

HP LaserJet 4345mfp series

4345mfp • 4345x mfp • 4345xs mfp • 4345xm mfp



Maximize productivity—get print, copy, scan to e-mail, analog fax, and document finishing functions from one easy-to-use device.

Outstanding productivity

- **Quickly print, copy, fax, and scan.** Ideal for your busy office, the HP LaserJet 4345mfp series offers a rich set of features. With black-and-white printing and copying at up to 45 pages per minute (ppm) letter (43 ppm A4), the MFP delivers fast, impressive results.
- **Boost productivity with two-sided printing, copying, and scanning.** The 50-sheet automatic document feeder (ADF) effortlessly processes two-sided documents, enabling unattended copying and scanning and eliminating the need to manually feed originals. In addition, get duplexed output and reduce your office costs with the automatic two-sided printing accessory.¹
- **Improve the efficiency of your business.** Optimize the MFP's embedded send-to-email function with optional HP Digital Sending Software (DSS) 4.0,² which features authentication and job storage and facilitates document workflow by enabling documents to be sent to printers, network folders, and fax services, including LAN fax, Internet fax, and Windows® 2000/XP fax services.
- **Transform your document workflow.** Add optional HP AutoStore² software to effortlessly route information to document management applications such as Microsoft® SharePoint Portal Server (version 2003), Microsoft Exchange, and Lotus Notes.
- **Send and receive documents with the analog fax accessory.**² The internal fax card increases the functionality of your device, improves workgroup productivity, and supports efficient information sharing.
- **Depend on simple, intuitive interaction.** The touch-screen graphical control panel features an integrated design that lets you easily determine job status and employ the copy, scan, fax, and digital send functions. Used across several HP devices, the intuitive control panel provides a consistent walk-up experience for users of HP products, improving usability and minimizing training costs.

Simplify and save time

- **Configure the MFP to suit your needs.** Create high-quality documents with a choice of advanced output options, including a stapler/stacker that can staple documents of up to 30 pages and stack up to 500 sheets. You may also choose a 3-bin mailbox for separating print, copy, and fax functions, assigning mailboxes for users, or stacking up to 700 sheets.
- **Focus on creating effective business documents rather than tending to your MFP.** Reduce user interaction with a total input capacity of up to 2,100 sheets and fast, convenient mailing with the optional 75-sheet envelope feeder.
- **Enjoy the simple, integrated design.** With its small footprint, the MFP conserves floor space and is easy to add to workstations or imaging and printing areas.

Reliable and easy to use

- **Share the device with peace of mind.** Enjoy best-in-class networking with the HP Jetdirect Fast Ethernet embedded print server. HP Web Jetadmin offers proactive, fleet management, including remote installation. The HP Embedded Web Server is designed for one-to-one device management and performs remote diagnostics, sends e-mail alerts, and provides job tracking and accounting.
- **Count on HP Smart Printing Technology.**³ The MFP and HP supplies include innovative HP Smart Printing Technology, which makes automatic adjustments to optimize print quality and enhance reliability. Managing supplies is simple with easy access to the all-in-one HP LaserJet Smart print cartridge and convenient, online ordering with the HP SureSupply program.⁴

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

¹ Standard features vary by model.

² Not included, sold separately. Software is server-based, server required.

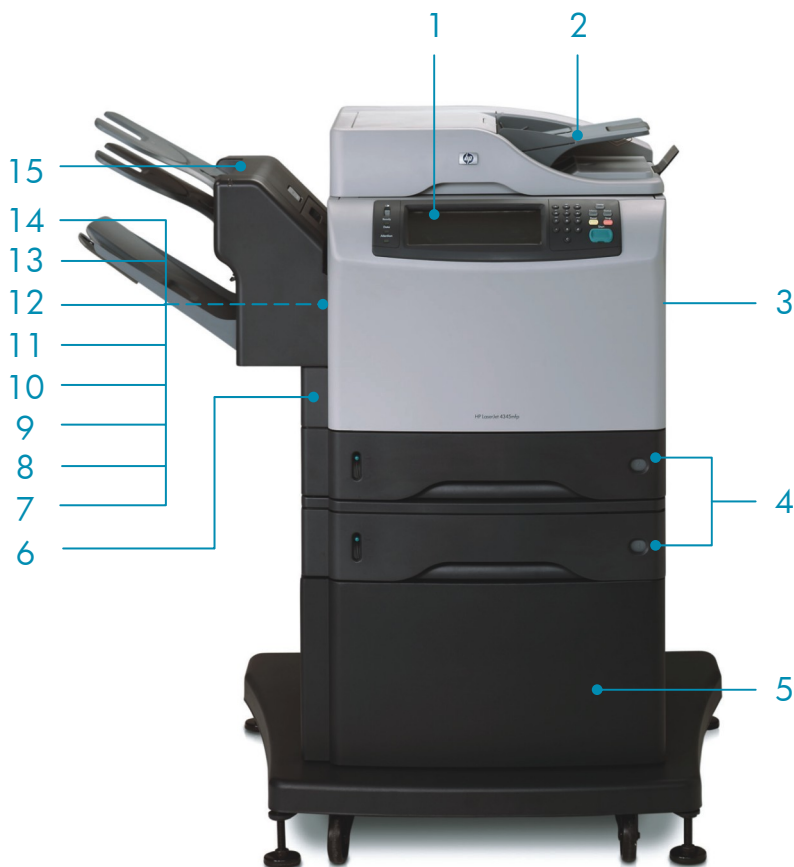
³ Using genuine HP supplies ensures availability of all HP printing features.

⁴ Program availability varies by region.

HP LaserJet 4345mfp series

HP LaserJet 4345xm mfp shown

- 1 Easy-to-use touch-screen control panel with 10-key number pad provides effortless device interaction
- 2 50-sheet automatic document feeder (ADF) automatically scans two-sided documents
- 3 100-sheet multipurpose tray handles heavy custom media up to 53 lb (200 g/m²)
- 4 Adjustable 500-sheet input trays 2 and 3
- 5 MFP stand with storage cabinet
- 6 Automatic two-sided printing accessory for fast duplexing
- 7 Bidirectional IEEE-1284-B compliant parallel port
- 8 HP Jetdirect Fast Ethernet embedded print server
- 9 Open EIO slot enables HP and third-party solutions
- 10 Jetlink port for third-party paper handling solutions
- 11 Foreign interface harness connector
- 12 256 MB total memory and a powerful 533 MHz processor perform complex tasks quickly
- 13 20 GB HP high-performance embedded hard disk for effective digital sending, private printing, and job storage
- 14 Analog fax accessory
- 15 3-bin mailbox accessory



Series at a glance



4345mfp (Q3942A)

- 100-sheet multipurpose tray and 500-sheet input tray 2 for 600-sheet capacity
- 500-sheet output tray
- 50-sheet ADF
- HP Jetdirect Fast Ethernet embedded print server
- 256 MB DDR RAM
- One available EIO slot



4345x mfp (Q3943A)

Base model plus:

- 500-sheet input tray 3 for 1,100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory



4345xs mfp (Q3944A)

Base model plus:

- 500-sheet input tray 3 for 1,100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory
- MFP stand with storage cabinet
- Stapler/stacker accessory



4345xm mfp (Q3945A)

Base model plus:

- 500-sheet input tray 3 for 1,100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory
- MFP stand with storage cabinet
- 3-bin mailbox accessory

Get versatile, efficient, and reliable document creation for the office.

Lasting value

For many businesses, the total cost of ownership is a critical part of the purchasing decision. Both the versatility and reliability designed into the HP LaserJet 4345mfp series contribute to significant cost savings over time.

An efficient multifunction device. An impressive set of paper-handling capabilities enables you to produce documents locally. With the productive MFP, you can eliminate costs and distribution time associated with centralized printing.

Reliability saves money. By far the biggest contributor to user productivity and low cost of ownership is the reliability of HP equipment, support, and service. For over a decade, Hewlett-Packard has consistently received the top grade in PC Magazine's Service and Reliability Survey and recently received one of the first-ever A+ ratings. Instead of experiencing frustration and expensive downtime, users can get their work done!













HP Smart Printing supplies advantage⁵

HP papers and HP LaserJet print cartridges are designed to work together with HP printing devices, so you can depend on producing consistent, high-quality documents. HP designs its print cartridges to produce the clarity needed for halftone images, smooth grayscales, and fine details. HP Smart Printing Technology is activated every time you put an HP print cartridge into your MFP, allowing you to monitor your current supplies, order new supplies, and print successfully every time. And each HP print cartridge continually adjusts toner properties to ensure high-quality output over the life of the cartridge.

Award-winning HP support

HP offers a variety of support options to assist you in the setup and maintenance of the HP LaserJet 4345mfp series. HP's expert knowledge will help you make the most of your MFP and ensure your equipment is running at peak efficiency. Start with a one-year, next-day, onsite HP limited warranty, backed by free telephone support from the award-winning HP Customer Care. To further guarantee trouble-free operation and maximize the potential of your HP LaserJet MFP, consider upgrading service and support options such as installation, network installation, advanced maintenance, and post-warranty support.

Add the following optional components and build an MFP to meet the needs of your business.

					
500-sheet input trays offer an input capacity of up to 2,100 sheets	700-sheet 3-bin mailbox may be assigned to individuals or device functions	Stapler/stacker staples documents up to 30 pages and stacks up to 500 sheets	75-sheet envelope feeder makes business mailing simple and efficient	Automatic two-sided printing unit for fast, efficient duplexing	Stand with storage cabinet makes the MFP more accessible and lets you store paper and supplies
					
HP LaserJet MFP Analog Fax Accessory 300 quickly and securely processes documents	HP Jetdirect 680n 802.11b wireless print server enables effortless wireless connection	HP bt1300 Bluetooth® Wireless Printer Adapter ⁶ provides easy, walk-up printing from your mobile phone or PDA	HP Digital Sending Software 4.0 lets you digitally capture paper-based documentation for easy routing and storage	HP AutoStore software allows you to send scanned documents to document management and collaboration platforms	Add up to 512 MB of memory

⁵ Using genuine HP supplies ensures availability of all HP printing features.

⁶ For more information and a list of supported phones and other devices, go to www.hp.com/support/bluetoothprinteradapter.

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Technical specifications	HP LaserJet 4345mfp	HP LaserJet 4345x mfp	HP LaserJet 4345xs mfp	HP LaserJet 4345xm mfp
Print and copy speed	Up to 45 ppm letter (43 ppm A4), single-sided			
First page out	Less than 10 seconds			
Resolution	HP FastRes 1200 (1200 dpi quality), 600 by 600 dpi; Resolution Enhancement technology (RET)			
Copying	Reduce or enlarge: 25 to 400% from scanner glass (25 to 200% from ADF); resolution: 600 by 600 dpi; scalability, contrast, background removal, sharpness, N- or Z- ordering, orientation			
Faxing	Optional analog fax accessory	Standard analog fax accessory: resolution best mode: 300 by 300 dpi; fax speed: up to 33.6 kbps; JBIG compression, fax forwarding, fax polling, and auto redialing supported		
Digital sending	Embedded scan to e-mail standard; optional (via HP DSS 4.0) send to folder, authentication, send to LAN fax, send to printer, send to application			
Processor	533 MHz			
Standard memory	256 MB DDR RAM, expandable to 512 MB via one open DIMM slot; Memory Enhancement technology (MET)			
Hard drive	20 GB HP high-performance embedded hard disk			
Duty cycle	Up to 200,000 pages per month			
Paper	100-sheet multipurpose tray 1, 500-sheet input tray 2, 50-sheet ADF			
Output	500-sheet output tray	100-sheet multipurpose tray 1, two 500-sheet input trays (2 and 3), 50-sheet ADF, automatic two-sided printing accessory	500-sheet stapler/stacker	700-sheet 3-bin mailbox
Sizes	Multipurpose tray, 3-bin mailbox, and stacker element of stapler/stacker: 3 by 5 in (76 by 127 mm) to 8.5 by 14 in (216 by 356 mm); letter, legal, executive, statement, 8.5 x 13 in, envelopes, A4, A5, B5 (JIS), executive (JIS), 16K, D Postcard (JIS) 500-sheet trays: 5.8 by 8.3 in (148 by 210 mm) to 8.5 by 14 in (216 by 356 mm); letter, legal, executive, 8.5 x 13 in, A4, A5, B5 (JIS), executive (JIS), 16K Custom sizes not supported on optional automatic two-sided printing accessory, envelope feeder, or stapler			
Weights	Multipurpose tray, 3-bin mailbox: 16 to 53 lb (60 to 200 g/m ²); trays 2, 3, 4, 5, automatic two-sided printing accessory, stapler/stacker: 16 to 32 lb (60 to 120 g/m ²) Optional envelope feeder: 20 to 28 lb (75 to 105 g/m ²)			
Types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock			
Connectivity	Bidirectional IEEE-1284-B compliant parallel port, one available EIO slot, HP Jetdirect Fast Ethernet embedded print server; Jetlink port for third-party paper handling solutions, FIH connector			
Interfaces	Optional			
Fax interface	RJ-11 port			
Languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing (v 1.3), XHTML-Print v 0.95, PML (Printer Management Language)			
Fonts	80 scalable TrueType fonts			
Client operating systems	Microsoft Windows 98, Me, NT 4.0 (parallel and network connections only), 2000, XP, Server 2003; Apple Mac OS 9.x and later, OS X v 10.1 or later			
Network operating systems	Via HP Jetdirect print servers: Microsoft Windows 98, Me, NT 4.0, 2000, XP, XP 64-Bit, Server 2003; Novell NetWare 3.2, 4.2, 5.x, 6.x; Apple Mac OS 8.6 and later; Red Hat Linux® 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8, 9, 10 (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX; Citrix MetaFrame; Windows Terminal Services			
Network protocols	Via HP Jetdirect print servers: TCP/IP (IP Direct mode; may require software from the NOS vendor or third party vendor: LPD, FTP, IPP), IPX/SPX, DLC/LLC, AppleTalk, Auto-IP, Apple Rendezvous compatible, NDS, Bindery, NCP, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP (v 1, 2c, 3), HTTP			
Dimensions (w by d by h)	30 by 19 by 21.5 in (762 by 483 by 545 mm)	30 by 19 by 26.3 in (762 by 483 by 667 mm)	36 by 19 by 43.7 in (914 by 483 by 1110 mm)	
Weight	113.7 lb (51.6 kg)	120.33 lb (54.6 kg)	153.03 lb (69.4 kg)	152.53 lb (69.3 kg)
What's in the box	All models: straight power cord, control panel overlay, print cartridge, software and documentation on CD, information and training CD, in-box documentation (Getting Started Guide, Walk Up Wall Poster, Network Configuration Guide, Telephone Support Flyer)			
	Also includes: HP LaserJet 4345mfp	Also includes: HP LaserJet 4345x mfp, phone cord, 500-sheet input tray 3, analog fax accessory, Fax Install Guide	Also includes: HP LaserJet 4345xs mfp, phone cord, 500-sheet input tray 3, analog fax accessory, Fax Install Guide, stapler/stacker, MFP stand	Also includes: HP LaserJet 4345xm mfp, phone cord, 500-sheet input tray 3, analog fax accessory, Fax Install Guide, 3-bin mailbox, MFP stand

Environmental ranges	
Temperature	Operating: 50 to 91° F (10 to 32.5° C) Storage: 32 to 95° F (0 to 35° C)
Relative humidity	Operating: 10 to 80 percent
Acoustics	
Power emissions	Active: 7.0 B(A) printing, 7.4 B(A) copying Standby: 3.3 B(A)
Power requirements	110 to 127 VAC (±10 percent), 50/60 Hz (±2 Hz) 220 to 240 V (±10 percent), 50 Hz (±2 Hz) Maximum: 790 watts (printing), 800 (copying)
Power consumption⁷ (Energy Star® compliant)	Standby: 49 watts (4345: 44 watts) Powersave: 15 watts Off: 0.25 watts
Power certifications	EMC Class B requirements (Canada), IEC 60950 (International), EN 60950 (International), IEC 60825-1+A1, EN 60825-1+A11 Class 1 Laser/LED product, GB4943, CISPR 22 +A1+A2/EN 55022:1994+A1+A2 Class B, EN 61000-3-2/A1,4, EN 61000-3-3, EN 55024, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 3, AS/NZS 3548+A1+A2 GB9254, EMC Directive 89/336/EEC, Low Voltage Directive 73/23/EEC, CE Marking (Europe), EN55022/FCC Part 15 Class A when LAN cable attached, GB4943, Laser safety statement (US), EMI statement (Korea), VCCI statement (Japan), Laser statement (Finland), Canadian EMC Class B requirements
Warranty	One-year, next day, on-site limited warranty

⁷ Values subject to change. See www.hp.com/support/lj4345mfp for current information. Power numbers are the highest values measured using all standard voltages.



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Ordering information

Product	Number
Connectivity	
HP Jetdirect 625n Gigabit Ethernet internal print server	J7960A
HP Jetdirect 620n Fast Ethernet internal print server	J7934A
HP Jetdirect 680n 802.11b wireless internal print server	J6058A
HP bt1300 Bluetooth® wireless printer adapter	J6072A
Software and accessories	
HP LaserJet MFP Analog Fax Accessory 300	Q3701A
HP Digital Sending Software 4.0	T1936AA
HP AutoStore	T1943AA
Paper handling	
500-sheet input feeder tray	Q5968A
Automatic two-sided printing accessory	Q5969A
75-sheet envelope feeder	Q2438B
Stapler/stacker	Q5691A
3-bin mailbox	Q5692A
Printer stand with storage cabinet	Q5970A
Supplies	
HP LaserJet print cartridge with Smart Printing Technology. ⁸	Q5945A
Staple cartridge (5,000 staples) for stapler/stacker	C8091A
ADF replacement Mylar sheets	Q6496A
ADF maintenance kit	Q5997A
HP printer maintenance kit (110 V)	Q5998A
HP printer maintenance kit (220 V)	Q5999A
Memory	
64 MB 100-Pin DDR DIMM	Q2625A
128 MB 100-Pin DDR DIMM	Q2626A
256 MB 100-Pin DDR DIMM	Q2627A
512 MB 100-Pin DDR DIMM	Q2628A
Service and support	
3-year next business day onsite 9x5x5	H7668A/E
3-year 4 hour response 9x5x5 (not available in the U.S.)	U4845A/E
3-year 4 hour response 13x5x5	H7686A/E
Installation per incident	U2009E
HP papers	
HP Premium Choice Paper, letter	HPU1132
HP LaserJet Paper, letter	HPJ1124
HP Multipurpose Paper, letter	HPM1120
HP LaserJet Tough Paper, letter	Q1298A
HP Premium Choice Paper, A4	CHP410
HP LaserJet Paper, A4	CHP310
HP LaserJet Tough Paper, A4	Q1298B
Third-party solutions: www.hp.com/go/gsc	
⁸ Average cartridge yield 18,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.	

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

