

Top performance, solid value



HP LaserJet Enterprise flow MFP M830z



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Expand your productivity, not your budget



HP JetAdvantage

Business Workflow and Printing Solutions

Streamline crucial paper-based and electronic business processes, using powerful HP JetAdvantage solutions that set you apart from the competition.¹ These innovative tools have been designed and tested for optimal integration into your fleet. Reduce IT workload and costs, enhance employee productivity, and enable users to print securely—wherever business demands.

Streamline workflows and document management without breaking the budget. Handle demanding tasks in fewer steps, using advanced workflow capabilities on HP's top-of-the-line A3 black-and-white MFP with HP JetAdvantage business workflow and printing solutions.¹ Get great results with less effort, at a touch—scan to multiple destinations, including send to SharePoint. Mobile printing is simple with optional wireless direct printing and touch-to-print technology.^{2,3}

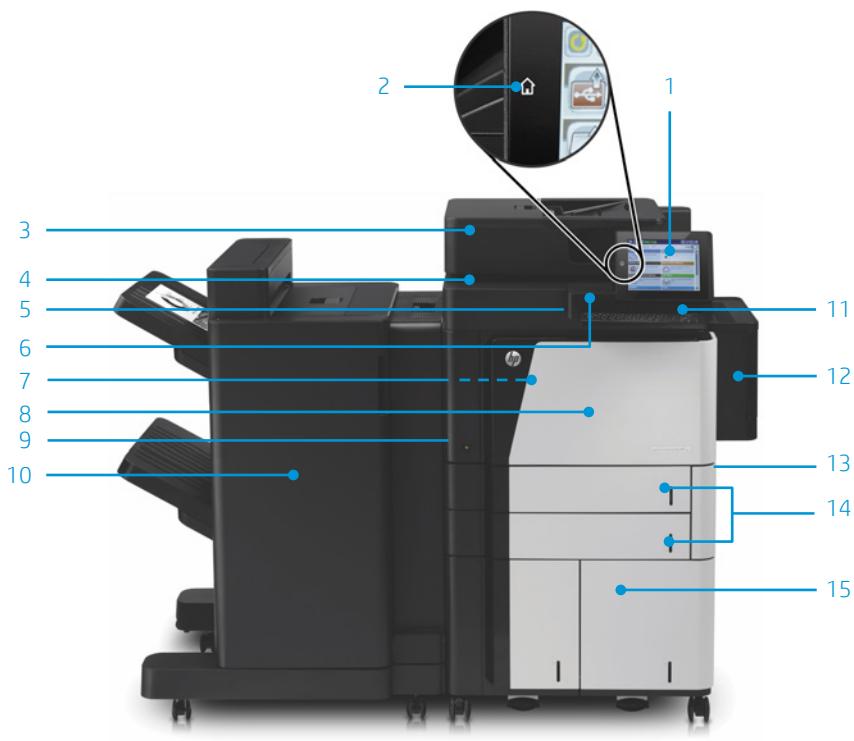
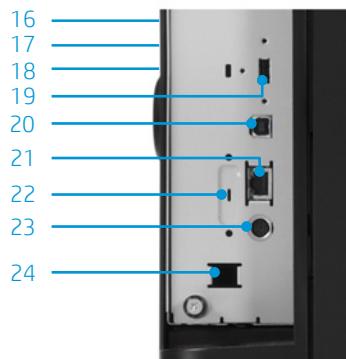
Who can benefit?

This multifunction printer is ideal for accelerating business workflows and connecting users throughout your office. This high-end MFP will be right at home with businesses that need to produce crisp documents up to size A3 with professional finishing touches and less intervention. Boost productivity with flexible send options, versatile paper-handling, quick two-sided scanning, and mobile printing options.



Product walk around

- 1 Intuitive 20.3 cm (8-inch) pivoting colour touchscreen control panel with FutureSmart Firmware and scan preview
- 2 Home button (returns to home screen)
- 3 200-sheet automatic document feeder with single-pass two sided scanning, and HP EveryPage with ultrasonic double-feed detection
- 4 Plate glass scanner handles sizes up to A3
- 5 Easy-access USB port to save and print files directly
- 6 Hardware Integration Pocket for solution integration⁴
- 7 Built-in automatic two-sided printing
- 8 Front door provides convenient access to HP all-in-one toner cartridge
- 9 Left door provides access to fuser and duplexer
- 10 Stapler/stacker output accessory⁵
- 11 Retractable keyboard for easy, accurate data entry
- 12 100-sheet multipurpose tray 1 handles heavy custom media up to 220 g/m²
- 13 Right-side doors provide access for clearing jams
- 14 Two 500-sheet input trays support media up to A3
- 15 3,500-sheet high-capacity input tray supports A4 media
- 16 HP High-Performance Secure Hard Disk
- 17 800 MHz processor, 1.5 GB RAM⁶
- 18 Two internal host USB 2.0 type ports for third-party solutions
- 19 Hi-Speed USB 2.0 port (for connecting third-party devices)
- 20 Hi-Speed USB 2.0 printing port
- 21 HP Jetdirect Gigabit Ethernet print server
- 22 Access port for optional Kensington-style lock
- 23 Foreign interface harness (for connecting external devices)
- 24 RJ-11 fax port

HP LaserJet Enterprise flow MFP M830z shown with stapler/stacker**Front view****Side I/O panel close-up**

Product comparison

The following table compares the new HP LaserJet Enterprise flow MFP M830z with the HP LaserJet M9050 MFP.



HP LaserJet Enterprise flow MFP M830z	HP LaserJet M9050 MFP	Benefits
Up to 56 ppm print speed (A4) ⁷	Up to 50 ppm print speed	Faster output
Hardware Integration Pocket ⁴	Not available	Easier integration of solutions such as optional badge/card readers
Easy-access USB port	Not available	Quick and easy printing from and scanning to flash drives
800 MHz processor	533 MHz processor	Faster processing of jobs
1.5 GB RAM ⁶ and pre-installed 320 GB HP High Performance Secure Hard Disk	384 MB RAM standard (512 MB RAM maximum) and optional 20 GB high-performance EIO hard disk	Better performance and improved print job retention and security
4,600-sheet standard input capacity	1,100-sheet standard input capacity	Higher input capacity minimises interruptions
Ships with standard-yield cartridge (40,000 pages black)	Ships with standard-yield cartridge (38,000 pages black)	Fewer interventions and reduced costs
Innovative mobile printing features including optional HP wireless direct and touch-to-print ^{2,3}	Not available	Mobile printing to empower your workforce
Powered by HP FutureSmart device firmware	Not available	Superior investment protection with streamlined firmware updates
8-inch full SVGA colour touchscreen control panel and retractable keyboard	Touchscreen control panel with external 10-key number pad	Increased ease of use and improved data entry
ENERGY STAR® certified and Blue Angel compliant with HP Auto-On/Auto-Off capability	Not available	Reduced environmental impact and improved cost-efficiency
200-sheet ADF with two-sided, single-pass scanning and HP EveryPage	100-sheet dual-head ADF	Improved workflow and job processing
Image Preview feature at device control panel	Not available	Improved workflow with fewer errors and enhanced digital sending options

Top features at a glance

This powerful MFP adds value to your office with flexible send options, versatile paper-handling tools, simplified A3 printing, two-sided, single-pass scanning, professional finishing touches, and easy mobile printing options.^{2,3}



A3/tabloid support

Give workgroups the workflow features they need

- Save on both sides—capture documents faster with two-sided, single-pass scanning.
- Help every workgroup capture data with confidence. HP EveryPage not only detects potential errors or missed pages, it helps prevent them in the first place.
- Create easily searchable scanned files, using built-in optical character recognition (OCR) software.
- Easily scan and send documents to Microsoft® SharePoint® in one step.



Time-saving

Quicken the pace of business

- Give employees the tools to organise documents faster and more conveniently: Staple, stack, fold, and punch holes with the MFP's built-in finishing options.⁵
- Don't spend precious time waiting for your printer. Print when you want with Instant-on Technology.
- Simplicity all around—make it easy for all to print with one common driver, the HP Universal Print Driver (UPD), for all HP devices.⁸
- Make it easy to be efficient, with an intuitive touchscreen and keyboard for entering file information.



Mobile printing

Mobile printing options boost efficiency

- Enjoy mobile printing at a touch. Give users simple, direct access to the MFP through optional wireless direct printing and touch-to-print technology.^{2,3}
- Let employees print from a smartphone, tablet, and Internet-connected PC from virtually anywhere,⁹ and give them the power to print wirelessly from an iPad, iPhone, or iPod touch.¹⁰



Remote printer management

Easily expand, manage, and secure

- Easily upgrade device firmware on your schedule to get new features and protect your investment. Integrate solutions or devices at will.
- Confidently safeguard the sensitive data sent to your MFP with the HP High-Performance Secure Hard Disk.
- Apply fleet-wide policies to help protect all your HP devices with the HP JetAdvantage Security Manager (formerly HP Imaging and Printing Security Center).¹¹
- Help build business efficiency. Centrally monitor and control printers with HP Web Jetadmin.¹²



Auto-On/Off technology

Conserve resources without sacrificing performance

- Help save energy with HP Auto-On/Auto-Off Technology.¹³
- Help conserve resources with a high-performing, energy-efficient HP LaserJet MFP that's ENERGY STAR® certified¹⁴ and Blue Angel compliant.

Give workgroups the workflow features they need

Accelerate business workflows with robust scanning features, and easily connect users throughout your office. Share documents without delay, using flexible send-to options and HP JetAdvantage Workflow Solutions.¹ Easily create searchable and editable files with built-in OCR capabilities. Use HP Quick Sets to create one-touch, automated workflows.



2-sided scanning

Scan on both sides with certainty

With the 200-sheet, extended life automatic document feeder (ADF)—a feature that boasts a robust recommended monthly scan volume of 27,750 to 44,500 pages—scanning with the HP LaserJet flow MFP M830z is made quick, simple, and professional, even in the most demanding environments. Handle the workload of your busy work team and extend the life of the ADF with the HP ADF Roller Replacement Kit (100,000 page yield).¹⁵

Empower everyone to achieve great results in less time. With single-pass two-sided scanning, duplex scanning time is cut in half with 85 images per minute (ipm) black-and-white and 63 ipm colour. Automatic blank page suppression technology helps reduce file size and clean up files.

Help every workgroup capture data with confidence. HP EveryPage allows employees to scan without worry and detect potential errors or missed pages on the spot—even when the weight, size, or condition of pages varies. Using ultrasonic technology, HP EveryPage helps detect double-feeds and avoid missed pages in scanned files, so errors are less likely to occur.

Pristine scans

For each document scanned, the ADF can automatically deskew sheets that are not inserted quite straight and determine the best output format and exposure for the data content. Automatic colour detection, which is user-selectable, classifies an input original as either colour or non-colour to save you time. And with edge erase, you can eliminate paper punch holes, staple marks, and black overscan lines by specifying a distance from each of the four paper edges to be pushed to white.

Advanced automatic-imaging features include auto-orientation which adjusts each page of an individual job to be correct-side up, eliminating the need to ensure that each single-sided page in a job is placed face-up and top-up in the ADF. Auto-page-crop automatically sets the scan to the paper edges to reduce file size, and auto-tone sets contrast, brightness, and background removal for each page.

Expand scanning possibilities

The 297 by 432 mm flatbed scanner lets you easily copy and scan non-standard and bound material. And colour scanning comes standard on all HP MFPs. Preserve the appeal of full-colour documents and photos. Scan in 24-bit colour—ideal for sharing and archiving high-quality digital versions of your originals. With full-colour scanning, scanned files are easier to read. Your black-and-white copies will look better as well, because any coloured areas will show up as greyscale shading. With monochrome scanners, these shaded areas tend to just disappear.

Scan to an
editable file

Transform text in seconds

Let your MFP do the typing. Simplify editing for smaller jobs—and free up more time for high-priority tasks—using built-in optical character recognition. For occasional use, built-in OCR technology allows you to convert scanned images to common file types with editable and searchable text. File types include searchable PDF, PDF/A, High-compression PDF, HTML, RTF (Microsoft Word compatible) OCR CSV, Unicode text, and TXT. OCR capabilities also enhance the indexing and retrieval of documents. (For more advanced OCR capabilities, consider optional HP Digital Sending Software. Find more information on page 9.)



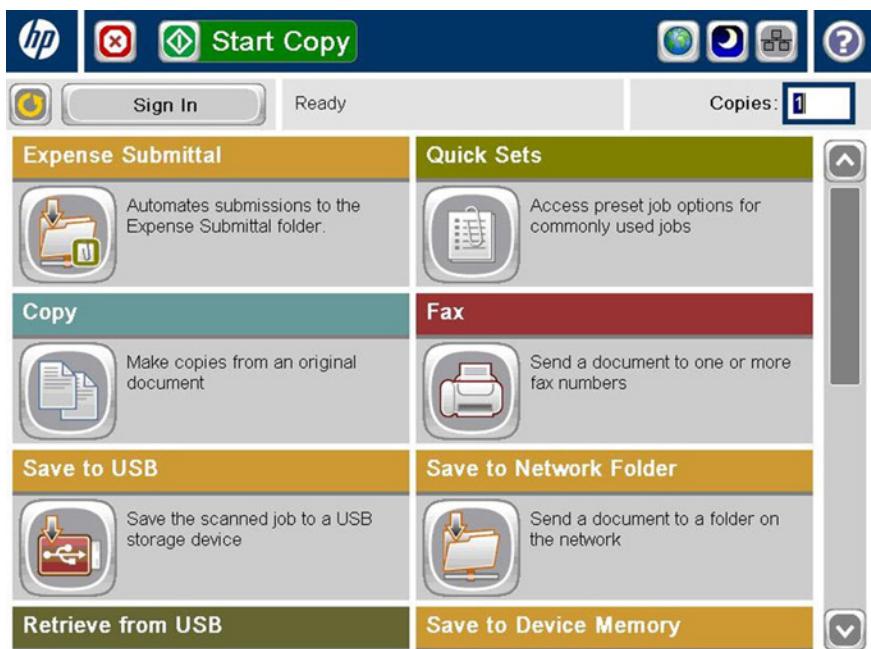
Scan to Cloud

Break through the paper barrier

Easily integrate paper documents into the digital workflow—send scanned documents directly to Microsoft SharePoint folders, email, fax, or network folder with no need for middleware. Built-in LDAP addressing simplifies email distribution, while optional HP JetAdvantage Workflow Solutions enable advanced document capture and routing.¹⁶

One-touch automated workflows

The MFP's digital sending capability lets users route documents to a variety of destinations like email recipients, network folders, or LAN fax addresses. Some users, however, can become quickly overwhelmed with the number of possibilities. They might choose the wrong network folder, forget an email address, or pick the wrong file format for the scan, and the workflow breaks down before it has even begun.



HP Quick Sets let you launch document workflows and get it right every time—at the touch of a button. HP Quick Sets help by automating all of the steps of a complicated workflow, all on a large, full-colour touchscreen that is a joy to use. Users can find what they need right away, without standing at the device control panel searching for the appropriate settings.

In addition to scan destinations, you can preset other scan settings. These can include output file types such as PDF, JPEG, TIFF, MTIFF, XPS, and PDF/A formats. The flow MFP M830z also offers TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR). You can also specify security settings, such as encrypted PDFs to be delivered through encrypted and signed emails. Quick Set buttons can be easily created, labelled, and placed on the control panel home screen, so that you can quickly find the functions you need (some examples are shown in the graphic above).

Quick Sets also help IT staff by allowing them to promote or block access to certain device features. Calls to the helpdesk can be reduced when users have everything they need on the home screen and are restricted from accessing settings they shouldn't tamper with.

Easy digital sending setup

Set-up wizards help you quickly and easily configure your HP MFP's digital sending features.

- The Send-to-Email Default Setup Wizard helps you link your MFP to your email server, then set up default email and scan settings. The Send-to-Email Quick Set Wizard makes it easy to manage often-used Send-to-Email favourites, as well as set up default scan settings. Scanning to email can be a great time-saver when communicating with customers, vendors, or co-workers.
- The Save-to-Folder Quick Set Wizard helps you create destination folders on your computer using Quick Sets. It walks you through configuring the default scan settings that will be applied when scanning to each folder. Now you can start digitally filing your documents for easy storage and retrieval.

Advanced faxing

Quickly and easily send and receive faxes with the HP LaserJet MFP Analog Fax 500 from the control panel icon.

- Quickly search, locate, and edit entries using speed dial.
- Use manual memory lock to save incoming fax jobs at the MFP until a PIN is entered to release the stored documents. The scheduled memory lock lets you specify the days and times you want faxes to print or be held on the device.
- Use the fax call report to view convenient thumbnails of faxes and to archive important information, including the time sent, content, and destination.
- Send a fax from your computer without going to the device control panel with the Send Fax Driver.¹⁷

Effortless copying

The MFP may be used as a standalone, walk-up copier, and you do not need to be connected to the network or a computer to make copies. In copy mode, the MFP functions as a standard photocopier—place your originals on the scanner glass or use the automatic document feeder and adjust all copy settings at the control panel.

Optional HP JetAdvantage Workflow Solutions

HP Embedded Capture

Capture and send without relying on a server

HP Embedded Capture simplifies capture tasks, so scanning and distributing information is as easy as pressing a button. And since it's installed directly on your multifunction printer, it minimises downtime.

To learn more, visit
hp.com/go/hpembeddedcapture

HP Digital Sending Software

Streamline document handling with a server-based solution

Maximise return on your IT investment with a capture and send software that leverages existing IT infrastructure and uses a common administrative utility and end-user interface, so you can use it across multiple HP devices and device types.

To learn more, visit hp.com/go/dss.

HP Capture and Route

Capture, manage, and store all your information

HP Capture and Route is a scalable solution that makes it easy for your team to control and track scanned content, and distribute documents with the touch of a button to back-office applications, fax lines, online destinations such as Microsoft SharePoint and Autonomy iManage, as well as cloud-based repositories.

To learn more, visit
hp.com/go/captureandrout

Quicken the pace of business

Boost productivity and avoid delays. Employees can add professional finishing touches with minimal effort. Complete big jobs fast on paper sizes up to A3, thanks to versatile paper-handling tools. Simplify your workflow with the intuitive touchscreen control panel. Produce impressive documents with this MFP's exceptional print quality.



Up to 4,600 sheets maximum input capacity



A3/Tabloid support



The two-bin, 3,000-sheet booklet maker, just one of three optional finishing accessories that can save you time.

Keep moving with expandable, versatile paper handling

Help meet the needs of your high volume imaging and printing environment and handle large jobs efficiently.

- This MFP has a standard input capacity of 4,600 sheets. You won't have to worry about reloading paper frequently with support for up to 3,500 sheets (A4) in the high-capacity input tray. The other three trays can each be configured to print on a different paper, giving you lots of flexibility.
- The multipurpose tray supports heavy custom media up to 220 g/m².
- Expand your media options. Print on a broad range of media types and sizes, including RA3, A3, A4, and more.
- Built-in automatic two-sided printing helps reduce the cost of wasted paper with less effort, and virtually doubles the MFP's input capacity.

Add finishing touches faster

Give employees output capacity of up to 3,000 sheets along with convenient tools to organise documents fast. Choose one of these three different accessories when ordering your MFP:⁵

- The stapler/stacker sorts, staples, and stacks your projects.
- The stapler/stacker/hole puncher accessory staples and stacks your project and allows you to add a 2/4 hole punch.
- The booklet maker will print, fold, and staple your project for simple and efficient booklet making.

For more information on the output accessories, please see "Ordering information" on page 26.

Don't wait, just print

Save time and keep your business moving with blazing-fast print speeds up to 56 pages per minute (ppm) for A4⁷ and first page out speeds as fast as 9.5 seconds from ready (A4).¹⁸ With a recommended monthly page volume of 15,000 up to 50,000 pages,¹⁹ this MFP is built to stand up to the demands of today's fast-paced business environment and keep intervention rates low.

The HP LaserJet Enterprise flow MFP M830z features Instant-on Technology, enabling print and copy jobs to begin quickly from sleep mode.²⁰ State of the art fuser technology produces the first page faster when a printer is coming out of low power mode, so your print job is done sooner. In addition to helping you conserve energy and reduce your environmental impact, these extra seconds can deliver significant real-world performance advantages over time, helping users get more done.



Up to 56 ppm (A4)



Instant-on Technology

Simplicity all around

Make it easy for all to print with one common driver. The HP Universal Print Driver (UPD), an HP JetAdvantage Management Solution, enables both mobile Microsoft PC users and traditional desktop users to self-sufficiently access the full features of nearly every HP device in your managed printing environment.

Eliminate the clutter on your computer by replacing multiple print drivers with one versatile solution. Empower IT by dramatically reducing the number of drivers they have to manage—and by giving them the tools they need to improve efficiency. With the HP UPD, your IT team can easily adjust device settings to help reduce printing costs, improve security, and help meet environmental goals. For example, it's simple to push two-sided printing or quicker sleep times across the fleet. Plus, the valuable tools in the HP UPD Printer Administrator's Resource Kit help you save time and money by streamlining IT tasks, implementing printing policies, and monitoring usage across the enterprise. You can also use the HP UPD in tandem with HP Web Jetadmin to create fleet-wide managed printer lists, reports, and more.

You can download this valuable fleet driver solution and the tools in the Printer Administrator's Resource Kit. For more information about how the HP Universal Print Driver can help you protect your imaging and printing investment, simplify management, and boost productivity, visit hp.com/go/upd.

Put the right touch on tasks

Process jobs at the MFP with the HP Easy Select colour touchscreen control panel for a trouble-free user experience. The control panel includes an 8-inch (20.3 cm) SVGA touchscreen graphical display that is adjustable for different viewing angles. Reduce training costs and help-desk calls while empowering everyday users with the same user interface found on other HP LaserJet MFPs and networked scanners.



Users can manage their jobs confidently from this large, intuitive interface—in many cases it's one they're already familiar with. The control panel offers:

- **Adjustable tilt angle** of the touchscreen to provide convenient accessibility to all users.
- **Image preview**, which lets you add, delete, reorder, and zoom in on pages for digital send jobs at the control panel.
- **Simple-to-use menus** that allow you to set system defaults, customise settings for a particular job, and configure and launch HP Quick Sets.
- **Illuminated Home button** on the side of the control panel that quickly returns the touchscreen to the Home menu.
- **Helpful feedback** while interacting with the touchscreen graphical display. The MFP has a built-in Help system that explains how to use each screen. To open the Help system, touch the Help button in the upper-right corner of the screen. For some screens, the Help button opens to a global menu where you can search for specific topics. For screens that contain settings for individual jobs, the Help button opens to a topic that explains the options for that screen.
- **Clear instructions and illustrations**, including animations for tasks such as jam recovery.
- Easy-to-read status messages in one location.

Easy access USB

The easy-access USB near the control panel lets you quickly complete your print job from a flash drive. A variety of files are supported, including PDF, PS, and print ready files (.prn, .pcl, .cht).



Easy-access USB

Make it easy to be efficient

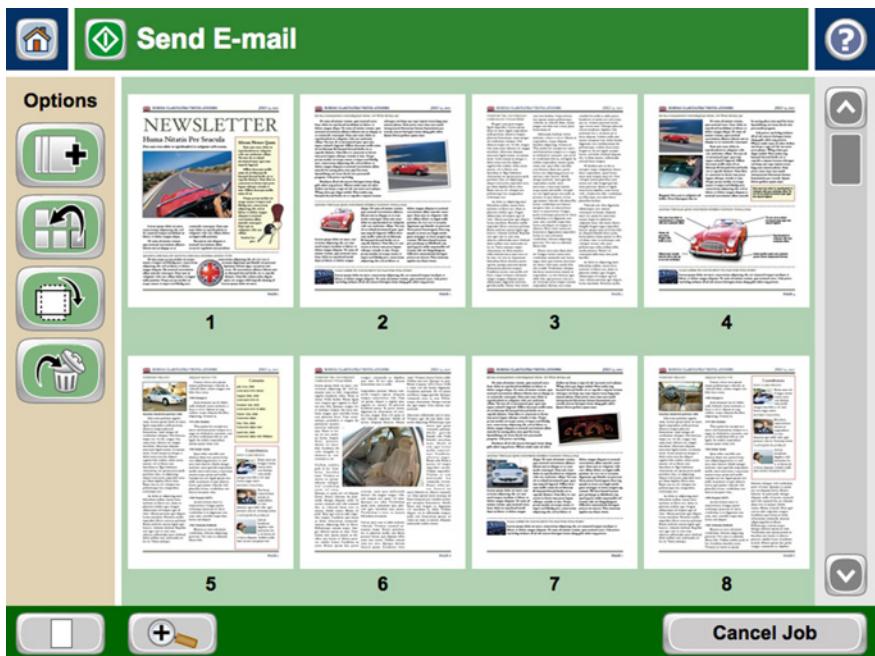
Make scanned documents easier to organise and find by adding information to files and context to your email with the large pull-out keyboard. Typing addresses, file names, and index data with two hands is not only a lot faster for the user, but also improves the accuracy of the data.



Give your computer a break

The control panel on this MFP features image preview, which lets you minimise steps and reduce errors. You can view and edit your scan job right from the device's 8-inch (20.3 cm), full-colour touchscreen control panel before you send it to a network folder, fax, email, or USB device. With image preview, not only can you save files on your network from the device, you can easily get your scans to look just the way you want them. Instantly preview and modify scans before sending them into the workflow, eliminating the need to walk back and forth from a computer.

Scan multiple pages using the ADF and view them as thumbnail images, or zoom and pan for a detailed inspection. Before finalising a document you can reorder, rotate, delete, add, or zoom in on pages. You can apply changes to a single page, or multiple pages at once.



Deliver reliable, consistently outstanding results

Get consistently great looking black-and-white output from the HP LaserJet Enterprise flow MFP M830z with a choice of HP FastRes 1200 for speedy day-to-day printing or HP ProRes 1200 for true 1200 by 1200 dpi where fine lines and details are critical to your job. The MFP was designed together with Original HP toner cartridges and HP papers to automatically produce exceptional output quality for your printed documents.

HP LaserJet all-in-one print cartridges are a crucial component of the printing system.²¹ Standard capacity cartridges are shipped pre-installed with the MFP, saving time and adding value. The print cartridge and toner are integrated into one supply, which means that you refresh the imaging system every time you insert a new cartridge.

- HP Smart printing technology is activated every time you install an Original HP print cartridge. The HP print cartridge, MFP, and software are designed to work together to enable easy, high-quality laser printing, and allow you to monitor your current supplies, order new supplies online, and print successfully every time.
- Original HP LaserJet black print cartridges have a standard yield of 40,000 pages, which means less intervention is required.²²
- Clearly labelled parts, easy-to-understand instructions, and cartridge status information from the control panel or HP device management tools make supplies management and troubleshooting easy for all users.
- Rely on Original HP LaserJet toner cartridges for superior performance. During testing, non-HP toner cartridges frequently led to performance problems, while HP toner cartridges worked every time.²³
- Any savings with non-HP toner cartridges today can cost you tomorrow. Non-HP cartridges can cost 10% more than Original HP LaserJet toner cartridges when you take reprinting into account.²⁴
- Don't waste paper on reprints. The superior print quality of Original HP LaserJet toner cartridges can help you reduce waste compared with using remanufactured toner cartridges.²⁵

Mobile printing options boost efficiency

Give users simple, direct access to the MFP through optional wireless direct printing and touch-to-print technology, HP JetAdvantage Mobile Print Solutions.^{2,3}

Easily and securely print from mobile devices

It's a mobile world. Smart phones, tablets, and notebooks offer the flexibility to be productive at work, home, and on the go. Users want simple, reliable printing from any mobile platform or operating system, while IT managers need to control access to their network and devices.

HP makes it easy, with mobile printing capabilities built right into our printers and MFPs. We're proud to lead the way in mobile printing, offering mobile solutions for more users, use cases, and environments than any of our competitors.



Wireless direct



HP touch-to-print

Enterprise mobile printing

You can easily add HP wireless direct and HP touch-to-print capabilities to the HP LaserJet Enterprise flow MFP M830z with the Jetdirect 2800w NFC/Wireless Direct Accessory.^{2,3} Both wireless direct and touch-to-print use a secure peer-to-peer connection, allowing users to print without accessing your corporate network. Print files are encrypted, and with a configurable passphrase, you don't have to worry about who is connecting to your office printers. Security and user access settings can be easily set up with HP Web Jetadmin or the Embedded Web Server.¹²

To use wireless direct printing, simply connect your mobile device to your MFP in the same way you would discover and connect to any public wireless network. With touch-to-print, you can walk up and print from your NFC-enabled smartphone or tablet with just a touch. NFC, or near field communication, automatically discovers the printer for you, eliminating the guesswork and creating a one-to-one connection using wireless technology.

HP has been working closely with leading manufacturers of mobile devices to integrate printing into popular operating systems. In fact, HP currently offers the broadest support for embedded print functionality—across Apple iOS (AirPrint), Samsung Android, and Windows® 8, which means in most cases you won't have to download an app. Simply access the print function from the document you want to print, select your MFP, and hit Print. For mobile devices without built-in print support, printing is just as simple, but users will first need to download the HP ePrint app or HP ePrint software.²⁶

You can add wireless direct and touch-to-print across your existing HP devices with either the HP Jetdirect 2800w, which installs in the Hardware Integration Pocket, or with the HP NFC/Wireless 1200w Mobile Print Accessory, via USB.²⁸ For more information, please see "Ordering information" on page 26.

If you're looking to deploy mobile printing across an existing multi-vendor fleet and need advanced security and management options, we offer the optional HP ePrint Enterprise solution. Learn more at hp.com/go/businessmobileprinting.

Enable printing anytime, from virtually anywhere

Even when employees are travelling, a printer can always be close at hand—with HP ePrint. Empower them to print virtually anywhere from a smartphone, tablet, or Internet-connected PC.⁹ And with Apple AirPrint, employees can print from an iPad, iPhone, or iPod touch.¹⁰

Share without worries

The printer offers embedded wired networking capabilities that allow you to connect directly to a Gigabit Ethernet 10/100/1000T network. You also have the option of adding secure wireless networking. For more information, please see "Ordering information" on page 26.

Easily expand, manage, and secure

Help protect your MFP investment and manage printing across the business. As your needs change, so can your MFP with easy upgrades and add-ons. Your entire printing fleet can be managed from a single location with HP JetAdvantage Management Solutions. Safeguard sensitive data with a full suite of top-tier, embedded and optional HP JetAdvantage security features and solutions.

Change happens—you're covered

Work with the future in mind. HP FutureSmart Firmware lets you upgrade your MFPs on your schedule, whenever solutions advance. This provides investment protection because you can update to new features, such as workflow and security enhancements, without the need to purchase new hardware. HP FutureSmart also helps reduce the time and cost to train new users. A consistent user interface and menu design across all HP FutureSmart devices—including the HP LaserJet Enterprise flow M830z MFP—makes the user experience intuitive and familiar. To learn more about HP's FutureSmart Firmware, visit hp.com/go/futuresmart.

Be ready for the new—now. This MFP is designed to be compatible with emerging solutions, so you can upgrade and increase capabilities as needed. HP's cost-effective solution for hardware upgrades—the Hardware Integration Pocket—allows you to integrate security solutions, such as card and badge readers.⁴ And HP's Open Extensibility Platform (OXP) creates a unified environment for software solutions that run on your HP LaserJet MFPs—providing sound investment protection, consistency for end users, and easier management. These HP innovations can help your MFP remain state-of-the-art long into the future.

Protect your business information

The HP LaserJet Enterprise flow MFP M830z series has a multitude of options when it comes to helping you secure your environment. You can count on support for a number of solutions, along with built-in security features such as a HP High-Performance Secure Hard Disk and PIN printing options.



Built-in security features

Protect your MFP

As capabilities expand and devices become more integrated into your workflows, device security becomes increasingly important. The HP LaserJet Enterprise flow MFP M830z features a number of options to protect the device:

- **Code signing**—Firmware signed by HP ensures that the firmware was produced by HP (authenticity) and that the firmware has not been altered in any way (integrity).
- **Firewall**—The built-in device network firewall allows or denies access to specific TCP/UDP ports and services.
- **Physical port disablement**—Host USB ports, network ports, and other physical ports can be disabled to prevent unauthorised use.
- **CA & Device Identity Certificates**—This MFP supports identity certificates signed by a corporate certificate authority, which provides verification of identity and authenticity. This MFP also supports CA certificates for validation of identity certificates. Certificates can enable secure end-to-end communications with the device when used with features like IPsec, Secure-IPP, ePrint, and more. Additional certificates can be stored for validating S/MIME e-mail servers and 802.1x authentication.

- **Authentication and authorisation**—Authentication can help your organisation manage user access, help secure access to management utilities, and avoid unwanted device configurations. Control access to the MFP, device settings, and functions, with options like:
 - **Multiple embedded authentication methods:** Print with a positive ID. With authentication options available from the device, you can configure Windows®/Kerberos authentication, LDAP authentication, and user PIN authentication that integrates with your existing infrastructure.
 - **Role-based device authentication and authorisation with HP FutureSmart:** With HP FutureSmart, you have more control than ever before over device security and permission settings. IT administrators can decide who can interact with certain device capabilities—helping to make workflows more secure, control access, and uphold site security policies.
 - **HP and third-party authentication solutions:** With optional solutions like HP Access Control or HP Smartcard Solution for U.S. Government,²⁹ you can enable advanced authentication using proximity cards or smartcards. The Hardware Integration Pocket on the control lets you integrate select card readers.⁴
- **Physical device protection**—Both the device and the embedded HP High-Performance Secure Hard Disk can be physically secured from theft and tampering using a lock that requires a physical key for removal (this accessory must be purchased separately).
- **Common Criteria Certification (CCC)**—CCC is a security certification recognised in 26 countries worldwide. HP certifies the security functionality of its Enterprise LaserJet MFPs and printers to align with the IEEE 2600 imaging and printing security standard.³⁰

Protect your data

Your MFP harbours sensitive information—make sure it's not at risk. HP offers security features at every stage in the workflow.

Protect data at rest with the following features:

- **Storage encryption**—Defend your data. The HP High-Performance Secure Hard Disk in the HP LaserJet Enterprise flow MFP M830z provides full hardware encryption.
- **Secure Erase**—The MFP provides built-in capabilities for securely overwriting data stored on it, allowing sensitive data to be safely removed. HP offers multiple mechanisms to erase stored data, including functionality that conforms to U.S. National Institute of Science and Technology (NIST) Special Publication 800-88.
- **Password protection**—Stored passwords are encrypted to help provide protection of this critical information.
- **Secure keys, credentials, and certificates**—For an extra level of security, the optional HP Trusted Platform Module (TPM) accessory can easily be added to the device to strengthen protection of encrypted credentials and data by automatically sealing device encryption keys to the TPM, and provides secure device identity by generating and protecting certificate private keys.³¹

Protect data in transit with these features:

- **Network protection**—Network-transmitted data can be protected with IPsec and print jobs can also be encrypted using Internet Printing Protocol (IPP) over SSL/TLS.
- **CipherSuite Encryption Strength**—Encryption strength can be selected to prevent the use of legacy or insecure protocols for data in transit.
- **FIPS-140 Mode:** Ensures device uses available FIPS-140 validated cryptographic modules for TLS encryption, SNMPv3 signing and encryption and signed certificates.
- **Secure Encrypted Print with HP UPD 5.3.1 or later**—For added security, choose end-to-end Secure Encrypted Print. HP UPD provides true symmetric AES256 print job encryption and decryption from the client to the page based on a user-defined password using FIPS 140 validated cryptographic libraries from Microsoft.⁸
- **Secure Capture and Send**—Scanned PDFs and email can be encrypted using built-in FIPS 140 validated cryptographic libraries from Microsoft. HP also offers a rich portfolio of HP JetAdvantage Workflow Solutions that provide advanced capture and route capabilities with enterprise level security. See “Optional HP JetAdvantage Workflow Solutions” on page 11 for more information.
- **Management safeguards**—Device management data that travels over the network between the device and Web Jetadmin and other management tools can also be protected

Resources

HP JetAdvantage Security Solutions:

- Web site: hp.com/go/secureprinting
- Solution brief: <http://www8.hp.com/h20195/v2/GetDocument.aspx?docname=4AA5-4773EEW>
- Video: <http://h20621.www2.hp.com/video-gallery/us/en/products/D00D8A0C-D648-486E-9642-D720EDCF647F/r/video/>

HP Security Manager:

- Web site: hp.com/go/securitymanager
- Brochure: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-9275EEW.pdf>
- Video: <http://h20621.www2.hp.com/video-gallery/us/en/70C04F4A-5517-43FD-824C-D836765A943C/r/video/>

using SNMPv3. HTTPS (HTTP over SSL/TLS) can be enforced so all connections to the device Embedded Web Server administration interface are securely encrypted.

- **Secure Mobile Print**—HP offers multiple options for secure mobile printing. For more information, see “Easily and securely print from mobile devices” on page 16.

Safeguard your physical documents

HP offers several optional solutions to help keep documents from falling into the wrong hands and help prevent fraud, such as:

- **Pull printing**—Documents can be held and released only to the person who printed them. Pull printing solutions help protect sensitive data by requiring authentication at the device, and give users the flexibility of pulling the documents from any device that is enabled with the solution.
 - **HP JetAdvantage Private Print**—With HP’s cloud-based private print you get the advantages of pull print, without the complexity. It is simple to set up. It does not require a server, installation, or maintenance. For details, visit hpietadvantage.com/ondemand.³²
 - **HP Access Control Pull Print**—This optional robust server-based solution offers multiple forms of authentication including badge release, as well as enterprise level security, management, and scalability.
- **Embed anti-fraud features**—This is a valuable tool in sensitive documents like prescriptions, birth certificates, or transcripts. Anti-fraud features are embedded before they are routed to the MFP and printed on plain paper by using the optional HP and TROY Secure Document Printing solution.

HP security best practices

Since 2005, HP has published security best practice checklists for networked environments common to enterprises and small to medium businesses. HP recommends that customers incorporate recommended security configurations into their environments.

For more information on HP security solutions and checklists, please visit hp.com/go/secureprinting.

Easily manage security across the fleet



HP JetAdvantage Security Manager

Secure your HP printing fleet with the solution Buyers Laboratory (BLI) calls trailblazing.³³

HP JetAdvantage Security Manager (formerly HP Imaging and Printing Security Center)

Apply efficient, fleet-wide security policies to protect all your HP print devices with optional HP JetAdvantage Security Manager.¹¹

- Many tedious tasks can be automated, so you can free up time for your IT staff and protect the data and documents that matter most to your business.
- Streamline the process to securely deploy and monitor devices by applying a single security policy across the fleet.
- Easily create a print security policy for your environment by leveraging the HP Security Manager Base Policy template.
- Secure new HP devices as soon as they are added to your network with HP Instant-on Security. The software automatically configures settings to comply with your corporate security policy.
- Improve the security of your infrastructure and device communications by deploying unique identity certificates across your fleet and continuously monitoring to ensure they remain valid with HP Security Manager’s efficient fleet management of certificates. The administrative overhead to install unique identity certificates across your fleet of HP devices is now less than manually installing on a single device.
- Actively maintain and verify compliance with your defined security policies by using HP Security Manager automated monitoring and risk-based reporting.

To learn more about HP Security Manager or to obtain a trial version, visit hp.com/go/securitymanager.

HP ArcSight Printer Integration

HP ArcSight provides real-time monitoring of the security posture of HP imaging and printing devices with the industry leading Security Information and Event Management (SIEM) tool.

- HP FutureSmart imaging and printing device security events are logged and easily collected.
- Events are analysed, correlated, and risks are highlighted in the ArcSight dashboard and pre-built reports.
- Devices can be easily monitored by IT security as part of the broader IT ecosystem and can enable them to take corrective actions.

Keep a close watch, even from afar



Remote printer management

Resources

HP Web Jetadmin:

- Web site: hp.com/go/wia
- Solution brief: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-2719EEW.pdf>
- Video: <http://h20621.www2.hp.com/video-gallery/us/en/sss/35D707B5-B7B3-4A67-B4E0-2DE6C423AEA7/r/video/>

HP Universal Print Driver:

- Web site: hp.com/go/upd
- Data sheet: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-4781EEW>

The HP LaserJet Enterprise flow MFP M830z is supported by HP Web Jetadmin, a JetAdvantage Management Solution.¹² This single solution allows you to efficiently manage a wide variety of networked and PC-connected devices, including printers, multifunction products, and scanners. Remotely install, configure, troubleshoot, secure, and manage your devices—ultimately increasing business productivity by helping you save time, control costs, protect your assets, and provide a better return on your investment. HP Web Jetadmin enables you to:

- Gain a clear picture of how many and what kinds of devices you have.
- Get visibility into your supplies usage, so you can make smarter purchasing decisions, reduce spending, and even track and allocate printing costs to individual departments or users.
- Simplify, and in many cases, automate routine tasks. For example, you can apply fleet-wide policies to automatically configure new devices with the right printing and security settings when they're added to your network.
- Give your help desk staff the tools they need—such as automatic alerts—to resolve problems quickly, and often proactively, before a call is even received.
- Verify that your devices are up-to-date with the latest firmware and are properly configured (especially important for organisations that need to meet regulatory requirements).
- Use robust tracking and reporting tools to help you make better decisions about how your devices are deployed across your organisation, so you can make the most of your IT investments.
- Implement controls to prevent unnecessary colour printing on colour devices in the fleet, while preserving access for those who truly need it, such as your marketing department.
- Take advantage of additional options, like the HP Database Connectivity Module which works together with Web Jetadmin to help you establish and achieve environmental goals.
- Get the ultimate in investment protection with HP Web Jetadmin Premium Support. This expanded service option gives your staff access to HP's dedicated software support engineers, who provide advice, usage recommendations, problem diagnosis, and more.

For more information about how you can efficiently manage your entire imaging and printing fleet with HP Web Jetadmin—or to download this software tool—visit hp.com/go/wia.

Simple one-to-one device management

The HP LaserJet Enterprise flow MFP M830z can also be managed using the HP Embedded Web Server (EWS). Use a web browser to monitor status, configure network parameters, or access device features.

Enjoy peace of mind with legendary HP reliability



Maximise uptime

Prior to its introduction, a new HP LaserJet device undergoes rigorous HP testing at each step of the design process, to be certain that the device measures up to HP standards. The result is a solid, reliable product that produces consistent, excellent print quality over its entire life.

The MFP includes a standard one-year limited onsite warranty with 24-hour, 7 days-a-week phone support. (Warranty may vary by country as required by law.) Additional warranty and service extension options are available. Go to hp.com/support to learn about HP world-class service and support options in your region.

HP services—protect your technology investment and stay productive

Enhance your standard warranty with HP Care Pack services. Our range of support services provide you peace of mind at predictable costs—so you can focus on what you care about.

With HP Care Pack services you simply choose the level of support you need—no more, no less. A variety of options are available for the HP LaserJet Enterprise flow MFP M830z.³⁴ For more details, see “Ordering information” on page 26. You can also select the HP Care Pack to best meet your needs at hp.com/go/cpc.

Conserve resources without sacrificing performance

It has never been more important to save energy and resources, and HP technologies can help. HP's Design for the Environment initiative is driving improvements at every stage in the product lifecycle—helping reduce the amount of energy, paper, packaging, and materials used at HP and by our customers.

Conserve power without sacrificing performance

With its intelligent design, this MFP can help you meet your energy goals, without sacrificing performance:

- **ENERGY STAR® certified and Blue Angel compliant**—HP equipment marked with the ENERGY STAR logo is certified to the U.S. Environmental Protection Agency's ENERGY STAR specifications for imaging equipment. Additional ENERGY STAR information is listed at: hp.com/go/energystar.¹⁴ Blue Angel is a German eco-label based on criteria in product design, energy consumption, chemical emissions, noise, recyclable design and take-back programs. Many of HP's most popular printing and imaging products qualify for this eco-label.
- **HP Auto-On/Auto-Off Technology**—Stay productive and conserve resources with intelligence that can turn your MFP on when you need it and off when you don't.¹³ You can even set custom times for your MFP to turn on and off, so it's ready when you are.
- **Instant-on Technology and Instant-on Copy**—HP LaserJet products with Instant-on Technology use an innovative, quick-heating fuser system that warms rapidly and cools quickly, helping you conserve energy. The MFP's scanner requires no warm-up time.



Auto-On/Off technology



Automatic 2-sided printing

Save paper and reduce waste

With different HP solutions, you can save paper in a variety of ways:

- Get up to 50% paper savings with built-in automatic two-sided printing.
- HP Web Jetadmin or the HP UPD can help cut the cost of paper consumption by setting automatic two-sided printing as the default for individual devices or entire fleets.^{8,12}
- Reduce your printing environmental impact with support for thin media printing. The HP LaserJet Enterprise flow MFP M830z is compatible with office papers as light as 60 g/m².

Reduce your impact—recycle HP cartridges

HP helps you recycle your Original HP cartridges—it's easy with the HP Planet Partners program, available in more than 50 countries and territories around the world.³⁵

- HP offers postage-paid recycling envelopes and labels for most Original HP cartridges. Raw material from recycled cartridges can be used to manufacture new Original HP cartridges. To date, customers have returned more than 500 million cartridges to HP Planet Partners for recycling.
- Many Original HP cartridges have been engineered to use recycled plastic and still meet HP's demanding standards for quality and reliability.
- No Original HP cartridges returned through HP Planet Partners are ever sent to a landfill. Unlike HP Planet Partners, remanufacturing rarely prevents cartridges from ending up in landfills.³⁵ More than 90% of ink and toner cartridges sold by remanufacturers surveyed will ultimately be thrown away.³⁶ For more information, visit hp.com/recycle.

Use HP SureSupply to consolidate supplies orders, helping to save money while reducing the environmental impact of packing and transporting multiple single orders.³⁷

Technical specifications

HP LaserJet Enterprise flow MFP M830z	
Product number	CF367A
Print speed⁷	Up to 56 ppm, A4 (55 ppm, letter); up to 28 ppm, A3/tabloid
First page out¹⁸	As fast as 9.5 from ready (A4/letter)
Print resolution	HP FastRes 1200 (1200 dpi effective quality), 600 dpi with HP Resolution Enhancement technology HP ProRes 1200, HP FastRes 1200, HP RET, 600 dpi, 300 dpi
Scanning resolution	Up to 600 dpi
ADF scan speed	
Single-sided (A4/letter)	Up to 70 ppm (black-and-white); up to 68 ppm (colour)
Two-sided (A4/letter)	As fast as 85 ipm (black-and-white); up to 63 ipm (colour)
ADF input capacity	200 sheets
Control panel/data entry	20.3 cm (8.0 in) colour LCD with touchscreen, rotating (adjustable angle) display, illuminated Home button (for quick return to the Home menu), easy-access USB 2.0 port, pull-out external keyboard
Features	
Scanning	Flatbed colour scanner, up to 297 x 432 mm (11.7 x 17 in), ADF Two-sided, single-pass scanning, HP EveryPage with ultrasonic double-feed detection
Advanced imaging	Auto-blank page removal, image preview, auto-colour detection, edge erase, deskew, auto-content-crop, auto-orientation, auto-page-crop, auto-tone
Digital sending	Send to Email; Save-to-Network Folder, Save-to-USB drive, Send to FTP, Send to LAN Fax, Send to Internet Fax, Send to SharePoint, OCR
Copying	Auto scale; Reduce/Enlarge from scanner glass (25 to 400%), Collate; Auto colour detection, Two-sided copying, Image adjustments (darkness, background cleanup, sharpness), Job build, staple, image adjustments (darkness, background cleanup, sharpness)
Faxing	Fax speed: 33.6 kbps, ³⁸ fax forwarding, receive fax polling, broadcasting to up to 100 locations, Speed dial up to 100 numbers (with optional fax accessory), each with 100 destinations; auto-fax reduction, auto-redialling Fax resolution: standard 200 x 100 dpi, superfine 300 x 300 dpi
Processor	800 MHz
Memory⁶	1.5 GB RAM
Hard disk	HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)
Durability ratings	
RMPV (recommended monthly page volume) ¹⁹	15,000 pages to as high as 50,000
RMSV (recommended monthly scan volume)	27,750 to 44,500 pages
Duty cycle ³⁹	Up to 300,000 pages (A4 and letter)
Paper	
Input capacity	Paper capacity: up to 4,600 sheets; Tray 1: up to 100 sheets; Trays 2 and 3: up to 500 sheets; HCl: 3,500 sheets (A4 and letter only)
Output capacity	Up to 3,000 sheets (with choice of stapler/stacker, stapler/stacker/hole punch, or booklet maker) ⁵
Two-sided printing	Automatic

HP LaserJet Enterprise flow MFP M830z	
Media sizes	Tray 1: A3, A4, A5, RA3, B4, B5, 8k, 16k, postcards (JIS double), envelopes (DL, C5, B5); letter, legal, executive, 11 x 17, 12 x 18, 8.5 x 13, envelopes (No. 10); Custom media sizes: 98 x 191 to 312 x 470 mm (3.86 x 7.52 to 12.28 x 18.5 in) Trays 2 and 3: A3, A4, A5, B4, B5, letter, legal, executive, 11 x 17, 8.5 x 13; Custom media sizes: 148 x 210 to 297 x 431.8 mm (5.83 x 8.27 to 11.69 x 17.0 in) HCl: A4, letter ADF: A3, A4, A5, B4, B5 (JIS), B6 (JIS); letter, legal 13" (officio), legal 14", 11 x 17
Media weights	Tray 1: 60 to 220 g/m ² (16 to 58 lb bond) Trays 2, 3, and HCl: 60 to 199 g/m ² (16 to 53 lb bond) ADF: 45 to 199 g/m ² (12 to 53 lb bond)
Media types	Paper (bond, colour, letterhead, plain, pre-printed, prepucce, recycled, rough), cardstock, labels, transparencies
Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Foreign Interface; 1 Hardware Integration Pocket; 2 Internal USB Host
Network capabilities	Ethernet; Fast Ethernet; 802.3/802.3u; RJ-45 (10/100/1000 Base-TX)
Mobile printing	HP ePrint, Apple AirPrint, Mobile apps, Mopria certified; Optional: NFC touch-to-print, wireless direct
Languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, native PDF printing (v. 1.4 or higher)
Fonts	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 hp.com/go/laserjetfonts
Compatible operating systems⁴⁰	Windows XP SP3 or greater (32-bit and 64-bit), Windows Vista (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2003 SP2 or greater (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit) Mac OS X v10.6, OS X v10.7 Lion, OS X v10.8 Mountain Lion For the latest operating system support see: AirPrint (support.apple.com/kb/ht4356), Android, Citrix and Windows Terminal Services (hp.com/go/upd), HP ePrint Software Driver (hp.com/go/eprintssoftware), Linux (hplip.net), Novell (novell.com/iproprint), SAP device types (hp.com/go/sap/drivers), SAP Print (hp.com/go/sap/print), UNIX (hp.com/go/unix), UNIX Jetdirect (hp.com/go/jetdirectunix_software)
Network protocols	IPv4/IPv6: Apple Bonjour compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, WS Print, IPsec/Firewall IPv6: DHCPv6, MLDv1, ICMPv6 IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode Management security: SNMPv3, SSL/TLS (HTTPS), IPsec/Firewall Port authentication (802.1x EAP-PEAP, EAP-TLS)
Security	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 and 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 Security management: Compatible with HP JetAdvantage Security Manager
System requirements, Windows	Microsoft Windows 8, Windows Vista, Windows 7 SP1+, Windows Server 2003 (SP1+), Windows Server 2008, Windows Server 2008 R2 (64 bit), Windows Server 2012 (64-bit), Windows XP (SP2+); CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; 200 MB available hard disk space; for operating system compatible hardware system requirements, visit microsoft.com
System requirements, Macintosh	Mac OS X v10.6, OS X 10.7 Lion, OS X 10.8 Mountain Lion; CD-ROM/DVD-ROM or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0) or Network connection; 1 GB of available hard-disk space; for operating system compatible hardware system requirements, visit apple.com
Dimensions (width x depth x height)	Minimum: 1650 x 715 x 1100 mm (65 x 28.1 x 43.3 in) Maximum: 1975 x 715 x 1100 mm (77.7 x 28.1 x 43.3 in)
Weight (with print cartridge)	With stapler/stacker: 204 kg (449.7 lb) With stapler/stacker/hole punch: 204 kg (449.7 lb) With booklet maker: 223 kg (491.6 lb)

HP LaserJet Enterprise flow MFP M830z

What's in the box	HP LaserJet Pro M830z Multifunction Printer, HP Black LaserJet Toner Cartridge (40,000 yield), ²² keyboard overlay, fax cable, CD(s) with software and documentation, Getting Started guide, power cord, output paper handling device (MFP must be ordered with one of three paper output accessories)
Warranty	One-year, onsite limited warranty; 24-hour support; 7 days a week phone support

Environmental and power specifications

HP LaserJet Enterprise flow MFP 830z

Environmental ranges	
Temperatures	Operating: 10 to 32.5° C (50 to 91° F); Storage: 0 to 40°C (32 to 104° F); Recommended: 10 to 32.5° C (50 to 91° F)
Relative humidity range	Operating: 10 to 80% RH; Non-operating: 10 to 90% RH; Recommended: 10 to 80% RH
Acoustic power emissions⁴¹	Ready mode: 5.3 B(A); Active printing: 7.5 B(A); Active copy: 7.6 B(A)
Acoustic pressure emissions (bystander)	Ready mode: 37 dB(A); Active printing: 58 dB(A); Active copy: 59 dB(A)
Power specifications	ENERGY STAR® certified and Blue Angel compliant
Power supply required	U.S., Canada, Mexico, Japan, Taiwan: Input voltage: 110 to 127 VAC, 50/60 Hz, 11.0 A Rest of the world: Input voltage: 220 to 240 VAC, 50/60 Hz, 5.5 A
Power consumption ⁴²	1030 watts (printing), 60 watts (ready), 6.0 watts (sleep 1), 2.5 watts (sleep 2), 0.3 watts (off)
Typical Electricity Consumption (TEC)	5.0 kWh/week
Energy-saving features	HP Auto-On/Auto-Off technology, ¹³ Instant-on Technology
Safety and regulatory compliance	IEC 60950-1:2005 +A1; EN60950-1: 2006 +A11:2009 +A1:2010 +A12:2011; IEC 60825-1:2007 (Class 1 Laser/Led Product); EN 60825-1:2007 (Class 1 Laser/LED Product); UL/cUL Listed (USA/Canada); GS Certificate (Germany, Europe); IEC 62479:2010; EN 62479:2010; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
Electromagnetic emission standard	CISPR 22: 2008/EN 55022: 2010 Class A, EN 61000-3-2: 2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class A (USA), ICES-003, Issue 4, (Canada), GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries
Telecom Compliance Certification	Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries

Ordering information

Use accessories and supplies specifically designed for the MFP to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. To contact HP by country, please visit hp.com/country/us/en/cs/contact-hp/contact.html.

If you don't have access to the Internet, contact your qualified HP dealer, or call HP (U.S.) at (800) 282-6672.

MFP	HP LaserJet Enterprise flow MFP M830z (Printer must be ordered with one of three paper output accessories)	CF367A
Replacement toner cartridges²²	HP 25X Black LaserJet Toner Cartridge (~40,000 pages)	CF325X
Accessories	HP Stapler Cartridge Refill—for Stapler/Stacker HP 2-pack 2000-staple Cartridge—for booklet maker HP LaserJet Stapler/Stacker HP LaserJet Stapler/Stacker with 2/4 hole punch HP LaserJet Booklet Maker/Finisher HP LaserJet 220v Maintenance/Fuser Kit (200,000 yield) ⁴³ HP Jetdirect 2700w USB Wireless Print Server HP ADF Roller Replacement Kit (100,000 yield) ¹⁵ HP Jetdirect 2800w NFC/Wireless Direct Accessory 2 GB Memory DIMM Kit ⁶	C8091A CC383A CZ994A CZ996A CZ285A C2H57A J8026A C1P70A J8029A B3G84-67909
HP Care Pack Services³⁴	Select the right HP Care Pack Service for your MFP at hp.com/go/cpc 3 year Next Business Day + Defective Media Retention LaserJet M830 MFP Hardware Support 4 year Next Business Day + Defective Media Retention LaserJet M830 MFP Hardware Support 5 year Next Business Day + Defective Media Retention LaserJet M830 MFP Hardware Support 3 year 4 hour 9x5 LaserJet M830 MFP Hardware Support 1 year Post Warranty Next Business Day + Defective Media Retention LaserJet M830 MFP Hardware Support 2 year Post Warranty Next Business Day LaserJet M830 MFP Hardware Support 1 year Post Warranty 4 hour 9x5 LaserJet M830 MFP Support	U8C89E U8C90E U8C91E U8C83E U8D08PE U8D05PE U8D06PE
Paper	hp.com/go/learnaboutsupplies	
Solutions	HP Web Jetadmin: hp.com/go/wia HP Universal Print Driver: hp.com/go/upd HP Security Manager: hp.com/go/securitymanager HP LaserJet Fonts, Barcodes, and IPDS Emulation available at hp.com/go/laserjetfonts To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/gsc	

Notes

- ¹ Some solutions require additional purchase. Learn more at hp.com/go/printingsolutions.
- ² Wireless direct printing may be added as an optional accessory. For wireless direct printing, mobile device may require an app or print software. Wireless performance is dependent on physical environment and distance from the printer.
- ³ Touch-to-print capability may be added as an optional accessory. Mobile device must support near field communications-enabled printing.
- ⁴ Solutions deployed through the Hardware Integration Pocket may require additional purchase.
- ⁵ Paper-handling options depend on the output configuration selected at time of purchase. Customer is required to select one paper-handling option upon purchase.
- ⁶ Maximum Memory can be expanded to 2 GB (System memory) by replacing standard memory module. 2 GB Memory DIMM Kit (B3G84-67909) can be purchased separately. Please visit hp.com/buy/parts for purchase options.
- ⁷ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printercclaims. Exact speed varies depending on the system configuration, software application, driver, sizes, and document complexity.
- ⁸ The HP Universal Print Driver is available for download at hp.com/go/upd.
- ⁹ Requires an Internet connection to an HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types, and other HP ePrint details, see hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades.
- ¹⁰ Supports OS X® Lion, OS X Mountain Lion, and the following devices running iOS 4.2 or later: iPad (all models), iPhone (3GS or later), and iPod touch (third generation or later). Works with HP's AirPrint™-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the United States and other countries. AirPrint™ and the AirPrint logo are trademarks of Apple Inc.
- ¹¹ HP JetAdvantage Security Manager must be purchased separately. To learn more or to obtain a trial version, please visit hp.com/go/securitymanager.
- ¹² HP Web Jetadmin is available for download at hp.com/go/webjetadmin.
- ¹³ HP Auto-On and Auto-Off Technology subject to printer and settings.
- ¹⁴ ENERGY STAR® is a registered mark owned by the U.S. government.
- ¹⁵ HP's ADF Roller Replacement Kit life specification is based on simplex, A4/letter, intermittent, four page jobs. The life/yield during normal use may vary depending on usage including environment, media, and other factors.
- ¹⁶ HP Digital Sending Software is optional and must be purchased separately.
- ¹⁷ For network-connected devices only.
- ¹⁸ Exact speed for first page out varies depending on the system configuration, software application, driver, and document complexity.
- ¹⁹ 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.
- ²⁰ Compared with products using traditional fusing.
- ²¹ Using genuine HP supplies ensures availability of all HP printing features.
- ²² Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit hp.com/go/learnaboutsupplies.
- ²³ A SpencerLab 2013 study commissioned by HP compared Original HP LaserJet toner cartridges with ten brands of non-HP cartridges sold in North America for the HP LaserJet P2035 and P1102 printers, HP 05A and 85A cartridges. For details, see spencerlab.com/reports/HP-Reliability-NA-2013.pdf.
- ²⁴ HP calculations based on results from a 2013 SpencerLab North American study comparing cartridges for the HP LaserJet P2035 and P1102 printers, HP 05A and 85A. For details, see spencerlab.com/reports/HP-Reliability-NA-2013.pdf. Calculations include paper, cartridge replacement, and labor for reprints. Page use assumes 26% external, 35% internal, and 39% individual use. Labor rate from Mercer 2012 Global Pay Study. Assumes purchase price for HP cartridge is \$176 and 40% lower purchase price for a non-HP toner cartridge. Actual prices, costs, and savings may vary.
- ²⁵ HP calculations based on results from a 2013 SpencerLab North American study (spencerlab.com/reports/HP-Reliability-NA-2013.pdf). Estimated carbon footprint calculation includes paper and printer energy use for reprints. Page use assumes 26% external, 35% internal, and 39% individual use. Actual results may vary.
- ²⁶ Please note that while your mobile device is directly connected to the printer, access to content that requires Internet support (such as web pages or documents stored in the cloud) may not be supported while in HP wireless direct mode.
- ²⁷ Mopria-certified HP printer and mobile device must be connected to the same wireless network or have a direct wireless connection. Performance is dependent on physical environment and distance from the wireless access point. Wireless operations are compatible with 2.4 GHz routers only.
- ²⁸ The HP LaserJet Enterprise M4555 MFP series, HP Color LaserJet Enterprise CM4540 MFP series, and HP Color LaserJet Enterprise CP5550 Printer series do not support the HP Jetdirect 2800w, but do support the HP 1200w Mobile Print Accessory. HP 1200w Mobile Print Accessory works with HP Officejet Mobile 100/150 printers and HP LaserJet printers and multifunction products (MFPs) introduced in 2008 or later that are equipped with a USB port.
- ²⁹ Use of the optional HP Smartcard Solution for U.S. Government may require a firmware upgrade.
- ³⁰ At time of introduction, devices are in CCC evaluation process and certification will be complete at a future date.
- ³¹ Use of the optional HP Trusted Platform Module accessory may require a firmware upgrade.
- ³² HP JetAdvantage Private Print is available only in North America and select European countries. HP JetAdvantage Private Print is available at no charge and requires the MFP be connected to the Internet. For more information see hpijetadvantage.com/ondemand.
- ³³ Buyers Laboratory LLC Solutions Report, February 2015. For details, see hp.com/go/securitymanager or buyerslab.com.
- ³⁴ Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit hp.com/go/cpc.
- ³⁵ Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit hp.com/recycle.
- ³⁶ InfoTrends, 2011 Western Europe Supplies Recycling study. Study commissioned by HP. Results based on interviews with 12 remanufacturers and brokers. For details, see hp.com/go/suppliesstudyemea.
- ³⁷ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; internet access required.
- ³⁸ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
- ³⁹ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- ⁴⁰ Windows Installer has the same Operating System support as the printer driver except the following: Windows XP® SP3+ (32-bit only), Windows Server 2003 SP2+ (32-bit only), Windows Vista Starter not supported in Driver nor Installer, HP Software Installer CD for Windows - The HP PCL 6 discrete driver and .NET 3.5 SP1 are installed for Windows operating systems along with other optional software..NET 4.0 is included in Windows 8 / Server 2012, HP Software for Mac is no longer included on the CD, but can be downloaded from hp.com. The Mac driver and Mac Utility are installed for Mac operating systems.
- ⁴¹ Acoustic values are subject to change. For current information see hp.com/support.
- ⁴² 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.
- ⁴³ HP's LaserJet 220v Maintenance/Fuser Kit life specification is based on simplex, A4/letter, intermittent, four page jobs. The life/yield during normal use may vary depending on usage including environment, media, and other factors.

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