

Product guide



Top printing performance, great value

HP LaserJet Enterprise M806 series



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Simplify 11 x 17/A3 printing without stressing the budget

Bring innovation to your office with the HP LaserJet Enterprise M806 series. Equip all departments to streamline printing tasks without breaking the budget. Give everyone in your organization the power to produce documents smoothly and quickly, using HP's top-of-the-line 11 x 17/A3 black-and-white printer. Mobile printing is simple with wireless direct printing and touch-to-print technology.^{1,2}

Who can benefit?

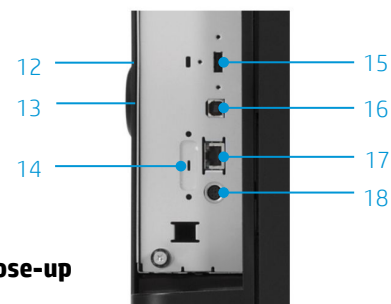
This 11 x 17/A3 black-and-white printer is ideal for workgroups looking to boost 11 x 17/A3 printing speed and capacity. Improve productivity and efficiency across your business. Empower your teams to handle even the biggest print jobs quickly—and print while on the go. This device will be right at home in your office with a user-friendly color touchscreen, up to 4,600-sheet input capacity,³ new finishing options including a stacker, stapler, and hole punch and mobile printing options. Help protect your investment with easy upgrades.



Product walk around

HP LaserJet Enterprise M806x+ shown

- 1 Intuitive 4.3 in (10.9 cm) color touchscreen control panel
- 2 500-page output bin
- 3 Hardware integration pocket (HIP) for solution integration⁴
- 4 100-sheet face-up straight-through output bin
- 5 Easy front-door access to HP all-in-one toner cartridge
- 6 Built-in automatic two-sided printing
- 7 Two 500-sheet input trays support media up to 11 x 17/A3
- 8 3,500-sheet high-capacity input tray supports letter/A4 media
- 9 Easy-access USB port to print files directly
- 10 100-sheet multipurpose tray handles media up to 58 lb bond (220 g/m²)
- 11 Right-side doors provide access for clearing jams
- 12 800 MHz processor, 1 GB standard memory
- 13 HP High-Performance Secure Hard Disk⁵
- 14 Access port for optional Kensington-style lock
- 15 USB port (for connecting third-party devices)
- 16 Hi-Speed USB 2.0 printing port
- 17 HP Jetdirect Gigabit Ethernet print server
- 18 Foreign interface harness (for connecting third-party devices)



Series at a glance



Model	M806dn	M806x+	M806x+ with NFC/Wireless direct
Part number	CZ244A	CZ245A	D7P69A
100-sheet multipurpose tray	✓	✓	✓
Two 500-sheet 11 x 17/A3 input trays	✓	✓	✓
3,500-sheet letter/A4 HCI	Not available	✓	✓
Booklet maker	Not available	Optional ⁶	Optional ⁶
Two-bin stapler/stacker	Not available	Optional ⁶	Optional ⁶
Two-bin stapler/stacker/hole punch	Not available	Optional ⁶	Optional ⁶
Touch-to-print and wireless direct mobile printing	Optional	Optional	✓
Storage	Solid State Drive	HP High-Performance Secure Hard Disk ⁵	HP High-Performance Secure Hard Disk ⁵

Top features at a glance

This HP LaserJet handles big print jobs fast, with extra-large input capacity, versatile paper-handling options, and easy mobile printing options.^{1,2} Easy upgrades help protect your investment.



Color touchscreen

Give workgroups the speed they need

- Make everyday printing tasks more efficient. Equip employees to launch jobs easily and accurately from the large 4.3-inch (10.9 cm) touchscreen.
- Print without waiting. Instant-on Technology helps your organization save time by beginning print jobs immediately from low-power mode.⁷
- Save IT time and make printing easy for the entire company by using a single driver, the Universal Print Driver (UPD), for all HP devices.⁸
- Boost productivity with extra-large input capacity and improve document output quality with versatile finishing options.



Remote printer management

Easily expand, manage, and secure

- Add security without adding employees. Apply fleet-wide policies to protect all your HP devices with the HP Imaging and Printing Security Center.⁹
- Safeguard your printer as soon as it's added to your network with HP Instant-on Security.¹⁰ The software automatically configures settings to comply with your corporate security policy.
- Your printer harbors sensitive information—make sure it's not at risk. HP High-Performance Secure Hard Disks⁵ help safeguard sensitive data to keep you worry free.
- Boost security at the device. Easily authenticate users with PIN printing options so that the right jobs end up in the right hands.
- Easily upgrade device firmware on your schedule to get new features and protect your investment. Integrate solutions or devices at will.
- Manage your entire printing environment from a single location—with HP Web Jetadmin.¹¹ Help build business efficiency and take the pain out of distance.



Mobile printing

Mobile printing options boost efficiency

- Enjoy mobile printing at a touch. Give users simple, direct access to the printer through wireless direct printing and touch-to-print technology.^{1,2}
- Let employees print from a smartphone, tablet, and Internet-connected PC from virtually anywhere,¹² and give them the power to print wirelessly from an iPad®, iPhone®, or iPod touch®.¹³
- Easily share on the network with embedded wired networking capabilities.



Auto-On/Off technology

Conserve resources without sacrificing performance

- Get up to 50% paper savings with built-in automatic two-sided printing.
- Help save energy with HP Auto-On/Auto-Off Technology.¹⁴
- Help conserve resources with a high-performing, energy-efficient HP LaserJet printer that's ENERGY STAR® certified¹⁵ and Blue Angel compliant.

Give workgroups the speed they need

Boost productivity for every workgroup. Even the biggest jobs print easily and fast, thanks to an intuitive touchscreen, extra-large input capacity, and versatile paper-handling options. Produce documents that impress with this printer's exceptional print quality.



Color touchscreen

Simplify tasks with the right touch

Enjoy the convenience of an easy to use 4.3-inch (10.9 cm) color LCD touchscreen control panel for a trouble-free user experience.

The control panel offers:

- **Adjustable tilt angle** of the touchscreen to provide convenient accessibility to all users.
- **Simple-to-use buttons and scroll bar** that allow you to navigate system defaults and customize settings for a particular job.
- **Home button** on upper left corner of the touchscreen quickly returns the touchscreen to the Home menu.
- **Sign in and Sign out button** to access secured features. Sign out lets you quickly sign out and restore all options to the default settings.
- **Easy-to-use Sleep, Network, Help, and Refresh buttons** for efficient use of your time.



Easy-access USB

Easy-access USB

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



55 ppm for letter and 56 for A4

Don't wait, just print

Save time and keep your business moving with blazing-fast single-sided and duplex print speeds up to 55 pages per minute letter (56 ppm A4)¹⁶ and first page out speeds as fast as 9.5 seconds¹⁷ from ready (letter/A4). With a recommended monthly page volume of 10,000 up to 50,000 pages,¹⁸ this printer is built to stand up to the demands of today's fast paced business environment and keep intervention rates low.

The HP LaserJet Enterprise M806 series features Instant-on Technology, enabling print jobs to begin quickly from sleep mode.⁷ Advanced 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.



Instant-on Technology

Simplicity all around

Make it easy for all to print with one common driver. The HP Universal Print Driver (UPD) enables both mobile Microsoft® device users and traditional desktop users to access the full features of nearly every HP device in your managed printing environment without the need for assistance.

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 free. 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.

Expand your options



Up to 4,600 sheets maximum input capacity



A3/tabloid support



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

With a maximum input capacity of up to 4,600 sheets,³ this printer meets the needs of your high-volume imaging and printing environment and handles large jobs efficiently. With the option to load a high volume of paper or use multiple trays for different paper types, you have the media support you need without having to reload paper as frequently.

- Choose the M806dn model for flexible 11 x 17/A3 printing, with a 1,100-sheet input capacity. The M806x+ model adds a 3,500-sheet letter/A4 high capacity input, bringing total input to 4,600 sheets and a rolling stand that enables flexible placement.
- Expand your media options. Get printing on a broad range of media types and sizes, including tabloid, letter, legal, executive, 12 x 18, A3, A4, RA3, and more.
- The multipurpose tray supports heavy custom media up to 58 lb bond (220 g/m²).
- Print two-sided documents with built-in automatic two-sided printing. Routinely printing documents on both sides virtually doubles the printer's input capacity and makes paperwork more manageable, freeing up space in your files and on your desk. Produce professional-looking documents on demand, without standing by the device and handling every page.

Add finishing touches faster

The printer comes standard with a 500-sheet top output bin and a 100-sheet face-up straight-through output bin for special media. Give your employees the tools to organize documents faster and more conveniently while increasing your maximum output capacity to 3,500 sheets with one of these optional 3,000-sheet finishing accessories:⁶

- 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 2/3 hole punch.
- The booklet maker will print, fold, and staple your project for simple and efficient booklet making.

For more information, see "Ordering information" on page 15.

Deliver reliable, consistently outstanding results

Get consistently great looking black-and-white output from the HP LaserJet Enterprise M806 series 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 printer was designed together with Original HP toner cartridges and HP papers to automatically produce exceptional quality output for your printed documents.

- HP LaserJet all-in-one print cartridges are a crucial component of the printing system.¹⁹ Standard capacity cartridges are shipped pre-installed with the printer, 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 LaserJet Enterprise M806 printer series uses the HP 25X Black LaserJet Toner Cartridge. With a large yield of 34,500 pages, you'll replace it less often, saving you time.²⁰
- HP Smart printing technology is activated every time you install an Original HP print cartridge. The HP print cartridge, printer, 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.
- Clearly labeled 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.²¹
- 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.²²
- 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.²³

Use HP SureSupply to consolidate supplies orders, helping to save money while reducing the environmental impact of packing and transporting multiple single orders.²⁴

Easily expand, manage, and secure



Built-in security
features

Help protect your printer investment and manage printing across the enterprise. As your needs change, so can your printer with easy upgrades and add-ons. Your entire printing fleet can be managed from a single location while you take comfort in robust security features. Expect high efficiency for the long term.

Safeguard your device, data, and documents with robust security features

The HP LaserJet Enterprise M806 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.

Protect your printer

As capabilities expand and devices become more integrated into your work, device security becomes increasingly important. The printer features a number of options to help secure against undesired access:

- **Authentication and authorization**—Authentication can help your organization manage user access, help secure access to management utilities, and avoid unwanted device configurations. Control access to the printer, 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,²⁵ LDAP authentication,²⁵ and user PIN authentication that integrates with your existing infrastructure.
 - **Role-based device authentication and authorization.** 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 printing 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, you can enable advanced authentication using proximity cards or smartcards. The hardware integration pocket⁴ on the control panel lets you integrate select card readers.
 - **Encrypted document authentication with HP UPD Secure Encrypted Print.**²⁶ With this solution, the user must enter a password (symmetric key) to encrypt when printing a document, and the same password to decrypt and print the document. This authentication protects the document across the entire process.
- **Physical device protection**—Both the device and the embedded HP High-Performance Secure Hard Disk⁵ can be physically secured from theft and tampering using a lock that requires a physical key for removal (this accessory must be purchased separately). In addition, host USB ports, network ports, and other physical ports can be disabled to prevent unauthorized use.

Protect your data

Your printer harbors sensitive information—make sure it's not at risk. HP offers security features at every stage in your work. An HP High-Performance Secure Hard Disk⁵ helps safeguard sensitive data sent to your printer to keep you worry free.

Protect data at rest with the following features:

- **Storage encryption**—Defend your data. The HP High-Performance Secure Hard Disk⁵ in the HP LaserJet Enterprise M806x+ provides full hardware encryption. (Select U.S. Government SKUs include a FIPS 140 validated disk.)²⁷
- **Secure Erase**—The printer 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.

Protect data in transit with these features:

- **Secure Encrypted Print with HP UPD 5.3.1 or later**—For added security, choose end-to-end Secure Encrypted Print. HP UPD is the first fleet printer driver²⁸ to provide 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.
- **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.
- **Management safeguards**—Device management data that travels over the network between the device and the HP Embedded Web Server, HP Web Jetadmin, and other management tools can also be protected using SNMPv3 and SSL/TLS.

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. The HP Access Control Pull Printing solution helps protect sensitive data by requiring authentication at the device, and gives users the flexibility pulling the documents from any device that is enabled with the solution.
- **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 printer 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, go to hp.com/large/jpg/gateway/secure-4-steps.html. For more information on HP security solutions, checklists, and assessment tools, please visit hp.com/go/secureprinting.



Safeguard your fleet of HP devices with the solution Buyers Lab, LLC calls trailblazing—HP Imaging and Printing Security Center²⁹



Rely on “the industry’s first policy-based imaging and printing compliance solution”²⁹



Remote printer management

Take the worry out of printing

Add security without adding employees. Use optional HP Imaging and Printing Security Center (IPSC), the industry’s first policy-based solution that helps you increase security, strengthen compliance, and reduce risk across your imaging and printing fleet.

- Streamline the process to securely deploy and monitor devices by applying a single security policy across the fleet.
- Easily achieve baseline security with the HP Best Practices Base Policy—no security expertise required.
- Secure new HP devices as soon as they are added to your network with HP Instant-on Security.¹⁰ The software automatically configures settings to comply with your corporate security policy.
- Actively maintain and verify compliance with your defined security policies by using HP IPSC automated monitoring and risk-based reporting.

To learn more about HP Imaging and Printing Security Center or to obtain a free 60-day trial, please visit hp.com/go/ipsc.

Device-based security management

For environments where few devices are deployed, IT may choose to manage each device individually via the HP Embedded Web Server management interface, which employs HTTPS for encryption and has access controls. In addition, HP provides security wizards to assist in proper security setup.

Change happens—you’re covered

Work with the future in mind. HP FutureSmart firmware lets you upgrade your printers and 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 M806 series—makes the user experience intuitive and familiar. To learn more about HP FutureSmart firmware, visit hp.com/go/futuresmart.

Be ready for the new—now. This printer 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 devices—providing sound investment protection, consistency for end users, and easier management. These HP innovations can help your HP LaserJet Enterprise M806 series remain state-of-the-art long into the future.

Keep a close watch, even from afar

The HP LaserJet Enterprise M806 series is supported by HP Web Jetadmin.¹¹ 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 organizations 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 organization, so you can make the most of your IT investments.
- Implement controls to prevent unnecessary color printing on color 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.

HP Web Jetadmin can benefit IT-managed print environments of all sizes, from large enterprises managing thousands of devices to small businesses with just a handful. For more information about how you can efficiently manage your entire imaging and printing fleet with HP Web Jetadmin—or to download this free software tool—visit hp.com/go/wja.

Simple one-to-one device management

The HP LaserJet Enterprise M806 series 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.



Maximize uptime

Enjoy peace of mind with legendary HP reliability

Prior to its introduction, a new HP LaserJet device undergoes rigorous HP testing to provide consistent, high-quality output. Tests are performed with a large sample of devices through 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.

This printer 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 award-winning service and support options in your region.

HP services—protect your technology investment and stay productive

Expand and extend your standard warranty with HP Care Pack services. Our range of support services provides access to experts when you need them—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 M806.³⁰

For more details, see “Ordering information” on page 15. You can also select the HP Care Pack to best meet your needs at hp.com/go/cpc.

Mobile printing options boost efficiency

Give users simple, direct access to the printer through wireless direct printing and touch-to-print technology.^{1,2}

Easily and securely print from mobile devices

It's a mobile world. Smart phones, tablets, and notebook PCs offer the flexibility to be productive at work, home, and on the go. Users want simple and 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.

Enterprise mobile printing

The HP LaserJet Enterprise M806x+ (D7P69A model) comes standard with HP wireless direct and HP touch-to-print.^{1,2} 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.¹¹

To use wireless direct printing, simply connect your mobile device to your printer 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 printer, 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.³¹

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.³²

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 about HP's enterprise mobile printing solutions at hp.com/go/businessmobileprinting.

Enable printing anytime, from virtually anywhere

Even when employees are traveling, 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.¹² And with Apple® AirPrint™, enable employees to print from an iPad®, iPhone®, or iPod touch®.¹³

Worry-free sharing

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 15.



Wireless direct



HP touch-to-print

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 printer can help you meet your energy goals, without sacrificing performance:

- **ENERGY STAR® qualified and Blue Angel compliant**—HP equipment marked with the ENERGY STAR logo is qualified 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.¹⁵ 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 printer on when you need it and off when you don't.¹⁴ You can even set custom times for your printer to turn on and off, so it's ready when you are.
- **Instant-on Technology**—HP LaserJet products with Instant-on Technology use an innovative, quick-heating fuser system that warms rapidly and cools quickly, helping you conserve energy.⁷



Auto-On/Off technology



Automatic 2-sided printing



HP Planet Partners

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 and the UPD can help cut the cost of paper consumption by setting automatic two-sided printing as the default for individual devices or entire fleets.^{8,11} This means less waste helping to save both natural and financial resources.
- Reduce your printing environmental impact with support for light-weight media printing. The HP LaserJet Enterprise M806 series is compatible with office papers as light as 16 lb bond (60 g/m²).

Reduce your impact—recycle HP cartridges

HP helps you recycle your Original HP cartridges—it's easy and free with the HP Planet Partners program, available in more than 50 countries and territories around the world.³³

- Raw material from recycled cartridges can be used to manufacture new Original HP cartridges. HP offers postage-paid recycling envelopes and labels for most 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.³³ More than 90% of ink and toner cartridges sold by remanufacturers surveyed will ultimately be thrown away.³⁴ For more information, visit hp.com/recycle.

Technical specifications

	HP LaserJet Enterprise 806dn	HP LaserJet Enterprise 806x+	HP LaserJet Enterprise M806x+ NFC/Wireless direct
Product number	CZ244A	CZ245A	D7P69A
Control panel	4.3 in (10.9 cm) color LCD with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); easy-access USB		
Print speed¹⁶	Simplex/duplex: Up to 55 ppm, letter (56 ppm, A4); up to 28 ppm, tabloid/A3		
First page out¹⁷	As fast as 9.5 seconds from ready (letter/A4)		
Print resolution	HP ProRes 1200, HP FastRes 1200 HP Ret, 600 dpi, 300 dpi		
Processor	800 MHz		
Memory	Standard: 1 GB (expandable to 1.5 GB through 1 GB industry-standard DIMM)		
Storage	Solid State Drive (minimum 8 GB volatile storage; Firmware encryption (AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure ATA Erase – 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) ¹⁸	10,000 pages to as high as 50,000 pages		
Duty cycle ³⁵	Up to 300,000 pages (letter/A4)		
Media specifications			
Input capacities	Paper capacity: up to 1,100 sheets standard Tray 1: up to 100 sheets Trays 2 and 3: up to 500 sheets	Paper capacity: up to 4,600 sheets Tray 1: up to 100 sheets Trays 2 and 3: up to 500 sheets HCl: up to 3,500 sheets	
Output media handling	500-sheet output bin, 100-sheet face-up output bin (for straight-through media path)		
Two-sided printing	Automatic standard		
Media sizes	Tray 1: letter, legal, executive, 11 x 17, 12 x 18, 8.5 x 13, envelopes (No. 10); A3, A4, A5, RA3, B4, B5, 8k, 16k, post cards (JIS double), envelopes (DL, C5, B5); Custom media sizes: 3.86 x 7.52 to 12.28 x 18.5 in (98 x 191 to 312 x 470 mm) Trays 2 and 3: letter, legal, executive, 11 x 17, 8.5 x 13; A3, A4, A5, B4, B5; Custom media sizes: 5.83 x 8.27 to 11.69 x 17.0 in (148 x 210 to 297 x 431.8 mm)		
Media weights	Tray 1: 16 to 58 lb bond (60 to 220 g/m ²); Trays 2 and 3: 16 to 53 lb bond (60 to 199 g/m ²) HCl: 16 to 53 lb bond (60 to 199 g/m ²)		
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough), labels, cardstock, 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); optional Wireless Ethernet (802.11b/g/n) Plus: near field communication and wireless direct (peer-to-peer) (installs in hardware integration pocket)		
Print languages	HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, native PDF printing (v 1.4 or higher) Plus: near field communication and wireless direct (peer-to-peer)		

	HP LaserJet Enterprise 806dn	HP LaserJet Enterprise 806x+	HP LaserJet Enterprise M806x+ NFC/Wireless direct
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		
Network protocols	IPv4/IPv6: Apple Bonjour (AirPrint) 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, ²⁵ LDAP authentication, ²⁵ 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, Secure Erase, SSL/TLS, Encrypted Credentials; Device: Security lock slot, USB port disablement, Hardware Integration Pocket for security solutions; Security Management: Compatible with HP Imaging & Printing Security Center		
Compatible operating systems³⁶	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: Air Print (http://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 (www.novell.com/iprint); 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)		
System requirements, PC	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, Operating system compatible hardware system requirements see microsoft.com		
System requirements, Macintosh	Mac OS X v10.6, OS X 10.7 Lion, OS X 10.8 Mountain Lion, CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; 1 GB of available hard-disk space; Operating system compatible hardware system requirements see apple.com		
Dimensions (width x depth x height)³⁷	Minimum: 43.3 x 25.5 x 25 in (1095 x 648 x 635 mm) Maximum: 54.7 x 25.5 x 25.8 in (1390 x 648 x 655 mm)	Minimum: 43.3 x 28.1 x 41 in (1095 x 715 x 1040 mm) Maximum: 43.3 x 28.1 x 41.9 in (1390 x 715 x 1065 mm)	
Weight (with print cartridges)	168.8 lb (76.1 kg)	239 lb (108.4 kg)	
What's in the box	HP LaserJet M806 Printer, HP Black LaserJet Toner Cartridge (~34,500 pages), ²⁰ Hardware Install Guide, Support flyer, Warranty card, Printer documentation and driver on CD-ROM, Power cord		
		Plus: 3,500-sheet HCI	Plus: 3,500-sheet HCI, Jetdirect 2800w NFC/Wireless Direct Accessory
Software included	HP PCL 6 Discrete Printer Driver, Mac SW Link to Web (Mac Installer), Windows Installer		
Warranty	One-year, onsite limited warranty, 24-hour support, 7 days a week phone support		
HP SureSupply	HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit hp.com/go/SureSupply ; only available with Original HP supplies; Internet access required.		

Environmental and power specifications

	HP LaserJet Enterprise 806dn	HP LaserJet Enterprise 806x+	HP LaserJet Enterprise M806x+ NFC/Wireless direct
Environmental ranges			
Temperatures	Operating: 50 to 91° F (10 to 32.5° C); Storage: 32 to 104° F (0 to 40°C); Recommended: 50 to 91° F (10 to 32.5° C)		
Relative humidity range	Operating: 10 to 80% RH; Non-operating: 10 to 90% RH; Recommended: 10 to 80% RH		
Acoustic power emissions³⁸			
	Ready mode: 5.4 B(A); Active printing: 7.2 B(A)		
Acoustic pressure emissions (bystander)			
	Ready mode: 37 dB(A); Active printing: 55 dB(A)		
Power specifications			
	ENERGY STAR® qualified 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 ³⁹	1000 watts (printing), 38 watts (ready), 6.5 watts (sleep 1), 2.2 watts (sleep 2), 0.3 watts (off)		
Typical Electricity Consumption (TEC)	4.0 kWh/Week		
Energy-saving features	HP Auto-On/Auto-Off Technology, 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 55024:2010; FCC Title 47 CFR, Part 15 Class A(USA); ICES-003, Issue 4 (Canada); EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries		

Ordering information

Use accessories and supplies specifically designed for the printer to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. If you don't have access to the Internet, contact your qualified HP dealer or call HP (U.S.) at (800) 282-6672.

Printer	HP LaserJet Enterprise 806dn Printer HP LaserJet Enterprise 806x+ Printer HP LaserJet Enterprise 806x+ NFC/Wireless Direct Printer	CZ244A CZ245A D7P69A
Replacement toner cartridges²⁰	HP 25X Black LaserJet Toner Cartridge (~34,500 pages)	CF325X
Accessories	HP Stapler Cartridge Refill HP 2-pack 2000-Staple Cartridge 110v Maintenance Kit 220v Maintenance Kit LaserJet Stapler/Stacker LaserJet Stapler/Stacker with 2/3 Hole Punch LaserJet Booklet Maker/Finisher HP Jetdirect 2700w USB Wireless Print Server HP Jetdirect 2800w NFC/Wireless Direct Accessory	C8091A CC383A C2H67A C2H57A CZ994A CZ995A CZ285A J8026A J8029A
HP Care Pack Services³⁰ Select the right HP Care Pack Service for your printer at hp.com/go/cpc	HP 3 year Next Business day LaserJet M806 Hardware Support HP 3 year Next Business day + Disk Media Retention LaserJet M806 Hardware Support HP 3 year 4 hour 9x5 LaserJet M806 Hardware Support HP 3 year 4 hour 13x5 LaserJet M806 Hardware Support HP 5 year Next Business day LaserJet M806 Hardware Support HP 5 year Next Business day + Disk Media Retention LaserJet M806 Hardware Support HP 1 year Post Warranty Next Business day LaserJet M806 Hardware Support HP 1 year Post Warranty Next Business day +Disk Media Retention LaserJet M806 Hardware Support	U8C50E U8C59E U8C53E U8C54E U8C52E U8C61E U8C71PE U8C75PE
Paper	North America: hp.com/go/paper	
Solutions	HP Web Jetadmin: hp.com/go/wia HP Universal Print Driver: hp.com/go/upd HP Imaging and Printing Security Center: hp.com/go/ipsc 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	

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welcome.hp.com/country/us/en/wwcontact_us.html

HP Shopping (for U.S. only)

hpshopping.com or 1-888-999-4747

Notes

- ¹ Wireless direct printing is standard in the HP LaserJet Enterprise M806x+ D7P69A, and may be added as an option to the HP LaserJet Enterprise M806dn CZ244A and M806x+ CZ245A. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see hp.com/go/wirelessprinting.
- ² Touch-to-print capability is standard in the HP LaserJet Enterprise M806x+ D7P69A model, and may be added as an option to the HP LaserJet Enterprise M806dn CZ244A and M806x+ CZ245A. Mobile device must support near field communications-enabled printing. For a list of supported devices, see hp.com/go/mobileprinting.
- ³ 4,600-sheet input capacity with 3,500-sheet HCl, standard on the HP LaserJet Enterprise M806x+ CZ245A and M806x+ D7P69A models.
- ⁴ Solutions deployed through the hardware integration pocket may require additional purchase.
- ⁵ HP High-Performance Secure Hard Disk is not available on the HP LaserJet Enterprise M806dn CZ244A.
- ⁶ HCl must be installed for use before adding a finishing accessory. 100-sheet straight-through output must be removed in order to add finishing accessory.
- ⁷ Compared with products that use traditional fusing.
- ⁸ The HP Universal Print Driver is free and available for download at hp.com/go/upd.
- ⁹ HP Imaging and Printing Security Center must be purchased separately.
- ¹⁰ HP Instant-on Security is part of HP Imaging and Printing Security Center, which must be purchased separately.
- ¹¹ HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin.
- ¹² 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.
- ¹³ 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.
- ¹⁴ HP Auto-On and Auto-Off Technology subject to printer and settings.
- ¹⁵ ENERGY STAR® is a registered mark owned by the U.S. government.
- ¹⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ¹⁷ Exact speed varies depending on the system configuration, software application, driver and document complexity.
- ¹⁸ 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.
- ¹⁹ Using genuine HP supplies ensures availability of all HP printing features.
- ²⁰ 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.
- ²¹ 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 www.spencerlab.com/reports/HP-Reliability-NA-2013.pdf.
- ²² 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 www.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 \$1.76 and 40% lower purchase price for a non-HP toner cartridge. Actual prices, costs, and savings may vary.
- ²³ HP calculations based on results from a 2013 SpencerLab North American study (www.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.
- ²⁴ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit hp.com/go/SureSupply; only available with Original HP supplies; internet access required.
- ²⁵ Requires firmware upgrade shortly after product introduction.
- ²⁶ Encrypted printing requires use of HP Universal Print Driver 5.3.1 Secure Encrypted Print feature.
- ²⁷ Available with HP LaserJet Enterprise M806x+ CZ245A #201 #AAZ FIPS 140 HDD.
- ²⁸ Based on the manufacturers' published product specifications.
- ²⁹ Buyer's Lab, Inc. Outstanding Achievement in Security Solutions award, March, 2013. For details, see hp.com/large/ipq/gateway/security_center.
- ³⁰ 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.
- ³¹ 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.
- ³² HP Jetdirect 2800w is supported by most HP LaserJet Enterprise devices with FutureSmart firmware. 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.
- ³³ 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.
- ³⁴ InfoTrends, 2011 U.S. Supplies Recycling study. Study commissioned by HP. Results based on interviews with 13 remanufacturers and brokers. For details, see hp.com/go/suppliesstudy-na.
- ³⁵ 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.
- ³⁶ 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.
- ³⁷ Face-up tray installed, control panel at 45 degrees, multipurpose tray closed.
- ³⁸ Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: x+ model with HCl, simplex printing, A4 paper at an average of 56 ppm.
- ³⁹ 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.

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