



HP LaserJet M4345 Laser 1200 x 1200 DPI 43 ppm

Brand : HP

Product family: LaserJet

Product code: CB425A

Product name : M4345

LaserJet M4345

HP LaserJet M4345. Print technology: Laser, Printing: Mono printing, Maximum resolution: 1200 x 1200 DPI. Copying: Mono copying, Maximum copy resolution: 600 x 600 DPI. Scanning: Colour scanning, Optical scanning resolution: 600 x 600 DPI. Faxing: Mono faxing



Printing		Packaging data	
Print technology *	Laser	Package weight	62.1 kg
Printing *	Mono printing	Logistics data	
Duplex printing *	✓	Pallet gross weight	382 kg
Maximum resolution *	1200 x 1200 DPI	Products per pallet	6 pc(s)
Print speed (black, normal quality, A4/US Letter) *	43 ppm	Other features	
Time to first page (black, normal)	10 s	Standard input trays	2
Print speed (black, best quality, A4)	43 ppm	I/O ports	
Print speed (black, best quality, letter)	Up to 45 ppm		
Copying		1 USB (compatible with USB 2.0 specifications), 1 network port (HP Fast Ethernet embedded print server), 1 Foreign Interface Harness (FIH) port, 1 EIO slot, 1 Jetlink for paper handling accessories	
Copying *	Mono copying	Via HP Jetdirect Embedded Network Print Server, HP Jetdirect internal print servers, HP Jetdirect external print servers, HP wireless print servers, HP connectivity cards	
Maximum copy resolution *	600 x 600 DPI	Networking features	
Time to first copy (letter)	< 10 sec	Dimensions (WxDxH)	
Maximum number of copies	1000 copies	Acoustic power emissions	
Copy resolution (black graphics)	Up to 600 x 600 dpi	Acoustic pressure emissions	
Left metric copy margin	4.2	54 dB	
Right metric copy margin	4.2	Copier smart software features	
Top metric copy margin	4.2	Up to A4 capable copying on the glass, up to legal size through the automatic document feeder, 50 page ADF, duplexing (optional on base unit), reduce/enlarge, contrast adjustments, mixed original support	
Copier settings	Sides, staple collate, image adjustment, reduce/enlarge, paper selection, content orientation, output bin, pages per sheet, booklet format, optimize text/picture, original size, job build, edge to edge	Tray 1, optional 3-bin mailbox or stacker part of stapler/stacker: 76 x 127 to 216 x 356 mm; Tray 2 and optional Tray 3, 4, 5: 148 x 210 to 216 x 356 mm; custom sizes not supported on optional automatic two-sided printing unit, envelope feeder, stapler	
Bottom copy margin	4.2	Custom media sizes	
Maximum copy speed (black, A4)	43 cpm	Duplex print options	
Copy speed (black, best, letter)	Up to 45 cpm	Automatic (optional with the purchase of auto duplex unit)	
Scanning			
Duplex scanning *	✓		
Scanning *	Colour scanning		
Optical scanning resolution *	600 x 600 DPI		
Maximum scan area	227 x 302 mm		
Scanner type *	Flatbed scanner		

Scanning		Other features	
Input colour depth	30 bit		Tray 1, optional stacker: 60 to 200 g/m ² ; Tray 2, optional 500-sheet input tray, optional automatic two-sided printing unit, optional stapler: 60 to 120 g/m ² ; optional envelope feeder: 75 to 105 g/m ²
Greyscale levels	256		
Scan input modes	Front-panel scan, Copy, Fax, e-mail, ADF	Media weights by paper path	
Scanner features	Colour scanning of up to A4 size documents, 50 page ADF	Network ready	✓
Scan speed (black, normal quality)	Up to 45 ppm	Pallet dimensions (W x D x H)	1290 x 798 x 2270 mm
Minimum scan size	No minimum	Power requirements	Input voltage 220 to 240 VAC (+/-10%), 50/60 Hz (+/-2 Hz), recommended circuit capacity 8 amps
Fax		Print quality (black, draft quality)	600 DPI
Faxing *	Mono faxing	Printer management	HP Web Jetadmin, HP Easy Printer Care Software (neither is shipped in box)
Modem speed	33.6 Kbit/s	Standard media sizes	A4, A5, B5 (JIS), executive (JIS), 16K, envelopes (DL ISO, B5 ISO, C5 ISO)
Auto-redialing	✓	Typefaces	28 built in
Fax speed dialing (max numbers)	Up to 100 numbers	Modem type	Data and fax transfer rates up to 33.6 kbps; HP PC Send Fax Driver 33.6 kbps
Fax forwarding	✓	Media types supported	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, colour, rough), transparencies, labels, envelopes, card stock
Fax broadcasting	100 locations	Minimum system requirements for Macintosh	Mac OS 10.2 and higher, 128 MB RAM, 25 MB available hard disk space, network or USB port
Fax delayed sending	✗	Print quality (black, best quality)	1200 x 1200 DPI
Distinctive ring	✗	Print quality (black, normal quality)	1200 DPI
Features		Maximum dimensions (W x D x H)	925 x 566 x 549 mm
Maximum duty cycle *	200000 pages per month	Print margin bottom (A4)	4.2 mm
Digital sender	✗	Print margin left (A4)	4.2 mm
Number of print cartridges *	1	Print margin right (A4)	4.2 mm
Page description languages	PCL 5, PCL 6, PDF 1.4	Print margin top (A4)	4.2 mm
All-In-One-multitasking	✓	Printer smart software features	Up to legal-size capable printing, full LaserJet printing functionality, HP ProRes 1200 at full engine speed, duplexing available, Instant-on Technology, HP Smart printing technology
Input & output capacity		Standard output capacity for transparencies	500 sheets
Total input capacity *	600 sheets	Driver updates	The latest software and drivers are available for the HP LaserJet M4345 MFP from the HP Web site at http://support/ljm4345mfp
Total output capacity *	500 sheets	Duplex supported media size	A4, A5, B5 (JIS), executive (JIS), 16K
Maximum input capacity for envelopes	Up to 75	Scan file formats	JPG, PDF, TIFF
Standard output capacity for envelopes	100 sheets	Image scaling/enlargement range	25 - 400%
Maximum input capacity	2100 sheets	Memory upgrade	0.512 GB
Maximum output capacity	700 sheets	Memory technology	Memory Enhancement technology (MEt)
Paper handling		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
Maximum print size	211.9 x 351.6 mm	Safety	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 (TÜV- 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
Auto Document Feeder (ADF) media weight	60 to 120		
Envelope feeder	Yes, 75 (with the purchase of an optional envelope feeder)		
Recommended media weight	Tray 1: 60 - 200, Tray 2: 60 - 120, Tray 3: 60 - 120		
Media weight (tray 1)	60 to 200 g/m ²		
Media handling	Sheetfed		
Maximum paper trays	5		
Paper handling optional/input	three 500-sheet input trays		
Paper handling standard/input	100-sheet multipurpose tray, 500-sheet input tray, 50-sheet ADF		
Paper handling standard/output	500-Sheet Output Bin		
Media type and capacity (tray 2)	Sheets: 500, transparencies: 100		
Paper handling	100-sheet multi-purpose tray, 500-sheet input tray, optional three additional 500-sheet input trays, 50-sheet Automatic Document Feeder (ADF), optional automatic two-sided printing, 500-sheet output bin		

Network		Other features	
Supported network protocols (IPv4)	IPv6: DHCPv6, HTTP, HTTPS, Port 9100, LPD, IIP, Secure IIP, MLDv6, ICMPv6; IPv4: FTP, IPP, Secure IPP, Auto-IP, Apple Bonjour Compatible, Telnet, SLP, IGVPv2, BOOTP/DHCP, WINS, SNMPv1/v2c/v3, TFTP, HTTP, HTTPS, Port9100, LPD; other: IPX/SPX, DLC, LLC, Appletalk, Netware NDS, Binary, NCP	Upgrade type	Add duplexing for two-sided printing; add fax capability; add additional paper handling with a 500-sheet tray, 75-sheet envelope feeder, 3-bin mailbox, stapler/stacker, printer stand with storage cabinet, DSS software
Performance		Service & support	HP Web sites, HP Customer Support Centre, HP Care Packs, HP service agreement
Internal storage capacity	40 GB	Auto document feeder: supported media types and capacity	Sheets: 50
Internal memory *	256 MB	Media weight (tray 2)	60 to 120 g/m ²
Built-in processor	✓	Media weight (tray 3)	60 to 120 g/m ²
Processor family	MIPS	Media size (tray 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
Processor frequency	480 MHz	Compatible operating systems	Microsoft Windows 2000, XP Home, XP Professional, XP Professional x64, Server 2003; Windows Vista supported soon (visit /go/windowsvista for more information); Mac OS X v 10.2 or higher
Minimum system requirements	133 MHz processor or higher, 64 MB RAM, 40 MB available hard disk space, USB or network port	Downloadable software	Printing system, PCL 6 driver only, PCL 5 driver only, PostScript driver only, WJA applet, UPD PCL 5, UPD PostScript, HP Easy Printer Care Software, PC fax driver
Design		Functions	Print, copy, send-to email/network folder, optional fax and advanced paper handling
Market positioning *	Business	Maximum scan area (imperial)	22.6 cm (8.9")
Display diagonal	43.2 cm (17")	Package dimensions (W x D x H)	802.1 x 648.2 x 715 mm (31.6 x 25.5 x 28.1")
Power		Pallet dimensions (W x D x H) (imperial)	1290.3 x 797.6 x 2270.8 mm (50.8 x 31.4 x 89.4")
Power consumption (PowerSave)	15 W	Pallet weight (imperial)	381.2 kg (840.4 lbs)
Operational conditions		Weight (imperial)	113.7 lb
Operating relative humidity (H-H)	10 - 80%	Size (imperial)	76 cm (29.9")
Recommended operating temperature range (T-T)	10 - 32.5 °C	Standard input capacity for envelopes	10 sheets
Storage temperature (T-T)	0 - 35 °C	Acoustic power emissions (active, print, copy or scan)	72 dB
Operating temperature (T-T)	10 - 32.5 °C	Acoustic power emissions (ready)	Inaudible
Storage relative humidity (H-H)	10 - 80%	Acoustic pressure emissions bystander (active, print, copy or scan)	56 dB(A) 54 dB(A)
Operating altitude (imperial)	10000 ft	Acoustic pressure emissions bystander (ready)	Inaudible
Sustainability		Auto fax reduction supported	✓
Sustainability certificates	Blue Angel	Copier scaling (Auto Document Feeder)	25 to 400%
Weight & dimensions		Duplex binding	✗
Weight	53.5 kg	First page out (black&white, A4, ready)	10 s
		First page out (black&white, letter, ready)	10 s
		Junk barrier supported	✓
		Maximum input capacity (tray 1)	100 sheets
		Maximum scan area (ADF) (imperial)	215.9 x 355.6 mm (8.5 x 14")
		Maximum scan area (ADF)	216 x 356 mm
		Media sizes supported (imperial)	Letter, legal, executive, statement, 8.5 x 13 in, envelopes (No. 10, commercial)
		Minimum scan area (Auto Document Feeder)	147.3 x 210.8 mm (5.8 x 8.3")
		Minimum scan area (ADF)	148 x 210 mm
		Minimum scan area	0 x 0 mm (0 x 0")

Other features	
Package weight (imperial)	62 kg (136.6 lbs)
SureSupply connection type	Direct and Network
SureSupply supported	✓
Wireless option type	Optional, enabled with purchase of a hardware accessory
UNSPSC-code	43212110
Security management description	SNMPv3, SSL/TLS (HTTPS), 802.1x authentication, Web Jetadmin
All-in-one functions	Scan
Colour all-in-one functions	Scan, No
Package dimensions (WxDxH)	802 x 648 x 715 mm
Media size (tray 1)	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
Electromagnetic compatibility	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



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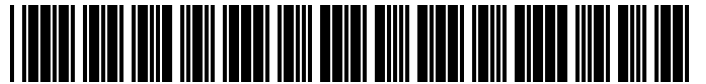
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