

Product guide



Top printing performance, great value

HP LaserJet Enterprise M806dn



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Simplify 11 x 17/A3 printing without stressing the 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.

Bring innovation to your office with the HP LaserJet Enterprise M806dn with HP JetAdvantage business workflow and printing solutions.¹ 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 optional wireless direct printing and touch-to-print technology.^{2,3}

Who can benefit?

This 11 x 17/A3 black-and-white printer is ideal for workgroups looking to boost 11x 17/A3 printing speed and capacity. Improve productivity and efficiency across your business. Empower your teams to handle big 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 and mobile printing options. Help protect your investment with easy upgrades.

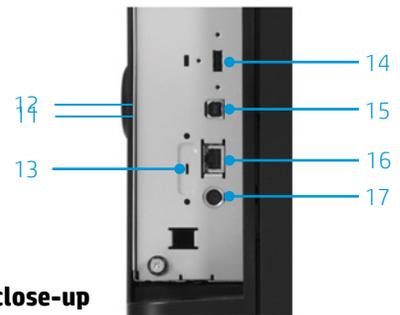


Product walk around

- 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 Easy-access USB port to print files directly
- 9 100-sheet multipurpose tray handles media up to 58 lb bond (220 g/m²)
- 10 Right-side door provides access for clearing jams
- 11 8 GB Solid State Drive
- 12 800 MHz processor, 1 GB standard memory
- 13 Access port for optional Kensington-style lock
- 14 USB port (for connecting third-party devices)
- 15 Hi-Speed USB 2.0 printing port
- 16 HP Jetdirect Gigabit Ethernet print server
- 17 Foreign interface harness (for connecting third-party devices)



Front view



Side I/O panel close-up

Top features at a glance



Color touchscreen



Remote printer management



Mobile printing



Auto-On/Off technology

This HP LaserJet handles big print jobs fast, with large input capacity, versatile paper-handling options, and easy mobile printing options.^{2,3} Easy upgrades help protect your investment.

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.⁵
- 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.⁶

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.⁷
- Safeguard your printer as soon as it's added to your network with HP Instant-on Security. The software automatically configures settings to comply with your corporate security policy.
- 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.⁸ Help build business efficiency and take the pain out of distance.

Mobile printing options boost efficiency

- Enjoy mobile printing at a touch. Give users simple, direct access to the printer 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
- Easily share on the network with embedded wired networking capabilities.

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.¹¹
- Help conserve resources with a high-performing, energy-efficient HP LaserJet printer that's ENERGY STAR® certified¹² and Blue Angel compliant.

Give workgroups the speed they need



Color touchscreen

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

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).



56 ppm for A4 and 55 for letter

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)¹³ and first page out speeds as fast as 9.5 seconds¹⁴ from ready (letter/A4). With a recommended monthly page volume of 10,000 up to 50,000 pages,¹⁵ this printer is built to stand up to the demands of today's fast paced business environment and keep intervention rates low.



Instant-on Technology

The HP LaserJet Enterprise M806dn features Instant-on Technology, enabling print jobs to begin quickly from sleep mode⁵ 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.

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® 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

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.

- The printer offers flexible 11 x 17/A3 printing, with a 1,100-sheet input capacity.
- 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.



A3/tabloid support

Deliver reliable, consistently outstanding results

Get consistently great looking black-and-white output from the HP LaserJet Enterprise M806dn 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.¹⁶ 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 M806dn 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.¹⁷
- 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.¹⁸
- 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.¹⁹
- 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.²⁰

Use HP SureSupply to consolidate supplies orders, helping to save money while reducing the environmental impact of packing and transporting multiple single orders.²¹

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 with HP JetAdvantage Management Solutions. Safeguard sensitive data with a full suite of top-tier, embedded and optional HP JetAdvantage security features and solutions.

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

The HP LaserJet Enterprise M806dn 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 PIN printing options.

Protect your printer

As capabilities expand and devices become more integrated into your work, device security becomes increasingly important. The M806dn features a number of options to protect the printer:

- **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 unauthorized use.
- **CA & Device Identity Certificates**—This printer supports identity certificates signed by a corporate certificate authority, which provides verification of identity and authenticity. This printer 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 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,²² LDAP authentication,²² and user PIN authentication that integrates with your existing infrastructure.
 - **Role-based device authentication and authorization 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 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 Solutions for U.S. Government,²³ you can enable advanced authentication using proximity cards or smartcards. The Hardware Integration Pocket⁴ on the control panel lets you integrate select card readers.

- **Physical device protection**—The device 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 recognized 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.

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.

Protect data at rest with the following features:

- **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.
- **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.²³

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.⁶
- **Management safeguards**—Device management data that travels over the network between the device and HP Web Jetadmin and other management tools can also be protected 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 14.

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**—Have documents 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. 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 printer and printed on plain paper by using the optional HP and TROY Secure Document Printing solution.

Resources

HP JetAdvantage Security Solutions:

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

HP Imaging and Printing Security Center:

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

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 Imaging and Printing Security Center

Apply efficient, fleet-wide security policies to protect all your HP print devices with optional HP Imaging and Printing Security Center (IPSC).

- 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 IPSC 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 IPSC'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 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.

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 analyzed, 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.

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 M806dn—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 M806dn remain state-of-the-art long into the future.



Safeguard your fleet of HP devices with the solution Buyers Lab, LLC calls trailblazing—HP Imaging and Printing Security Center²⁴



Remote printer management

Resources

HP Web Jetadmin:

- Web site: hp.com/go/wia
- Solution brief: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-2718ENW.pdf>
- Video: <http://h20621.www2.hp.com/video-gallery/us/en/ssss/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/4AA2-4781ENW>

Keep a close watch, even from afar

The HP LaserJet Enterprise M806dn is supported by HP Web Jetadmin, an HP JetAdvantage Management Solution.⁸ 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/wia.

Simple one-to-one device management

The HP LaserJet Enterprise M806dn 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

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.



Maximize uptime

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 M806.²⁵

For more details, see “Ordering information” on page 19. 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 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 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 a variety of options for mobile printing. 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



Touch-to-print

Mopria certified

Enable easy mobile printing between Mopria-certified mobile devices and printers—like the HP LaserJet Enterprise M806 series—without the need for a special app or software. Learn more at mopria.org.²⁶

Enterprise mobile printing

Easily add HP wireless direct and HP touch-to-print to the HP LaserJet Enterprise M806dn with the Jetdirect 2800w NFC/Wireless Direct accessory, which installs in the Hardware Integration Pocket. 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.⁸

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, users will first need to download the HP ePrint app or HP ePrint software.²⁷

You can add wireless direct and touch-to-print across your existing HP devices with either the HP Jetdirect 2800w, or with the HP NFC/Wireless 1200w Mobile Print Accessory, via USB.²⁸

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.⁹ And with Apple AirPrint, you can enable employees to print from an iPad, iPhone, or iPod touch.

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 19.

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 certified 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.¹² 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.¹¹ 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.⁵



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.^{6,8} 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 M806dn 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.²⁹

- 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.²⁹ According to a 2012 study, 98% of ink and toner cartridges sold by remanufacturers surveyed will ultimately be thrown away.³⁰ For more information, visit hp.com/recycle.

Technical specifications

HP LaserJet Enterprise 806dn

Product number	CZ244A
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 speed¹³	Simplex/duplex: Up to 55 ppm, letter (56 ppm, A4); up to 28 ppm, tabloid/A3
First page out¹⁴	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)
Durability ratings	
RMPV (recommended monthly page volume) ¹⁵	10,000 pages to as high as 50,000 pages
Duty cycle ³¹	Up to 300,000 pages (letter/A4)
Media specifications	
Input capacities	Paper capacity: up to 1,100 sheets Tray 1: up to 100 sheets Trays 2 and 3: up to 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)
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)
Mobile printing	HP ePrint, Apple AirPrint, Mobile apps, Mopria certified; optional: NFC touch-to-print and wireless direct
Print 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
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)

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Security	Identity Management: Kerberos authentication, ²² LDAP authentication, ²² 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 systems³²	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 (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/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)³³	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)
Weight (with print cartridges)	168.8 lb (76.1 kg)
What's in the box	HP LaserJet M806 Printer, HP Black LaserJet Toner Cartridge (~34,500 pages), ¹⁷ Hardware Install Guide, Support flyer, Warranty card, Printer documentation and driver on CD-ROM, Power cord, USB cable (Brazil only)
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

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 emissions³⁴	
	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 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 ³⁵	1000 watts (printing), 38 watts (ready), 6.5 watts (sleep1), 2.2 watts (sleep 2), 0.3 watts (off)
Typical Electricity Consumption (TEC)	4.59 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. 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.

Printer	HP LaserJet Enterprise 806dn Printer	CZ244A
Replacement toner cartridges	HP 25X Black LaserJet Toner Cartridge (~34,500 pages) ¹⁷	CF325X
Accessories	110v Maintenance Kit	C2H67A
	220v Maintenance Kit	C2H57A
	HP Jetdirect 2700w USB Wireless Print Server	J8026A
	HP Jetdirect 2800w NFC/Wireless Direct Accessory	J8029A
HP Care Pack Services²⁵	HP 3 year Next Business day LaserJet M806 Hardware Support	U8C50E
Select the right HP Care Pack Service for your printer at hp.com/go/cpc	HP 3 year Next Business day + Disk Media Retention LaserJet M806 Hardware Support	U8C59E
	HP 3 year 4 hour 9x5 LaserJet M806 Hardware Support	U8C53E
	HP 3 year 4 hour 13x5 LaserJet M806 Hardware Support	U8C54E
	HP 5 year Next Business day LaserJet M806 Hardware Support	U8C52E
	HP 5 year Next Business day + Disk Media Retention LaserJet M806 Hardware Support	U8C61E
	HP 1 year Post Warranty Next Business day LaserJet M806 Hardware Support	U8C71PE
	HP 1 year Post Warranty Next Business day +Disk Media Retention LaserJet M806 Hardware Support	U8C75PE
Paper	Latin America: contact HP via phone: USA: 1-800-477-5010, Europe: +800 7644 7644, Asia: 65-6253-8500 Australia/New Zealand: 61-2997-2299LAR, Brasil: sac 0800 70 300 70	
Solutions	HP Web Jetadmin: hp.com/go/wja 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/qsc	

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 to the HP LaserJet Enterprise M806dn. 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.

³ Touch-to-print capability may be added as an optional accessory to the HP LaserJet Enterprise M806dn. Mobile device must support near field communications-enabled printing. For a list of supported devices, see hp.com/go/mobileprinting.

⁴ Solutions deployed through the Hardware Integration Pocket may require additional purchase.

⁵ Compared with products that use traditional fusing.

⁶ The HP Universal Print Driver is free and available for download at hp.com/go/upd.

⁷ HP Imaging and Printing Security Center must be purchased separately.

⁸ HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin.

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 hp.com/go/eprint). 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 Auto-On and Auto-Off Technology subject to printer and settings.

¹² ENERGY STAR is a registered mark owned by the U.S. government.

¹³ 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, sizes, and document complexity.

¹⁴ Exact speed varies depending on the system configuration, software application, driver and document complexity.

¹⁵ 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.

¹⁶ Using genuine HP supplies ensures availability of all HP printing features.

¹⁷ 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/learnaboutesupplies.

¹⁸ 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.

¹⁹ 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.

²⁰ 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.

²¹ 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.

²² Requires firmware upgrade shortly after product introduction.

²³ Use of the optional HP Smartcard Solution for U.S. Government or the optional HP Trusted Platform Module accessory may require a firmware upgrade.

²⁴ Buyer's Lab, Inc. Outstanding Achievement in Security Solutions award, Winter, 2013. For details, see hp.com/go/ipsc and buyerslab.com/Solutions/News/January-2013/BLI-Honors-HP-with-Winter-2013-OA-Award.

²⁵ 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.

²⁶ 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.

²⁷ 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.

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 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.

³⁰ InfoTrends, 2012 L.A. Supplies Recycling study, commissioned by HP. Results based on interviews with 22 remanufacturers, 20 refillers in BR, MX, AR, CO. For details, see hp.com/go/suppliesstudy-la.

³¹ 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.

³² 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.

³³ Face-up tray installed, control panel at 45 degrees, multipurpose tray closed.

³⁴ 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.

³⁵ 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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