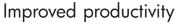# HP LaserJet 4100mfp and 4101mfp

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Streamline your day-to-day business operations by providing workgroups with printing, copying, color scanning, digital sending and faxing capabilities in a single device.

Improved productivity

- **Increase your ability to multi-task.** Workgroups get reliable, efficient printing, walk-up copying, color scanning, optional digital sending, and analog faxing (standard on the 4101mfp model) in a wide variety of operating systems including Windows®, Macintosh and Linux®.

- **Fast accurate communications and enhanced productivity.** Rely on automated integration of paper-based documents into key business processes through send-to-email and color scanning; optional digital sending capabilities enable sending to Internet fax servers, network folders and desktop applications.

- **Less user intervention.** With a 150,000 page-per-month duty cycle, standard 600-sheet input capacity (1,100 sheets for 4101mfp model; upgradeable to 1,600 sheets), a 30-sheet automatic document feeder (ADF) and optional automatic duplexer unit (standard on 4101mfp model), employees will spend less time having to interact with the printer.

HP LaserJet compatibility, simplicity and reliability

- **Benefit from proven HP LaserJet technology.** Realize printing and copying speeds up to 25 pages per minute due to a 250 MHz processor, 64 MB RAM and 10 GB hard disk, plus up to 1200 dpi laser output and 600 dpi color scanning.

- **Intuitive control panel.** Configure your MFP, monitor status, copy, scan and send-to e-mail from the easy-to-use keyboard and numeric keypad control panel.

- **Best-in-class networking.** The HP Jetdirect 615n print server connects the MFP to a 10/100Base-TX network on almost any network operating system and provides data throughput of up to 4.5 MB per second with remote management, proactive alerts and your choice of Internet, LAN and wireless connections.

Internet-enabled

- **Managing your network has never been easier.** HP Web Jetadmin, an embedded web server, embedded virtual machine and other analysis systems put you in control.

- **Remote printer management and configuration options.** Reduce the time spent discovering and resolving printing issues with e-mail alerts that inform network managers and/or users of problems when they happen from any Internet-connected PC through Netscape and Microsoft® browsers.

- **Smart printing system.** The HP Smart printing supplies[1] system automatically manages the level and usage of installed supplies, provides notification of supplies status, and connects to convenient links for online supplies ordering.

[1] Using genuine HP supplies ensures availability of all HP printing features.

hp ®
invent

HP LaserJet 4100mfp and 4101mfp

1. 30-sheet automatic document feeder

2. Scanner—scan and copy at 600 x 600 ppi optical resolution

3. Control panel—graphical display with navigation buttons, keypad, keyboard and status LCDs provides intuitive access to a comprehensive feature set

4. 100-sheet multipurpose tray— perfect for envelopes and special media types

5. 500-sheet paper tray— handles executive, letter, legal, A4, A5, B5 and custom sizes

6. Up to two optional 500-sheet paper trays—use multiple paper types without changing trays (1,600-sheet maximum input capacity)

Memory expansion slots— expandable to 256 MB

Automatic duplexer unit— saves paper and money by allowing you to print on both sides of a page (optional on the 4100mfp model)

Embedded web server provides remote device management updates and e-mail alerts

HP LaserJet 4101mfp model shown

Accessories

- **Up to two additional 500-sheet input paper trays**—can handle big jobs with less user intervention

- **Automatic duplexer unit**—saves money with less paper usage and fewer pages to store (standard on the 4101mfp model)

- **75-envelope power feeder**—allows mail programs to automatically print

- **Additional memory DIMMs/font DIMMs**—expands to meet your growing business needs

- **HP Digital Sending Software v3.0**—fast accurate communications that are less expensive and more secure than analog fax or courier

- **Alternate HP Jetdirect print servers**—award-winning HP wired or wireless networking that fits virtually any network environment

- **Maintenance, service and HP Care Packs**—keeps you up and running and supports your productivity

- **HP MFP analog fax option**—attaches to printer and parallel port and integrates into printer's digital sending menus (standard on the 4101mfp model)

A fully integrated solution for dynamic business workgroups effectively replaces separate devices that print, copy, color scan, digital send and fax.

Return on investment

HP multifunction products are 20–40% less expensive than the combined costs of single-function products plus they require 40–50% less floor space than the full complement of single function products. And the cost savings don't stop there—the HP LaserJet 4100mfp series simplifies your office environment by allowing you to manage, support and service fewer devices, while reducing your outsourcing costs by bringing document production in-house. Now you can print, copy, scan, fax and digitally send documents with one reliable device (faxing is standard on 4101mfp model).

Print

The HP LaserJet 4100mfp series offers high-quality, monochrome, network laser printing. It delivers the highest value for the lowest cost in its class—with speed, high-paper capacity, compatibility with your wired or wireless network environment, and the proven reliability of an HP LaserJet. For users who need to print while on the go, HP Mobile Printing for Notebooks, a free software download at http://www.hp.com/go/mobileprintingdriver, makes printing from your laptop as easy and convenient as traditional desktop printing. With only a few simple steps, users can connect to nearby printers within their company intranet and enjoy full-featured, high-quality printing.

Copy

With a 30-sheet automatic document feeder, a copy speed of up to 25 pages per minute (letter), and color scanning with electronic collation, walk-up copying of documents on the HP LaserJet 4100mfp series is simple and fast.

Digital send

Leverage the power of the Internet with the digital sending features of the HP LaserJet 4100mfp series. Convert paper documents to PDF, JPEG and TIFF e-mail attachments and send to any e-mail address in the world in a few easy steps. Optional digital sending software enables additional functionality such as user authentication and send to LAN and Internet fax servers, network folders and workflow applications. Once you discover the benefits of digital sending, you may never use an analog fax again.

Smart components

The HP Smart printing supplies[1] system is activated every time you put an HP Smart print cartridge[1] into your HP LaserJet 4100mfp. Each HP Smart print cartridge[1] features its own Smart chip. This chip helps measure and report toner levels and provides usage information. The HP Smart print cartridge[1], MFP and software are designed to work together—allowing you to monitor your current supplies, order new supplies and print successfully every time.

Automatic e-mail alerts

The HP LaserJet 4100mfp series can be programmed to send preconfigured notifications of device problems via e-mail to designated recipients on the network. For example, the MFP can send a supplies alert, permitting a new HP Smart print cartridge[1] to be acquired in a timely manner to prevent unnecessary downtime. Or the e-mail notice can provide a hot link for ordering supplies via the Internet.

Management

The HP LaserJet 4100mfp series incorporates sophisticated hardware and software features to make device management scalable to meet your business needs—from a critical single device to your complete network of connected peripherals:

- The HP embedded web server provides direct access to the HP LaserJet 4100mfp series on the network and allows full control to remotely configure device settings and e-mail alerts, monitor status and diagnose device problems.

- HP Web Jetadmin enables remote installation, configuration, diagnostics and proactive management for all your network peripherals from a common web browser.

- Device problems can be resolved quickly with direct access to targeted self-help information via the web.

Installation and support options

The HP Installation Packages give you worry-free, turnkey solutions for your printing needs, guaranteed to help you get the most out of your printer.

[1] Using genuine HP supplies ensures availability of all HP printing features.

HP LaserJet 4100mfp and 4101mfp

Technical specifications	HP LaserJet 4100mfp (Product number: C9148A)	HP LaserJet 4101mfp (Product number: C9149A)
Printer		
Resolution	HP ProRes 1200 (1200 x 1200 dpi at engine speed), HP FastRes 1200[2] (1200 dpi quality)	
Speed[3]	Up to 25 ppm	
First page out	12 seconds	
Languages	PCL 5e, PCL 6, Postscript level 3 emulation print drivers	
Copier		
Resolution, black text	600 x 600 ppi optical resolution scanner	
Speed	Up to 25 cpm	
Reduction/enlargement	Page size presets	
Maximum copies	99	
Scan		
Scan resolution (color & monochrome)	600 x 600 ppi optical resolution scanner	
Scan input	Color and black and white scanning, embedded send-to-email, keyboard and numeric keypad, send and print job overlap, optional HP Digital Sending Software (DSS) 3.0—Secure Access, HP DSS 3.0—Communications, HP DSS 3.0—Workflow, HP DSS 3.0—Secure Workflow and HP AutoStore	
Scan size (from ADF)	Up to 8.5 x 14 inches	
Media		
Paper trays, std	Tray one standard: 100-sheet multipurpose tray; tray two standard: 500-sheet input tray; 30-sheet ADF; optional automatic duplexer unit; optional 500-sheet feeders; optional 75-envelope power feeder	Tray one standard: 100-sheet multipurpose tray; tray two standard: 500-sheet input tray; tray three standard: 500-sheet input tray; 30-sheet ADF; automatic duplexer unit; optional 500-sheet feeder; optional 75-envelope power feeder
Output capacity, std	300 (250-sheet top, 50-sheet rear)	
Sizes	All standard and custom sizes from 5.8 x 8.2 inches to 8.5 x 14 inches	
Weights	ADF: 16 to 36 lb; tray 1: 16 to 53 lb, 20 to 28 lb envelopes; 500-sheet trays and automatic duplexer unit: 16 to 28 lb	
Types	Copier, bond, special application and recycled media; transparencies and labels designed for laser printers	
Processor	250 MHz	
Memory	64 MB RAM, 256 MB maximum	
Duty cycle, monthly	150,000 pages	
Print technology resolution	Resolution Enhancement technology (REt)	
Connectivity, standard	IEEE 1284-compliant bidirectional parallel, HP Jetdirect internal print server for Fast Ethernet 10/100Base-Tx in EIO slot, hard disk drive in EIO slot	
Network operating systems		
Compatible network operating systems	Microsoft Windows 95, 98, Me, NT® 4.0, 2000 and XP; Novell NetWare 3.2, 4.2, 5.x and 6; Apple Mac OS 8.6 and later; Red Hat Linux 6.x and 7.x; SuSE Linux 6.x; HP-UX 10.20 and 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX; Artisoft LANtastic	
Compatible network protocols	TCP/IP; IPX/SPX; AppleTalk[4]; DLC/LLC; IP Direct Mode; LPD; FTP Printing; IPP; NDS; Bindery; NCP; NDPS; iPrint; Telnet; SLP; IGMP; BOOTP/DHCP; WINS; SNMP; HTTP	
Dimensions (w x d x h)	16.4 x 21.25 x 21 inches	16.4 x 21.25 x 26 inches
Weight	55 lb	70 lb
What's in the box	HP LaserJet 4100mfp, power cord, software and documentation on CD-ROM, print cartridge, control panel overlays	HP LaserJet 4101mfp, power cord, software and documentation on CD-ROM, print cartridge, control panel overlays, HP MFP analog fax accessory, automatic duplexer accessory

[2] Default setting.
[3] Printer produces letter size pages two at a time. Time to second page is 55 seconds for color and 40 seconds for monochrome.
[4] AppleTalk is not supported on Token Ring print servers.

Environmental ranges

Operating temperature:	50 to 91° F (10 to 35° C)
Storage temperature:	32 to 91° F (0 to 35° C)
Operating humidity:	20 to 80% RH non-condensing
Storage humidity:	10 to 95% RH non-condensing

Acoustics

Operating position:	LpAm = 58 dB (A) printing, LpAm = 61 dB (A) copying, LpAm = 39 dB (A) idle/Powersave
Bystander position:	LpAm = 52 dB (A) printing, LpAm = 54 dB (A) copying, LpAm = 36 dB (A) idle/Powersave
Sound power:	LwAd = 6.6 B(A) printing, LwAd = 6.9 B(A) copying, LwAd = 5.1 B(A) idle/Powersave
Tests per ISO 9296 (ISO 7779)	

Power requirements

Source:	100 to 127 volts (±10%) or 220 to 240 volts (±10%)
Frequency:	50 or 60 Hz (±2 Hz)

Power consumption

Printing (continuous):	495 watts (110), 476 watts (220)
Copying (continuous):	521 watts (110), 486 watts (220)
Standby:	41 watts (110), 43 watts (220)
Powersave:	40 watts (110), 41 watts (220)

Power certification

UL and cUL listed to UL 1950/CSA 950; complies with IEC 950/EN 60950; meets Class A limits for FCC Part 15 and CISPR 22; product CDRH-certified Class 1 Laser Product (safe for office/EDP use)

ENERGY STAR® compliant

Warranty — One-year next-day onsite

Ordering information

Product number	HP product
C9148A	HP LaserJet 4100mfp
C9149A	HP LaserJet 4101mfp
Service and support	
H7668A	HP Care Pack, 3-year, next-day, onsite
H7686A	HP Care Pack, 3-year, same-day, onsite
H7687A	HP Care Pack, 3-year, 24 x 7, onsite
U2009E	Installation service
U2010E	Installation and network configuration service
C8057A	Preventative maintenance kit 110v
C8058A	Preventative maintenance kit 220v
Supplies and accessories	
Q1314A	HP MFP analog fax accessory
C8061X	HP LaserJet Smart print cartridge, 10K pages[5]
C8061A	HP LaserJet Smart print cartridge, 6K pages[5]
Paper handling	
C8053B	75-envelope power feeder
C8054A	Automatic duplexer unit
C8055A	500-sheet paper feeder
C8056A	500-sheet universal tray
Media	
	For compatible media go to www.hp.com/go/everydaypapers, or, in the U.S., call: 1-800-477-5010
Memory	
C7842A	8 MB SDRAM DIMM
C7843A	16 MB SDRAM DIMM
C7845A	32 MB SDRAM DIMM
Q1887A	64 MB SDRAM DIMM
C9121A	128 MB SDRAM DIMM
Software	
T1929AA	HP Digital Sending Software 3.0—Secure Access[6]
T1930AA	HP Digital Sending Software 3.0—Communications (includes Secure Access T1929AA)[6]
T1931AA	HP Digital Sending Software 3.0—Workflow[6]
T1935AA	HP Digital Sending Software 3.0—Secure Workflow[6]
NOB 1296A	HP AutoStore License Pack
NOB 8535A	HP AutoStore 1 LTU
Interface and cables	
C2951A	Parallel (25-pin male to 36-pin female) 3m/10 ft cable for HP Vectra, IBM PC/AT and compatibles
92215S	Macintosh serial cable
92215N	Macintosh network cable kit
C4103A	Fast Infrared (IR) receiver
HP Jetdirect internal print servers	
J6057A	HP Jetdirect 615n internal print server, Ethernet/Fast Ethernet (10/100Base-TX)
J6058A	HP Jetdirect 680n internal print server, 802.11b wireless

[5] Based on 5% average page coverage
[6] For license packages, please visit: www.hp.com/go/digitalsending

HP recommends Microsoft® Windows® XP Professional for mobile computing.

For more information visit our website at www.hp.com

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