 Hz (+/-3 Hz), 7.0 A 100 VAC (+/-10%), 50/60 Hz (+/-3 Hz), (Not dual voltage, power supply varies by part number with # Option code identifier)

**Power supply type**

Internal (Built-in) power supply

**Power consumption**

820 watts (40ppm, printing), 890 watts (50ppm, printing), 1020 watts (60ppm, printing), 1100 watts (70ppm, printing), 41.5 watts (ready), 0.8 watts (sleep), 0.2 watts (auto-off), 0.2 watts (manual-off)

**Typical electricity consumption (TEC) number**

0.569 kWh/Week (40ppm, Blue Angel), 0.702 kWh/Week (50ppm, Blue Angel); 0.867 kWh/Week (60ppm, Blue Angel); 1.041 kWh/Week (70ppm, Blue Angel); 0.578 kWh/Week (40ppm, Energy Star 3.0), 0.702

kWh/Week (50ppm, Energy Star 3.0), 0.869 kWh/Week (60ppm, Energy Star 3.0), 1.042 kWh/Week (70ppm, Energy Star 3.0)

**Ecolabels**

EPEAT® registered; IT ECO Declaration; Blue Angel

**Energy star certified**

Yes

**Operating temperature range**

15 to 30°C

**Recommended operating humidity range**

20 to 80% RH

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

585 x 694.7 x 907.7 mm (23 x 27.4 x 35.7 in)<sup>2</sup>

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

1656.7 x 1269 x 1488.5 mm (65.2 x 50 x 58.6 in)<sup>2</sup>

**Weight**

99.8 kg (220.1 lb)<sup>2</sup>

**UPC number**

(201) 196188056776; (202) 196188056783; (BGJ) 193905950331

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

830 x 890 x 1118 mm (32.7 x 35.0 x 44.0 in)<sup>2</sup>

**Package weight**

120.02 kg

**Package weight**

264.59 lb

**Quantity per pallet**

1

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

830 x 890 x 1118 mm (32.7 x 35.0 x 44.0 in)<sup>2</sup>

**Pallet weight**

120.02 kg (264.59 lb)<sup>2</sup>

**Country of origin**

Made in Mexico

**What's in the box**

In box materials

Guide install, Flyer Regulatory, Power Cords, Label, Drums.

**Cable included**

No, please purchase USB cable separately (EMEA, APJ, AMS) (Service Technician must install units)

**Replacement cartridges**

HP Black Managed LJ Toner Cartridge (ISO Yield 50,000) W9170MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 45,000) W9171MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 45,000) W9172MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 45,000) W9173MC

*(<sup>[1]</sup> Approximate average yield based on ISO/IEC 19798. Actual yield varies considerably based on content of printed pages and other factors. For details, see <http://www.hp.com/go/learnaboutsupplies>.)*

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**Software included**

No software solutions are included in the box

only on <http://www.hp.com> or <http://123.hp.com>

**Manufacturer Warranty**

90 day parts only warranty. Warranty and support options vary by product, country and local legal requirements. Contact your contractual vendor or go to [hp.com/support](http://hp.com/support) to learn about HP award winning service and support options in your region.

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## Overview

- 1 HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2021 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: [hp.com/go/PrintersThatProtect](http://hp.com/go/PrintersThatProtect). For more information, visit: <http://www.hp.com/go/PrinterSecurityClaims>.
- 2 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.
- 4 Based on HP review of competitive manufacturer's published app platform specifications as of April 2019. Only HP Workpath offers a combination of app validation upon submission plus automated re-validation of apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Subscription may be required.
- 5 HP Security is now HP Wolf Security. Security features vary by platform. For more information, visit <http://www.hp.com/wolfsecurity>.
- 6 Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: <https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf>
- 7 100% outer fiber-based packaging and internal fiber-based cushions made from sustainably sourced certified and recycled fibers.
- 8 100% of Original HP Toner Cartridges contain between 1-77% post-consumer or post-industrial recycled content. Does not include toner bottles or other products not listed. See <http://www.hp.com/go/TonerRecycledContent> for list. Hardware based: Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2, and is expressed as percent of total weight of plastic.
- 9 HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines.

## Specifications

- 1 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.
- 3 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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## HP Color LaserJet Managed MFP E877z (5QK08A)

Active as of 2022-06-01



### Overview

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### List Price

\$40,320.00

#### Always on guard with HP Wolf Security<sup>4</sup>

With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.

The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay connected and in the clear.

Run-time intrusion detection is always on guard. Common Criteria certified<sup>5</sup> to continually monitor memory activity to keep you safe, detecting and stopping attacks in real time.

#### Better printing, for a better planet

The fiber-based packaging, including outer box and interior fiber-based cushions, for this product is 100% sustainably sourced, meaning it's made from recycled or certified content.<sup>6</sup>

Our devices are made with the planet in mind with energy-efficient printing and toner cartridges made from more than 57% recycled plastic.<sup>7</sup> Printing that puts the planet first.

Our improved energy efficient designs meet the rigorous criteria of EPEAT Gold, Energy Star, and Blue Angel.<sup>8</sup>

#### Customizable solutions built to last

Make your day-to-day easier by customizing your print experience with cloud-connected HP Workpath apps that let you access personalized content, integrate paper and digital workflows.<sup>3</sup>

Unleash your creativity and match any office décor with modern designs and the option of five customizable color panels.

Give your team what they need to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions as well as card reader support.

#### Unleash peak productivity

Experience speed and performance like no other with our fastest ever 300 ipm<sup>2</sup> duplex scan technology.

Work faster and without interruptions with reverse and retry technology that automatically detects and resolves double feed issues.

Easily scan and capture text from documents with high accuracy with OCR software, increase productivity with the optional accelerator card.

## Specifications

### Functions

Print, copy, scan, fax (optional)

### Print speed black (ISO, letter)

Up to 40 ppm; Up to 50 ppm (with 8EP60AAE); Up to 60 ppm (with 8EP61AAE); Up to 70 ppm (with 8EP62AAE)<sup>3 1</sup>

(3) Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.)



**Print speed color (ISO)**

Up to 40 ppm; Up to 50 ppm (with 8EP60AAE); Up to 60 ppm (with 8EP61AAE); Up to 70 ppm (with 8EP62AAE)<sup>3</sup> 1

*([3] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.)*

3

**Print speed duplex (letter)**

Up to 40 ipm; Up to 50 ipm (with 8EP60AAE); Up to 60 ipm (with 8EP61AAE); Up to 70 ipm (with 8EP62AAE)

**Print speed duplex (letter)**

Up to 40 ipm; Up to 50 ipm (with 8EP60AAE); Up to 60 ipm (with 8EP61AAE); Up to 70 ipm (with 8EP62AAE)

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

As fast as 8.2 sec; As fast as 7.6 sec (with 8EP60AAE); As fast as 7.2 sec (with 8EP61AAE); As fast as 7.2 sec (with 8EP62AAE)

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

As fast as 9.7 sec; As fast as 8.8 sec (with 8EP60AAE); As fast as 8.2 sec (with 8EP61AAE); As fast as 8.0 sec (with 8EP62AAE)

**Duty cycle (monthly, letter)**

Up to 180,000 pages; Up to 200,000 pages (with 8EP60AAE); Up to 250,000 pages (with 8EP61AAE); Up to 300,000 pages (with 8EP62AAE)

**Recommended monthly page volume**

Up to 60,000

**Number of users**

10-30 Users

**Print technology**

Laser

**Print quality black (best)**

Up to 1200 x 1200 dpi full speed

**Print quality color (best)**

Up to 1200 x 1200 dpi full speed

**Processor speed**

Quad Core (1.6GHz), Dual Core (1.4GHz)

**Print languages**

HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible

**Display**

10.1-in (25.65 cm) touchscreen, WXGA Color Graphic Display (CGD)

**Print colors**

Yes

**Number of print cartridges**

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

**Automatic paper sensor**

No

**Mac compatible**

Yes

**Printer Management**

HP Web JetAdmin Software, HP Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Smart Printer Administrator Resource Kit for HP Smart Universal Print Driver (Driver Configuration, Utility - Driver, Deployment Utility - Managed Printing Administrator)

**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 authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP; EAP-TLS), SNMPv3, HTTPS, Certificates; Data: Storage Encryption, Encrypted PDF & Email, SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), HP Memory Shield™, Embedded Trusted Platform Module, HP Connection

Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs

**Fonts and typefaces**

84 scalable TrueType fonts

**Mobile printing capability**

Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print

**Wireless capability**

Optional, enabled with purchase of a hardware accessory

**Connectivity, standard**

1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (host); 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host)

**Connectivity, optional**

HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A

**Minimum System Requirements**

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see [microsoft.com](https://www.microsoft.com)

**Minimum System Requirements for Macintosh**

2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see [apple.com](https://www.apple.com)

**Compatible Operating Systems**

Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Chrome OS

**Compatible Network Operating Systems**

Windows 8; Windows Server; Linux; Citrix; UNIX

**Memory**

6GB

**Maximum Memory**

6GB

**Internal Storage**

Standard, HP LaserJet 500GB Hard Disk Drive; AES 256 hardware encryption; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)

**Paper handling input, standard**

100-sheet multi-purpose tray, 2 x 520-sheet input tray

**Paper handling input, optional**

Optional 1,040 sheet tray, optional 2,000 sheet tray, optional 3,000 sheet tray

**Input capacity**

Up to 1140 sheets (Tray1: up to 100 sheets; Tray2: up to 520 sheets; Tray3: up to 520 sheets)

**Maximum input capacity (sheets)**

Up to 6,140 sheets

**Paper handling output, standard**

500 sheet face-down output bin

**Paper handling output, optional**

Job Separator, Inner Finisher, Stapler-stacker, Booklet maker, 2/3 hole punch, 2/4 hole punch, Swedish hole punch

**Output capacity**

Up to 500 sheets

**Maximum output capacity (sheets)**

Up to 3250 sheets(with stapler-stacker)

**Finished output handling**

Stacking; stapling; booklet making; hole punching (with optional output device)

**Duplex printing**

Automatic

**Paper trays, standard**

**Paper trays, maximum**

6

**Envelope Feeder**

No

**Maximum Input Capacity (envelopes)**

Up to 50 envelopes

**Media sizes supported**

Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8, 10 x 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 10 x 15, envelope #9, Envelope #10, Envelope Monarch; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k

**Media sizes, custom**

Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 9.5 x 11.69 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in

**Media types**

Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Heavy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Card-stock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Pre-punched, Colored

**Media weight, supported**

Tray 1, 2, 3: 60 to 325 g/m<sup>2</sup>

**Scanner type**

Flatbed, ADF

**Scan file format**

PDF, Hi-Compression PDF, PDF/A, Hi-Compression PDF/A, JPEG, TIFF, MTIFF, XPS, PDF (OCR), Hi-Compression PDF (OCR), PDF/A (OCR), Hi-Compression PDF/A (OCR), TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), HTML (OCR), CSV (OCR)

**Scan resolution, optical**

Up to 600 x 600 dpi

**Bit depth**

24-bit

**Scan size, maximum**

11.69 x 17 in

**Scan size (ADF), maximum**

12 x 34 in

**Automatic document feeder capacity**

Standard, 300 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 sFTP; send to LAN fax; send to Internet Fax; local address book; SMTP over SSL; auto color sense; compact PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (auto, text, mixed, printed picture, photograph); content orientation; ID scan; job build; watermark; stamps; book mode scans; erase edges; image preview; blank page suppression; scan to multi destination; embedded OCR; auto-tone, auto orientation, auto-page-crop; multi-feed detection; reverse and retry; document editing; auto paper color removal; job separation; automatically straighten

**File Format Supported**

Hi-Compression PDF; JPG; MTIFF; TIFF; PDF; PDF/A; XPS; JPEG; CSV (OCR); HTML (OCR); RTF (OCR); Searchable PDF (OCR); Searchable PDF/A (OCR); TEXT (OCR); Unicode TEXT (OCR)

**Scan speed (normal, letter)**

Up to 150 ppm/300 ipm (b&w), up to 150 ppm/300 ipm (color)<sup>5</sup>1

**Scan input modes**

Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXP), HP Workpath applications

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

Up to 40 cpm; Up to 50 cpm (with 8EP60AAE); Up to 60 cpm (with 8EP61AAE); Up to 70 cpm (with 8EP62AAE)

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

Up to 40 cpm; Up to 50 cpm (with 8EP60AAE); Up to 60 cpm (with 8EP61AAE); Up to 70 cpm (with 8EP62AAE)

**Copy resolution (black text)**

Up to 600 x 600 dpi

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

Up to 600 x 600 dpi

**Copy reduce / enlarge settings**

25 to 400%

**Copies, maximum**

Up to 9999 copies

**Copier settings**

Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (Auto, text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID scan; job build; job storage; watermark; stamps; book mode scans; erase edges; automatically detect color/monochrome; image preview; Image Shift; Paper Selection; collate; Blank Page Suppression; Auto Orientation; Auto Tone; Crop to page; Multi-feed Detection; Reverse and Retry; Document Editing; Auto Paper Color Removal; Job Separation; Automatically Straighten;

**Faxing**

Optional

**Fax transmission speed (letter)**

3 sec per page

**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: 110 to 127 VAC (+/-10%), 50/60 Hz (+/-3 Hz), 12.0 A 220 to 240 VAC (+/-10%), 50/60 Hz (+/-3 Hz), 7.0 A 100 VAC (+/-10%), 50/60 Hz (+/-3 Hz), (Not dual voltage, power supply varies by part number with # Option code identifier)

**Power supply type**

Internal (Built-in) power supply

**Power consumption**

820 watts (40ppm, printing), 890 watts (50ppm, printing), 1020 watts (60ppm, printing), 1100 watts (70ppm, printing), 41.5 watts (ready), 0.8 watts (sleep), 0.2 watts (auto-off), 0.2 watts (manual-off)

**Typical electricity consumption (TEC) number**

0.569 kWh/Week (40ppm, Blue Angel), 0.702 kWh/Week (50ppm, Blue Angel); 0.867 kWh/Week (60ppm, Blue Angel); 1.041 kWh/Week (70ppm, Blue Angel); 0.578 kWh/Week (40ppm, Energy Star 3.0), 0.702 kWh/Week (50ppm, Energy Star 3.0), 0.869 kWh/Week (60ppm, Energy Star 3.0), 1.042 kWh/Week (70ppm, Energy Star 3.0)

**Ecolabels**

EPEAT® registered; IT ECO Declaration; Blue Angel

**Energy star certified**

Yes

**Operating temperature range**

15 to 30°C

**Recommended operating humidity range**

20 to 80% RH

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

638.8 x 745.9 x 933.9 mm (25.2 x 29.4 x 36.8 in)<sup>2</sup>

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

1656.7 x 1301 x 1503.9 mm (65.2 x 51.2 x 59.2 in)<sup>2</sup>

**Weight**

104.6 kg (230.6 lb)<sup>2</sup>

**UPC number**

193905950348

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

830 x 890 x 1149 mm (32.7 x 35.0 x 45.2 in)<sup>2</sup>

**Package weight**

124.87 kg

**Package weight**

275.29 lb

**Quantity per pallet**

1

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

830 x 890 x 1149 mm (32.7 x 35.0 x 45.2 in)<sup>2</sup>

**Pallet weight**

124.87 kg (275.29 lb)<sup>2</sup>

**Country of origin**

Made in Mexico

**What's in the box**

In box materials

Guide install, Flyer Regulatory, Power Cords, Keyboard/Overlay for Z model, Label, Drums.

**Cable included**

No, please purchase USB cable separately (Service Technician must install units)

**Replacement cartridges**

HP Black Managed LJ Toner Cartridge (ISO Yield 50,000) W9170MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 45,000) W9171MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 45,000) W9172MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 45,000) W9173MC

*([1] Approximate average yield based on ISO/IEC 19798. Actual yield varies considerably based on content of printed pages and other factors. For details, see <http://www.hp.com/go/learnaboutesupplies>.)*

3

**Software included**

No software solutions are included in the box  
only on <http://hp.com> <http://123.hp.com>

**Manufacturer Warranty**

90 day parts only warranty. Warranty and support options vary by product, country and local legal

requirements. Contact your contractual vendor or go to [hp.com/support](https://hp.com/support) to learn about HP award winning service and support options in your region.

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### Overview

- 1 HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2021 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: [hp.com/go/PrintersThatProtect](https://hp.com/go/PrintersThatProtect). For more information, visit: <http://www.hp.com/go/PrinterSecurityClaims>.
- 2 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. Measured using standards found at: [http://standards.iso.org/ittf/PubliclyAvailableStandards/SC28\\_Test\\_Pages/](http://standards.iso.org/ittf/PubliclyAvailableStandards/SC28_Test_Pages/)
- 3 Based on HP review of competitive manufacturer's published app platform specifications as of April 2019. Only HP Workpath offers a combination of app validation upon submission plus automated re-validation of apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Subscription may be required.
- 4 HP Security is now HP Wolf Security. Security features vary by platform. For more information, visit <http://www.hp.com/wolfsecurity>.
- 5 Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: <https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf>.
- 6 100% outer fiber-based packaging and internal fiber-based cushions made from sustainably sourced certified and recycled fibers.
- 7 100% of Original HP Toner Cartridges contain between 1-77% post-consumer or post-industrial recycled content. Does not include toner bottles or other products not listed. See <http://www.hp.com/go/TonerRecycledContent> for list. Hardware based: Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2, and is expressed as percent of total weight of plastic.
- 8 HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines.

### Specifications

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

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