

HP LaserJet M4345 Multifunction Printer series



Expect workgroup productivity to rise with this powerful MFP that helps streamline workflow and business processes. In addition to print, copy, fax and multiple send-to functions, users can rely on advanced paper handling and finishing features.

Ideal for workgroups of up to 15 users in enterprise and SMB environments, this powerful MFP offers advanced functionality, ease of use and reliability and enables them to perform multiple tasks with a single device.

Enhance workgroup productivity and support high workflow needs with this powerful MFP.

Accomplish more with this high-performance MFP's print, copy, send-to-e-mail, and analogue fax ¹ functionality. Enjoy fast printing and copying speeds of up to 43 ppm. No wait as HP's Instant-on Technology ensures a fast first page out. Integrate documents into workflows with send-to-e-mail, folder, and fax feature ¹. Copy and scan double-sided originals with 50-sheet reversing automatic document feeder. Conserve paper: print double-sided documents with a two-sided printing unit ².

Streamline processes, save time and enjoy worry-free operation with this incredibly easy-to-use MFP.

Take advantage of all your MFP's features with an intuitive interface that clearly displays available applications and lets you use, manage and maintain your device with ease. Keep costs down and experience fewer interruptions: interactive HP Smart printing technology ³ in HP print cartridges and the device optimises print quality and reliability. Easy sharing: enjoy best-in-class networking with the HP Jetdirect internal print server which enables data transfer quickly and reliably.

This versatile MFP's expandable options keep pace with your business growth.

Expand connectivity options with an additional FIH connector, open EIO slot, and Hi-Speed USB 2.0, enabling access to market-leading business solutions such as job accounting, document workflow and security solutions. Maintain workgroup efficiency with an input capacity of up to 2,100 sheets ⁴ ideal for large print and copy jobs. Streamline workflows to a greater degree with advanced finishing capabilities, including an envelope feeder, stapler/stacker and convenient three-bin mailbox ⁵.

¹ Analogue fax is standard with M4345x and M4345xs MFP models

² The two-sided printing unit is standard with M4345x and M4345xs MFP models

³ Using original HP supplies ensures availability of all HP printing features

⁴ Add optional (sold separately) 500-sheet input trays on all models for a maximum input capacity of 2,100 sheets

⁵ The stapler/stacker unit comes standard on the M4345xs MFP.



HP LaserJet M4345
Multifunction Printer



HP LaserJet M4345x
Multifunction Printer



HP LaserJet M4345xs
Multifunction Printer

Series at a glance



- HP LaserJet M4345 Multifunction Printer**
- HP LaserJet M4345 MFP: print speed of up to 43 ppm
 - 256 MB memory
 - 480 MHz processor
 - 40GB Hard Disk
 - Hi-Speed USB 2.00 connectivity
 - HP Jet Direct Embedded Print Server
 - embedded sending functionality
 - standard input capacity of 600-sheets with 500-sheet input tray and 100-sheet multipurpose tray
 - 50-sheet automatic document feeder



- HP LaserJet M4345x Multifunction Printer**
- HP LaserJet M4345x MFP: base model plus automatic two-sided printing accessory
 - additional 500-sheet input tray
 - analogue fax accessory



- HP LaserJet M4345xs Multifunction Printer**
- HP LaserJet M4345xs MFP: base model plus automatic two-sided printing accessory
 - additional 500-sheet input tray
 - analogue fax accessory
 - stapler/stacker accessory
 - cabinet/stand

Recommended accessories



Q3701A
HP LaserJet MFP Analog Fax
Accessory 300



C8091A
HP Staple Cartridge Refill



Q5968A
HP LaserJet 500-sheet
Stackable Feeder



Q5969A
HP LaserJet 4345mfp Duplex
Accessory



Q5691A
HP LaserJet MFP 500-sheet
Stapler/Stacker



Q5692A
HP LaserJet MFP 3-bin
Mailbox



Q5970A
HP LaserJet 4345mfp Printer
Stand w/Cabinet



Q6496A
HP LaserJet Q6496A MFP
ADF Mylar Sheets



Q5997A
HP LaserJet ADF
Maintenance Kit



Q5999A
HP Q5999A 220-volt
Maintenance Kit



J7960G
HP Jetdirect 625n Gigabit
Ethernet Print Server



J7951G
HP Jetdirect ew2400
802.11g Wireless Print
Server

Operating and warranty specifications

Operating environment	Operating temperature:10 to 32.5° C. Recommended operating temperature:10 to 32.5° C. Operating humidity:10 to 80% RH. Operating humidity recommended:20 to 80% RH. Storage temperature:0 to 35° C. Storage humidity:10 to 80% RH. Noise level per ISO 9296:sound power:LwAd6.9 B(A) (printing at 45 ppm). Sound pressure:LpAmlnaudible (ready), 54 dB(A) (printing), 56 dB(A) (copy/scan)
Certifications	CISPR 22: 1993/EN 55022: 1994 Class B, 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. Regulatory standards:Argentina (TUV S Mark-Rs.92/98/Ds.1009/98), Australia (AS/NZ 3260), Canada (cUL-CAN/CSA C22.2 No.60950-00), China (GB4943), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV- EN60950-IEC 60825-1), Russia (GOST- R50377), USA (UL-UL 60950; FDA-21 CFR Chapter 1 Subchapter J for lasers), Class 1 Laser/LED Product
Warranty	One-year limited hardware on-site warranty and phone and web support (varies according to region)

Ordering information

		
HP LaserJet M4345 Multifunction Printer (CB425A) HP Laserjet M4345 MFP multifunction printer (with hard drive), support flyer, toner cartridge, power cord, control panel overlays, software/documentation CD, Getting Started Guide, wall poster	HP LaserJet M4345x Multifunction Printer (CB426A) as CB425A plus duplexer, and analogue fax, 500-sheet feeder, 500-sheet feeder installation guide, phone cord	HP LaserJet M4345xs Multifunction Printer (CB427A) as CB425A plus duplexer, and analogue fax, 500-sheet feeder, 500-sheet feeder installation guide, phone cord, 500-sheet stapler/stacker, stand with storage cabinet

Accessories, Supplies and Support

Accessories	
Q3701A	HP LaserJet MFP Analog Fax Accessory 300
C8091A	HP Staple Cartridge Refill
Q5968A	HP LaserJet 500-sheet Stackable Feeder
Q5969A	HP LaserJet 4345mfp Duplex Accessory
Q5691A	HP LaserJet MFP 500-sheet Stapler/Stacker
Q5692A	HP LaserJet MFP 3-bin Mailbox
Q5970A	HP LaserJet 4345mfp Printer Stand w/Cabinet
T1936AA	HP MFP Digital Sending Software 4.0
Q6496A	HP LaserJet Q6496A MFP ADF Mylar Sheets
Q5997A	HP LaserJet ADF Maintenance Kit
Q5999A	HP Q5999A 220-volt Maintenance Kit
Q7718A	HP 128 MB 100-pin DDR DIMM
Q2438B	HP LaserJet 75-sheet Envelope Feeder
Q5998A	HP Q5998A 110-volt Maintenance Kit
J7989G	HP High Performance Serial ATA Hard Disk
Q7719A	HP 256 MB 100-pin DDR DIMM
J7972G	HP 1284B Parallel Card

Supplies	
Q5945A	HP LaserJet Q5945A Black Print Cartridge 18,000 standard pages in accordance with ISO/IEC 19752

Connectivity	
J7960G	HP Jetdirect 625n Gigabit Ethernet Print Server
J7951G	HP Jetdirect ew2400 802.11g Wireless Print Server

J7961G	HP Jetdirect 635n IPv6/IPsec Print Server
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Service & support	
H7668A/E	HP Care Pack, Next Business Day On-site, 3 years
H7686A/E	HP Care Pack, 4 Hours On-site Response, 3 years
H7688PA/PE	HP Care Pack, Next Business Day On-site 1 year, Post Warranty
H7689PA/PE	HP Care Pack, 4 Hours On-site Response, 1 year Post Warranty
U2010A/E	HP Care Pack, Installation and Network Configuration
For a complete list of supplies, accessories and services, please refer to http://www.hp.com	
For workflow, device management and other solutions, please visit the Global Solutions catalog: www.hp.com/go/gsc	



Technical specifications

Print technology	Monochrome Laser			
Print speed	A4black:Up to 43 ppm, color:. First page out black,< 10 sec			
Processor	480 MHz. MIPS processor in HP custom ASIC			
Memory	256 MB. Expandable to 512 MB through 1 100-pin DDR DIMM slot. Hard Disk Capacity:Standard, 40 GB			
Print	Quality	HP FastRes 1200, HP ProRes 1200, 600 dpi, 170 lpi		
	Resolution	Black:Up to 1200 x 1200 dpi (with HP FastRes 1200)		
	Printer languages	HP Postscript Level 3 emulation, PCL 6, PCL 5, PDF 1.4		
	Economical printing	Economode (saves up to 50% toner from 600 dpi), immediate return to Power-safe mode after each print job due to Instant-on Technology (saves electricity), optional automatic two-sided printing and N-up printing (saves paper)		
	Duty cycle (monthly, A4)	Up to 200000 pages		
	Recommended monthly page volume	5000 to 15000M4345 MFP:5000 to 20000; M4345x MFP:5000 to 15000; M4345xs MFP:5000 to 15000		
	Print margins (mm)	Top:4.2 mm. Left:4.2 mm. Right:4.2 mm. Bottom:4.2 mm		
	Maximum print area	211.9 x 351.6 mm		
Fax	Modem speed	M4345 MFP:Up to 33.6 Kbps (with optional analog fax accessory); M4345x MFP:Up to 33.6 kbps; M4345xs MFP:Up to 33.6 kbps		
	Telecom compliance	Telecom: TBR-21:1998; EG 201 121:1998, FCC Part 68, Industry Canada CS03, NOM-151-SCTH-1999 (Mexico), PTC-200 (New Zealand), AS/ACIF S002:2001 (Australia), IDA PSTN1 (Singapore), TP5002-01 (Malaysia), IG 0005-11 (Taiwan), HKTA 2011 (Hong Kong), YD514, YD/T589, YD703, GB3382 (China)		
	Fax memory	Dependent on the amount of available disk space		
	Fax resolution	Standard:200 x 200 dpi. Fine:200 x 200 dpi. Superfine:300 x 300 dpi. Photo:200 x 200 dpi		
	Quick dialing	Up to 100		
Digital sending	File formats	PDF, TIFF, JPG, MTIFF		
	Installation	Via HP Jetdirect Embedded Network Print Server, HP Jetdirect internal print servers, HP Jetdirect external print servers, HP wireless print servers, HP connectivity cards		
Scan	Type	Flatbed, ADF. Colour scanning:Yes		
	Scan resolution	Optical:Up to 600 dpi. Enhanced:Up to 600 dpi		
	Bit depth	30-bit		
	Grey scale levels	256		
	Scannable area	Minimum media size:No minimum. Maximum media size:22.7 x 30.2 cm		
	Margins for scanned items	Left:4.2. Top:4.2. Right:4.2. Bottom:4.2		
Copy	Copy speed	Up to 43 cpm		
	Copy resolution	Up to 600 x 600 dpi		
	Multiple copies	Up to 1000		
	Reduce/enlarge	25 to 400%		
Media handling	Input:	Capacity	Weight	Size
	Tray 1	sheets: 100, transparencies: 50, envelopes: 10	60 to 200 g/m ²	A4, A5, B5 (JIS), executive (JIS), 16K, D postcard (JIS), letter, legal, executive, statement, 8.5 x 13 in, envelopes (DL, C5, B5, No. 10, Commercial), custom 76 x 127 to 216 x 356 mm
	Tray 2	sheets: 500, tranparencies: 100	60 to 120 g/m ²	A4, A5, B5 (JIS), executive (JIS), 16K, letter, legal, executive, 8.5 x 13 in, custom 148 x 210 to 216 x 356 mm
	Tray 3	sheets: 500, tranparencies: 100	60 to 120 g/m ²	A4, A5, B5 (JIS), executive (JIS), 16K, letter, legal, executive, 8.5 x 13 in, custom 148 x 210 to 216 x 356 mm
	ADF	sheets: 50	60 to 120 g/m ²	
	Output:	Envelopes: Up to 100		
	Duplex printing:None (not supported)			
Media types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, colour, rough), transparencies, labels, envelopes, card stock			
Interface and connectivity	Optional:HP Jetdirect 635n IPv6/IPsec Print Server J7961A, HP Jetdirect 625n Gigabit Ethernet Print Server J7960A, HP Jetdirect 620n Fast Ethernet Print Server J7934A, HP Jetdirect ew2400 802.11g Wireless Print Server J7951A, HP Jetdirect en3700 Fast Ethernet Print Server J7942A, HP Jetdirect 175x Fast Ethernet Print Server J6035D, HP High Performance Serial ATA Hard Disk J7989G, HP 1284B Parallel Card J7972G, HP Jetdirect Connectivity Card J4135A, HP bt450 Bluetooth Wireless Printer and PC Adapter Q6398A, HP bt400 Bluetooth Wireless Printer Adapter Q6399A			
Operating systems compatibility	Microsoft® Windows® 2000, XP Home, XP Professional, XP Professional x64, Server 2003; Windows Vista™ supported soon (visit www.hp.com/go/windowsvista for more information); Mac OS X v 10.2 or higher. Optional:Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS 10.2 and higher. The latest software and drivers are available for the HP LaserJet M4345 MFP from the HP Web site at http://www.hp.com/support/ljm4345mfp			
Network operating systems compatibility	Microsoft® Windows® 2000, XP Home, XP Professional, XP Professional x64 (Itanium only), Server 2003 (IPv6 only supported Windows XP and Server 2003); Novell NetWare 3.2, 4.2, 5.x, 6.x (NDPS); Mac OS 8.6 and higher; Red Hat Linux 6.x, 7.x, 8.x, 9.x; SuSE Linux 6.x, 7.x, 9.x; HP UX 10.20, 11.x, 11i; Solaris 2.5x, 2.6, 2.7, 2.8 (SPARC systems only); IBM AIX 3.2.5 and higher; MPE-iX, Unix, Citrix, MetaFrame, Windows Terminal Servers. Optional:Microsoft® Windows® 2000, XP Home, XP Professional, XP Professional x64, Server 2003; Mac X v OS 10.2 and higher			
Minimum system requirements	133 MHz processor or higher, 64 MB RAM, 40 MB available hard disk space, USB or network port. Mac OS 10.2 and higher, 128 MB RAM, 250 MB available hard disk space, network or USB port			
Control panel	VGA graphical touch screen, contrast control dial, numeric keypad, sleep button, reset button, stop button, start button, attention light, data light, ready light			
Power	Requirements:Input voltage 220 to 240 VAC (+/- 10%), 50/60 Hz (+/-2 Hz), recommended circuit capacity 8 amps. Consumption:0.26 watts maximum (off), 16 watts maximum (sleep), 49 watts maximum (ready), 725 watts maximum (printing), 1265 watts maximum (copying); Typical Electricity Consumption (TEC): 5.963 kWh/Week. 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.			
Dimensions (w x d x h)	Out of package:M4345 MFP:762 x 566 x 546 mm; M4345x MFP:762 x 566 x 668 mm; M4345xs MFP:1016 x 744 x 1110 mm. Packaged:M4345 MFP:802 x 648 x 715 mm; M4345x MFP:802 x 648 x 1052 mm; M4345xs MFP:1200 x 1000 x 1440 mm			
Weight	Out of package:M4345 MFP:53.5 kg; M4345x MFP:63.9 kg; M4345xs MFP:99.4 kg. Packaged:M4345 MFP:62.1 kg; M4345x MFP:74.4 kg; M4345xs MFP:171 kg			

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