HP LaserJet 4345mfp series





Maximise workgroup productivity with print, copy, scan to e-mail, and analog fax1. This flexible multifunction device supports multiple paper trays, stapling and stacking document-finishing options², a 3-bin mailbox³ and digital sending⁴.



HP LaserJet 4345 mfp

Ideal for busy workgroups of 3 – 15 users in businesses ranging from single site operations to the regional/satellite offices of large organisations, people who need shared access to a high productivity, monochrome A4 MFP offering a whole suite of advanced business tools.

Support high workflow needs of demanding workgroups.

- Enhance the productivity of busy office workgroups with versatile print, copy, digital sending⁴ and fax features¹.
- Flexible options with up to 2,100-sheet input capacity and automatic two-sided printing accessory.
- Choose 3-bin mailbox³ for separating print, copy and fax functions, assigning mailboxes for users or stacking up to 700 sheets.
- Boost performance with 50-sheet automatic document feeder (ADF) for unattended document processing.

Simplify and save time.

- Optimise the MFP's embedded sending functions⁵ with optional HP Digital Sending Software 4.0⁶ which features LDAP authentication and job storage.
- Get impressive results when you need them with 43 ppm black & white A4 printing and copying; first page out in under
- Produce high quality duplex documents with the automatic two-sided printing accessory.
- Transform your document workflow with optional routing software send information to a range of applications.



- Easy sharing enjoy best-in-class networking with the HP Jetdirect Fast Ethernet embedded print server.
- Easy to use, intuitive control panel with touch-screen graphics.
- · Enjoy ease-of-use and reliability associated with HP LaserJet printers, plus all the versatility of a high productivity MFP.
- Get consistently high quality results with HP Smart printing technology⁷ automatically enhancing print quality.



- Analog fax and automatic two-sided printing unit standard with HP LaserJet 4345x, 4345xs and 4345xm models. ² Stapler/stacker: standard with HP laserJet 4345xs; optional accessory (sold separately) with HP LaserJet 4345, 4345x and 4345xm models.
- ³ 3-bin mailbox: standard with HP LaserJet 4345xm; optional accessories (sold separately) with HP LaserJet 4345, 4345x and 4345xs models.
- Digital sending capabilities via optional accessory.

 Embedded sending features include send to e-mail, send to network folder and LDAP authentication.
- Digital sending capabilities via optional software, sold separately.
- ⁷ Using genuine HP supplies ensures availability of all HP Smart Printing features.



HP LaserJet 4345x mfp

HP LaserJet 4345xs mfp



HP LaserJet 4345xm mfp



HP LaserJet 4345mfp series

- Easy-to-use touch-screen control panel with 10-key number pad provides effortless device interaction
- 2. Automatic two-sided printing accessory for fast duplexing
- 50-sheet automatic document feeder (ADF) automatically scans two-sided documents
- 4. 100-sheet multipurpose tray handles heavy custom media up to 200 g/m²
- **5.** Adjustable 500-sheet input trays 2 and 3
- **6.** MFP stand with storage cabinet
- 7. Bidirectional IEEE-1284-B compliant parallel port
- 8. HP Jetdirect Fast Ethernet Embedded Print Server
- Open EIO slot enables HP and third-party solutions
- **10.** Jetlink port for third-party paper handling solutions
- 11. Foreign interface harness
- **12.** 256 MB total memory and a powerful 533 MHz processor perform complex tasks quickly
- 20 GB (minimum) HP highperformance embedded hard disk for effective digital sending, private printing, and job storage
- 14. Analog fax accessory8
- 15. 3-bin mailbox accessory



HP LaserJet 4345xm mfp shown

Series at a glance



4345mfp (Q3942A)

Printer, straight power cord, control panel overlay, print cartridge, software and documentation on CD-ROM, information and training CD, in-box documentation (getting started guide, walk up wall poster, network configuration guide, telephone support flyer) plus:

- 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
- EIO Hard Disk 20 GB (minimum)



4345x mfp (Q3943A)

Base model plus:

- Phone cord
- In-box documentation (fax install guide)
- 500-sheet input tray 3 for 1100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory⁸



4345xs mfp (Q3944A)

Base model plus:

- Phone cord
- In-box documentation (fax install guide)
- 500-sheet input tray 3 for 1100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory⁸
- MFP stand with storage cabinet
- Stapler/stacker accessory



4345xm mfp (Q3945A)

Base model plus:

- Phone cord
- In-box documentation (fax install guide)
- 500-sheet input tray 3 for 1100-sheet capacity
- Automatic two-sided printing accessory
- Analog fax accessory⁸
- MFP stand with storage cabinet
- 3-bin mailbox accessory

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

Lasting value

Total cost of ownership is a critical part of the purchasing decision and the HP LaserJet 4345mfp series is capable of delivering significant cost savings.

An efficient multifunction device. Impressive paper-handling capabilities enable local document production, eliminating the costs associated with centralised printing.

Reliability saves money. Hewlett-Packard has consistently received the top grade in PC Magazine's Service and Reliability Survey and was recently awarded one of the first-ever A+ ratings. This level of reliability is a major factor behind enhanced user productivity and low total cost of ownership.

The HP Smart supplies advantage⁹

HP papers and print cartridges are designed to work together with HP printing devices to deliver impressive halftone images, smooth greyscales and fine details. HP Smart Printing technology is activated every time you install an HP print cartridge; as well as enabling easy management of your supplies, each HP print cartridge continually adjusts toner properties to ensure high-quality output throughout its working life.

Award-winning HP support

We offer a range of support options to enable you to make the most of your investment and ensure that your MFP always operates at peak efficiency. Start with a one-year, next-day, onsite HP limited warranty, backed by free telephone support. To further guarantee trouble-free operation, we can have options including network installation, advanced maintenance and post-warranty support.

Digital sending features

The following table details the MFP's standard digital sending features (no additional software needed):

Function	Supported file types	Supported resolutions	Description
Send to e-mail	.PDF, .JPEG, .TIFF, .MTIFF	Up to 300 dpi	Scan a document and send it to one or more e-mail recipients in colour or black and white.
Send to network folder	.PDF, .JPEG, .TIFF, .MTIFF	Up to 600 dpi	Scan a document and send it to a folder on the network.

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



(Q5968A) 500-sheet input trays – for input capacity of up to 2,100 sheets



(Q5692A) 700-sheet 3-bin mailbox – assign to individuals or device functions



(Q5691A) Stapler/stacker – staple up to 30 pages; stack up to 500 sheets



(Q2438B) 75-sheet envelope feeder – efficient business mailing



(Q5969A) Automatic two-sided printing unit – fast, efficient duplexing



(Q5970A) Stand with storage cabinet – convenient storage and easier access



(Q3701A) HP LaserJet MFP Analog Fax Accessory 300 – advanced business fax features



(J6058A) HP Jetdirect 680n 802.11b Wireless Print Server – for wireless connection



(J6072A) HP bt1300 Bluetooth® Wireless Printer Adapter¹0 – print from mobile phones or PDAs



(T1936AA) HP Digital Sending Software 4.0 – integrate paperwork into electronic workflows



(T1943AA) HP AutoStore software – send scanned paperwork to document management applications



(e.g. Q2627A) Add up to 512 MB of memory through 2 open 100-pin DDR DIMM slots

⁹ Using genuine HP supplies ensures availability of all HP printing features

To For more information and a list of supported phones and other devices as to www.hp.com/support/bluetoothprinteradapter.

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Technical specifications	<u> </u>		Order	ing information
Print speed		First page out black: Less than 10 sec Warm-up time: 2 mins (from cold power on)		HP LaserJet 4345mfp
		ing on the system configuration, software programme, and document complexity.	Q3943A	HP LaserJet 4345x mfp
Processor	533 MHz, MIPS 20KC Processor		Q3944A	HP LaserJet 4345xs mfp
Memory	256 MB, HP 20 GB (r	256 MB, HP 20 GB (minimum) high capacity hard disk, expandable to 512 MB through 2 open 100-pin DDR DIMM slots using Memory Enhancement technology (MEt)		HP LaserJet 4345xm mfp
Print	Technology:	Laser		Memory
••••	Quality: Best: 1200 x 1200 dpi (with HP Fastres 1200) Normal: 1200 x 1200 dpi (with HP Fastres 1200)		Q2625A	HP 64 MB 100-pin DDR DIMM
	Speed:	Draft: 600 x 600 dpi (with Resolution Enhancement technology REt) Up to 43 ppm (A4)	Q2626A	HP 128 MB 100-pin DDR DIMM
	Languages: HP PCL 6, HP PCL 5e, HP Postscript Level 3 Emulation, Printer Management Language, PDF, XHTML Economical printing: Economode (saves up to 50% toner from 600 dpi), immediate return to Power-safe mode after each print			HP 256 MB 100-pin DDR DIMM
	Typefaces/fonts:	job due to instant-on fuser technology (saves electricity), optional automatic two-sided printing and N-up printing (saves paper) 80 scalable TrueType" fonts	Q2628A	HP 512 MB 100-pin DDR DIMM
	Duty cycle: Print margins	Up to 200,000 pages per month Top: 4.2 mm; left: 4.2 mm; right: 4.2 mm; bottom: 4.2 mm		Accessories
Fax	Resolution:			
Digital Sending	Please refer to HP LaserJet MFP Analog Fax Accessory 300 Datasheet for more information. Functionality: Embedded scan to e-mail, scan to folder, LDAP authentication standard.			Accessory 300
Digital Serialing	File formats:	Optional (via DSS 4.0) send to LAN fax, send to printer, send to application.		Paper Handling
	Configuration:	HP Embedded Web Server, HP Web Jetadmin	Q5968A	HP 500-sheet input feeder tray
Scan	Type: Resolution:	Flatbed, automatic document feeder (ADF) duplex 600 dpi optical	Q5969A	HP Automatic two-sided printing accessory
	Bit depth colour:	24-bit	Q2438B	HP 75-sheet envelope feeder
	Leveis of grey: Scannable area:	evels of grey: 256 (8-bit) Scannable area: Minimum media size: 148 x 210 mm, maximum media size: 227 x 302 mm		HP Stapler/stacker
	Margins:	Left: 4.2 mm; top: 4.2 mm; right: 4.2 mm; bottom: 4.2 mm (edge-to-edge scanning off)	Q5692A	HP 3-bin mailbox
Сору	Advanced features: Speed:	45 ipm scanner with 50-sheet duplex ADF, Xenon lamp for Instant-on copying/scanning Up to 43 cpm (A4)	Q5970A	HP MFP stand with storage cabinet
.,	Multiple copies: Reduce/enlarge:	Multiple copies: 1-32,000		
	Advanced features:	45 images per minute (ipm) scanner with 50-sheet duplex ADF		Supplies
Media types		ed, letterhead, prepunched, bond, recycled, colour, rough), transparencies, labels, envelopes, card stock	Q6496A	HP ADF replacement Mylar sheets (package of 3)
Media handling	Input Weight Size Troy 1 60 to 200 g/m² A4, A5, B5, executive, 16K, D Postcard, statement, 210 x 297 mm, envelopes (DL, C5, B5, No. 10, Commercial), custom 76 x 127 to 216 x 356 mm Troy 2/3 60 to 120 g/m² A4, A5, B5, executive, 16K, 210 x 297 mm, custom 148 x 210 to 216 x 356 mm Duplex unit 60 to 120 g/m² A4, A5, B5, executive, 16K			HP Staple cartridge, 5,000 staples
				HP LaserJet print cartridge* (up to 18,000 pages)
	Output: Sheets: 4345/x mfp: 500, 4345xs mfp: 500 (or 15 packets of 30 pages stapled), 4345xm mfp: 700 (500 bottom tray, 100 in each of top two bins), envelopes: 100, transparencies: 500 Duplex printing: 4345 mfp: Automatic (optional with the purchase of auto-duplex unit), 4345x/xs/xm mfp: Automatic (standard)		*Up to 18	,000 standard pages in accordance with ISO/IEC 19752
Interface and connectivity	Standard: IEEE 1284-B compliant parallel port, HP Jetdirect Fast Ethernet Embedded Print Server (network connection), Foreign Interface Harness (FIH) port, fax connection (for optional analog fax accessory), open EIO slot			Maintenance kits
	Optional: HP Jetdirect EIO Internal Print Servers, HP Jetdirect External Print Servers, HP EIO Hard Disk, and HP Jetdirect EIO Connectivity Card for USB (compatible with USB 2.0 specifications), serial, and LocalTalk			HP ADF Maintenance Kit HP Printer Maintenance
Operating systems compatibility	Standard: 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 Optional: OS/2, UNIX, Linux, HP OpenVMS Recent printer drivers for all supported operating systems are available at http://www.hp.com/support/lj4345mfp. If no access the latest received the state of the latest received the statest receive			Kit (220V)
				Connectivity HP Jetdirect 625n Gigabit
Network operating systems compatibility	to the Internet, see support flyer that came in the MFP box Standard: Microsoff® Windows® 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; Novell® NetWare 3.2, 4.2, 5.x, 6.x; Apple		J7960A	Ethernet Internal Print Server HP Jetdirect 620n Fast Ethernet
	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			Internal Print Server
Minimum system requirements	Optional: Microsoft [®] Windows NT [®] 4.0, 2000, XP, Server 2003, Apple Mac OS 9.x, OS X Microsoft [®] Windows [®] 98: Pentium [®] 90, 16 MB RAM; Windows Me: Pentium 150, 32 MB RAM; Windows NT 4.0: Pentium 90,		J6058A Wireles	HP Jetdirect 680n 802.11b ss Ethernet Internal Print Server
millinion system requirements	32 MB RAM; Windows 2000: 133 MHz processor, 64 MB RAM; Windows XP: 233 MHz processor, 64 MB RAM; Windows Server 2003 (standard edition): 550 MHZ processor, 128 MB RAM; 220 MB of free hard disk space for Windows, CD-ROM drive or Internet connection, IEEE 1284-compliant bidirectional parallel port			HP bt1300, Bluetooth® Wireless Print Adapter
	160 MB free hard disk space, Mac OS 9.x and Mac OS X v 10.1 and later, CD-ROM drive, IEEE 1284-B compliant bidirectional parallel port			Digital Sending Software
Standard software	Print drivers and instal	lation software on CD-ROM (HP PCL 6, HP PCL 5e, HP Postscript Level 3 Emulation, HP LaserJet Utility, h software, PostScript Printer Description)	T1936AA	HP Digital Sending Software 4.0
Control panel	Intuitive operation and easy to understand messaging, 640 x 240 touchscreen ICD display with help features. Messages can be displayed in 20 languages. Buttons: Cancel job, Start, Down arrow, Help, Menu, Up arrow, Back arrow, 13-button numeric			HP AutoStore
		keypad with Cancel, Sleep, Status; lights: Ready, Data, Attention		Service & support
Printer management	HP Embedded Web Server, HP Web Jetadmin, HP Toolbox, HP LaserJet Utility		H7668A/E	
Power	Requirements: Input vo	oltage 220 to 240 VAC (± 10%), 50/60 Hz (± -2 Hz), recommended circuit capacity 8 amps. External AC	H7686A/E	Business Day on-site, 3-years
Dimensions (w x d x h) (out of package/packaged)		4345mfp: 730 x 550 x 550 mm (incl. output tray)/802 x 648 x 842 mm; 4345x mfp: 730 x 550 x 670 mm/802 x 648 x 1052 mm; 4345xs/xm mfp: 880 x 730 x 1100 mm/1200 x 1000 x 1440 mm		on-site response 3-years
Weight (out of package/packaged)		H7688PA/		
Operating environment	4345 mfp: 51.6 kg/69.8 kg; 4345x mfp: 54.6 kg/74.4 kg; 4345xs mfp: 69.4 kg/171 kg; 4345xm mfp: 69.3 kg/171 kg Environmental ranges: operating temperature: 10 to 32.5° C, recommended operating temperature: 10 to 32.5° C, operating humidity: 10 to 80% RH, recommended operating humidity: 10 to 80% R			warranty, Next Business Day on-site, 1-year PE HP Care pack, post
Certifications	storage humidity: 10 to 80% RH. Noise level per ISO 9296, sound power: LwAd 7.0 B(A) (printing), 7.2 B(A) (copying) Safety certifications: IEC 60950 (international), EN 60950 (international), IEC 60825-1+A1, EN 60825-1+A1 Class 1 Laser/		_	warranty, 4 hours on-site response, 1-year
	LED product, GB4943, Laser statement (Finland). EMC certifications: IEC 60950 (International), EN 60950 (International), IEC 60825-1+A1, EN 60825-1+A1 Class 1, GB4943, CISPR 22 +A1 +A2/EN 55022:1994+A1 +A2 Class B, EN 61000-3-2/A14, EN 61000-3-3, EN 55024, FCC Title 47 CFR, ICES-003, Issue 3, AS /NZS 3548+A1+A2 GB9254, EMC Directive 89/336/EEC, EN 161000-3-3, EN 55024, FCC CENTRAL STATE OF THE PROPERTY OF THE P			Installation and network configuration
Warranty	-	73/23/EEC, CE Marking (Europe), EN55022/FCC Part 15 Class A when LAN cable attached. Energy Star®		

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Warranty









One-year, next-day on-site limited warranty; optional HP Care Packs available

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