

# HP LaserJet M3027 MFP series

M3027 • M3027x



The HP LaserJet M3027 MFP series boosts productivity while preserving your budget with the key functions your workteam needs in a simple and reliable package.

## Increases productivity

- **See positive results** when you consolidate print, copy, fax,<sup>1</sup> and send-to-e-mail functionality in one compact device that can be put just where your workteam needs it.
- **Get more done in less time.** The MFP delivers print and copy speeds of up to 27 pages per minute (ppm) letter and a first page out in under 10 seconds with Instant-on Technology. The unique HP toner formula is engineered to deliver consistent, great-looking documents at fast speeds.
- **Scan and send your documents via e-mail.** Get the digital sending features most suited to your office needs with convenient send-to-e-mail, simple address storage, and PIN authentication for added security.<sup>2</sup>
- **Reduce interruptions.** Reloading paper can steal your time and interrupt your work momentum. The MFP supports up to 1,100 sheets with a 100-sheet multipurpose tray and two 500-sheet trays.<sup>3</sup>
- **Automatic two-sided printing and copying conserves paper and saves time.**<sup>1</sup> The device also includes a 50-sheet reversing automatic document feeder (ADF) for effortless copying and scanning of multi-page documents.

## Easy to use

- **Experience simple, dependable networking.** The MFP features IPv6-ready<sup>4</sup> best-in-class networking and management tools via the HP Jetdirect Fast Ethernet embedded print server. Information on the network can be transferred quickly and reliably for increased workteam and IT efficiency.

- **Reduce training and eliminate frustration.** A radically simple control panel pulls all the functions of this MFP together with familiar Windows® emulation icons, automatic navigation, installation wizards, and help screens.

## World-renowned HP quality

- **Expect consistency.** Original HP cartridges are carefully designed with HP Smart printing technology<sup>5</sup> to automatically optimize print quality and consistency throughout cartridge life, provide pages-remaining data and alerts when supplies run low, and facilitate convenient supplies reordering through HP SureSupply.<sup>6</sup> Comprising up to 70% of the device's printing system, each print cartridge replacement refreshes the whole MFP.
- **Eliminate the bottleneck.** Complex jobs are not a problem with a 400 MHz processor and 256 MB of memory (expandable up to 512 MB on both models). Plus, a quick return to the application after printing means increased uptime.
- **Rely on flexible printing.** The HP LaserJet M3027 MFP series uses industry-standard HP PCL5 and HP PCL6 to reliably process and deliver your most complex documents. HP postscript level 3 emulation adds the flexibility you need to print image-heavy jobs.

HP printing and imaging systems help you create powerful, professional communications easily. HP multifunction products, supplies, accessories, and services are designed together to work together and are invented to meet your business needs.

<sup>1</sup> Fax functionality and automatic two-sided printing come standard on the M3027x only and cannot be added to the M3027 as an accessory.

<sup>2</sup> Digital sending features are not upgradeable for the HP LaserJet M3027 MFP series.

<sup>3</sup> The extra 500-sheet input tray is an optional accessory for both models and is not included, sold separately.

<sup>4</sup> IPv6 is only supported with Microsoft® Server 2003 and Windows XP® (print only).

<sup>5</sup> Using genuine HP supplies ensures availability of all HP printing features.

<sup>6</sup> For more information, visit [www.hp.com/learn/suresupply](http://www.hp.com/learn/suresupply).



# HP LaserJet M3027 MFP series

HP LaserJet M3027x MFP shown

- 1 50-sheet automatic document feeder (ADF) automatically scans two-sided documents in full color
- 2 Easy-to-use touch-screen control panel with 13-key number pad provides effortless device interaction
- 3 250-sheet output bin
- 4 Front door print cartridge access
- 5 100-sheet multipurpose tray handles heavy custom paper up to 53 lb (199 g/m<sup>2</sup>)
- 6 Automatic two-sided printing (M3027x only)
- 7 Adjustable 500-sheet input tray 2
- 8 RJ-11 fax port
- 9 HP Jetdirect Fast Ethernet embedded print server (RJ-45 network port)
- 10 Foreign interface harness (FIH)
- 11 Host USB port
- 12 Hi-Speed USB 2.0 port for direct connection
- 13 256 MB total memory and a powerful 400 MHz processor perform complex tasks quickly
- 14 Open EIO slot for additional functionality
- 15 40 GB built-in hard disk for effective private printing and job storage
- 16 Rear door opens for straight-through paper path output



## Series at a glance



**HP LaserJet M3027 MFP (CB416A)**

Base model:

- HP Jetdirect Fast Ethernet embedded print server
- 256 MB total memory and a 400 MHz processor
- 40 GB built-in hard disk
- 50-sheet ADF automatically scans two-sided documents
- 100-sheet multipurpose tray and a 500-sheet input tray 2 for a 600-sheet input capacity



**HP LaserJet M3027x MFP (CB417A)**

All the features of the base model, plus:

- Analog faxing
- Automatic two-sided printing and copying

Simplicity, convenience, and outstanding support make the HP LaserJet M3027 MFP series the perfect choice for small workteams with no time to worry about device management.



## Radically simple

HP completely redefines the term usability with its new, radically simple user interface.

- Easily take advantage of your MFP's complete feature set with an intuitive control panel that clearly displays all available applications. Getting around is a snap with familiar Windows emulation icons, automatic navigation that visually walks you through troubleshooting, and installation wizards that assist with setup.
- The control panel's unique touch-screen graphical display offers all the features you expect from a standard photocopier (as well as optional faxing, scanning, digital sending to e-mail, and printing).
- A built-in Help system explains how to use each screen: just touch the Help button (?) in the upper-right corner of the screen. You can search for specific topics and view explanations of the settings available for an individual job.
- Just like your coffee maker, the Automatic Printer Wakeup feature allows you to set your MFP to be warmed up and ready first thing in the morning.

## HP service and support

HP's award-winning customer service and support backs every MFP with a one-year limited warranty, knowledgeable online support available 24/7 at [www.hp.com/support](http://www.hp.com/support), and easy-to-access phone support provided by HP trained agents. Plus, you can enhance your warranty protection with the purchase of affordable HP Care Pack Services.

## 100 million HP LaserJets shipped

No one has supplied more printers to more people than HP. For more than 20 years, HP has introduced innovative laser printing products. And now, HP celebrates shipment of the 100 millionth HP LaserJet printer. HP printers offer proven reliability, award-winning service and support, and the broadest portfolio of printing solutions in the industry. Count on the legendary quality of HP LaserJet printers.

## Saves valuable time

The HP LaserJet M3027 MFP series is designed to save you time and effort with powerful management tools and convenient, thoughtful features:

- **The HP Embedded Web Server** provides a universal interface to the device that anyone with a network-connected PC and a standard Web browser can easily access. It requires no special software to install or configure. The HP Embedded Web Server allows you to check status information, change settings, set up job tracking and accounting, and facilitates convenient supplies reordering.
- **HP Web Jetadmin** is a simple, Web-based peripheral management utility for remotely installing, configuring, and managing a wide variety of HP and non-HP network peripherals. Through a standard Web browser, you can manage supplies, configure devices, conduct remote diagnostics, set up automatic e-mail alerts, and solve potential problems before they impact user productivity.
- **The HP Universal Print Driver Series for Windows** can alleviate administration headaches with a single, intelligent driver that replaces individual drivers for most HP networked devices.<sup>7</sup> For more information, go to [www.hp.com/go/universalprintdriver](http://www.hp.com/go/universalprintdriver).
- **Automatic Printer Wakeup.** A coffee maker can be set to start up automatically in the morning, so why not your MFP? With Automatic Printer Wakeup, you can be the first one in the office and your MFP will be warmed up and ready for business.
- **Built-in hard drive.** HP's world-class designers have thought through all the details and included a 40 GB built-in hard drive on both models, which provides a virtual mailbox to keep sensitive documents confidential, proof a document before releasing the remaining copies, and store frequently printed jobs for easy retrieval, such as expense reports or invoices.

<sup>7</sup> The HP Universal Print Driver comes on a CD with the MFP.

# HP LaserJet M3027 MFP series

Technical specifications	HP LaserJet M3027 MFP (CB416A)	HP LaserJet M3027x MFP (CB417A)
<b>Print and copy speed<sup>8</sup></b>	Up to 27 ppm letter <sup>9</sup>	
<b>First page out</b>	Less than 10 seconds	
<b>Print resolution</b>	FastRes 1200, ProRes 1200 (1200 by 1200 dpi), REt (Resolution Enhancement technology)	
<b>Features</b>		
Copying	Up to 1000 multiple copies, reduce/enlarge from 25 to 400% (from scanner glass), two-sided copying (M3027x only), contrast adjustments, mixed originals, image adjustment, paper selection, content orientation, pages per sheet, booklet format, optimize text/picture, job build, edge to edge	
Scanning	Color flatbed scanner or ADF; scan input modes: front-panel scan, copy, fax (optional), e-mail; file types: PDF, JPG, TIFF, MTIFF	
Faxing	Not available	Up to 33.6 kbps, auto fax reduction, fax forwarding, fax polling, broadcasting to up to 100 locations, speed dial (up to 100 lists), junk barrier, remote retrieval capability, auto redialing, Windows faxing supported
Digital sending	Send to e-mail; file formats: PDF, JPG, TIFF, MTIFF	
<b>Processor</b>	400 MHz	
<b>Memory/storage</b>	256 MB DDR RAM (fixed), expandable to 512 MB via one open 100-pin DDR DIMM slot; Memory Enhancement technology (MET); 40 GB hard disk	
<b>Durability ratings</b>	Recommended monthly page volume <sup>10</sup> : 2,000 to 6,000 pages Duty cycle <sup>11</sup> : up to 75,000 pages per month	
<b>Paper</b>		
Handling	100-sheet multipurpose tray 1, 500-sheet input tray 2, 50-sheet two-sided reversing automatic document feeder (ADF); 250-sheet output bin	
Two-sided printing	Manual	Automatic
Sizes	Multipurpose tray 1: 3 by 5 in (76 by 127 mm) to 8.5 by 14 in (216 by 356 mm); letter, legal, executive, envelopes; 500-sheet tray 2: 5.8 by 8.3 in (148 by 210 mm) to 8.5 by 14 in (216 by 356 mm); letter, legal, executive; Flatbed scanner: up to 8.5 by 11 in (216 by 279 mm); automatic two-sided printing unit: letter, legal; ADF: letter, legal, executive, custom	
Weights	Multipurpose tray 1 (straight-through paper path for special paper): 16 to 53 lb (60 to 199 g/m <sup>2</sup> ); trays 2 and 3: 16 to 32 lb (60 to 120 g/m <sup>2</sup> ); ADF: 16 to 28 lb (60 to 105 g/m <sup>2</sup> )	
Types	Paper (plain, printed, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, card stock	
<b>Connectivity</b>		
Interfaces	One HP Jetdirect Fast Ethernet embedded print server, one Foreign Interface Harness (FIH) port, one USB type A port for adding accessories, one USB type B port for printing, one open EIO slot	One HP Jetdirect Fast Ethernet embedded print server, one Foreign Interface Harness (FIH) port, one USB type A port for adding accessories, one USB type B port for printing, one open EIO slot; one analog fax port
Languages and fonts	HP PCL6, HP PCL5, HP postscript level 3 emulation, PDF printing (v 1.4); 80 scalable TrueType fonts	
Operating systems	Full software installation: Windows XP® (32-bit), Windows Server 2003 (32-bit), Windows 2000; printer driver only: Windows XP (64-bit) (Web only); Windows Server 2003 (64-bit) (Web only); Linux (Web only); UNIX model scripts (Web only); Mac OS X v10.2.8, v10.3, v10.4 and later	
Network protocols	IPv6: <sup>12</sup> DHCPv6, HTTP, HTTPS, Port 9100, LPD, IIP, Secure IIP, MLDv6, ICMPv6 IPv4: FTP, IPP, Secure IPP, Auto-IP, Apple Bonjour Compatible, Telnet, SLP, IGMPv2, BOOTP/DHCP, WINS, SNMPv1/v2c/v3, TFTP, HTTP, HTTPS, Port9100, LPD Other: IPX/SPX, DLC, LLC, AppleTalk, Netware NDS, Binary, NCP	
<b>Security</b>	Private print, HP Secure Storage Erase, PIN authentication, HP Jetdirect - 802.1x for Wired Networks, SNMPv3 and HTTPS, and Secure IPP (IPP-S) and IPsec <sup>11</sup>	
<b>Dimensions (W by D by H)</b>	16.8 by 15.7 by 20.9 in (426 by 485 by 530 mm)	
<b>Weight</b>	60.6 lb (27.49 kg)	60.9 lb (27.62 kg)
<b>What's in the box</b>	Both models include: print cartridge, support flyer, power cord, control panel overlays, software/documentation CD, Getting Started Guide, wall poster Also includes: HP LaserJet M3027 MFP	
		Also includes: HP LaserJet M3027x MFP (with two-sided printing, analog fax), phone cord

<b>Recommended temperature</b>	63 to 77 degrees F (17.5 to 25.0 degrees C)
<b>Storage temperature</b>	-4 to 104 degrees F (-20 to 40 degrees C)
<b>Recommended relative humidity</b>	30 to 70 percent, non-condensing
<b>Sound power<sup>13</sup></b>	Active: 6.5 B(A) printing; 6.8 B(A) copying; Ready: inaudible
<b>Bystander sound pressure<sup>13</sup></b>	Active: 56 dB(A) printing; 54 dB(A) copying; Ready: inaudible
<b>Power specifications</b>	110-volt models: 110 to 127 VAC (±10 percent), 60 Hz (±2 Hz), 7.5 amp 220-volt models: 220 to 240 VAC (±10 percent), 50 Hz (±2 Hz), 4.5 amp
<b>Power consumption<sup>14</sup></b>	<b>Energy Star®</b> Printing: 610 watts      Ready: 28.5 watts      Off: 0.1 watts Copying: 620 watts      Sleep: 24.0 watts Typical Electricity Consumption (TEC): 5.224 kWh/Week Canada (cUL-CAN/CSA C22.2 No.60950-1-03), USA (UL/UL 60950-1; FDA-21 CFR Chapter 1 Subchapter J for lasers). Class 1 Laser/LED Product.
<b>Safety certifications</b>	CISPR 22:1993 / EN 55022:1994 Class A, EN 61000-3-2:2000, EN 61000-3-3:1995, EN 55024:1998, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 4 / GB9254-1998, GB17625.1-2003, EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly TBR-21:1998; EG 201 121:1998, FCC Part 68, Industry Canada CS03, NOM-151-SCTI-1999 (Mexico)
<b>Telecom</b>	One-year on-site warranty; 24-hour, 7 days a week phone support To learn more, please visit <a href="http://www.hp.com/go/SureSupply">www.hp.com/go/SureSupply</a>
<b>Warranty</b>	
<b>HP SureSupply enabled</b>	

<sup>8</sup> Exact speed varies depending on the system configuration, software program, and document complexity.

<sup>9</sup> Speed specifications have been updated to reflect current industry testing methods.

<sup>10</sup> HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>11</sup> 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.

<sup>12</sup> IPv6 is only supported with Microsoft® Server 2003 and Windows XP® (print only).

<sup>13</sup> Configuration tested: base model, simplex printing, A4 paper at an average of 25 ppm; copying at 25 ppm with ADF running.

<sup>14</sup> 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.

<sup>15</sup> Declared yield value in accordance with ISO/IEC 19752. For more information, visit [www.hp.com/go/pageyield](http://www.hp.com/go/pageyield).



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Printed in the U.S.A.

## Ordering information

<b>HP LaserJet M3027 MFP</b>	CB416A
<b>HP LaserJet M3027 MFPx</b>	CB417A
<b>Paper handling</b>	
500-sheet input tray 3	Q7817A
<b>HP print cartridges</b>	
HP LaserJet Black Print Cartridge with Smart Printing Technology. Average cartridge yield 6,500 standard pages <sup>15</sup>	Q7551A
HP LaserJet Black Print Cartridge with Smart Printing Technology. Average cartridge yield 13,000 standard pages <sup>15</sup>	Q7551X
<b>Memory/storage</b>	
128 MB 100-pin DDR DIMM	Q7718A
256 MB 100-pin DDR DIMM	Q7719A
HP EIO serial ATA high performance hard disk	J7989G
<b>Connectivity</b>	
HP Jetdirect 625n Gigabit Ethernet internal print server	J7960G
HP Jetdirect 635n IPv6/IPsec internal print server	J7961G
HP Jetdirect ew2400 external Fast Ethernet wired and wireless 802.11g print server	J7951G
HP 1284B parallel card	J7972G
USB cable, 2-meter	C6518A
<b>Service and support</b>	
3-year next business day hardware support	UF005E
4-year next business day hardware support	UF006E
5-year next business day hardware support	UF007E
3-year 4 hour response 9x5 hardware support	UF008E
4-year 4 hour response 9x5 hardware support	UF009E
5-year 4 hour response 9x5 hardware support	UF0010E
3-year 4 hour response 13x5 hardware support	UF0011E
4-year 4 hour response 13x5 hardware support	UF0012E
5-year 4 hour response 13x5 hardware support	UF0013E
1-year post-warranty 4 hour response 9x5 hardware support	UF0014E
1-year post-warranty 4 hour response 13x5 hardware support	UF0015E
1-year post warranty next business day hardware support	UF0016PE
Install mid-range LaserJet MFP service	U2009E
Network install mid-range LaserJet MFP service	U2010E
<b>Extended warranty options:</b> <a href="http://www.hp.com/support">www.hp.com/support</a>	
<b>Paper</b>	
<a href="http://www.hp.com/go/paper">www.hp.com/go/paper</a>	USA: 1-800-477-5010

For more information visit our website at [www.hp.com](http://www.hp.com)

4AA0-6842ENUC, 09/2006, Rev. 2.2

