



# HP LaserJet M4345xs 1200 x 1200 DPI 43 ppm

Brand : HP

Product family: LaserJet

Product code: CB427A

Product name : M4345xs

LaserJet M4345xs

HP LaserJet M4345xs. Maximum resolution: 1200 x 1200 DPI. Maximum copy resolution: 600 x 600 DPI.

Scanning: Colour scanning, Optical scanning resolution: 600 x 600 DPI. Faxing: Colour faxing



Printing		Logistics data	
Printing *	✗	Pallet gross weight	171 kg
Duplex printing *	✓	Products per pallet	1 pc(s)
Maximum resolution *	1200 x 1200 DPI	<b>Other features</b>	
Print speed (black, normal quality, A4/US Letter) *	43 ppm	Standard input trays	3
Time to first page (black, normal)	10 s	I/O ports	1 USB (compatible with USB 2.0 specifications), 1 network port (HP Fast Ethernet embedded print server), 1 Foreign Interface Harness (FIH) port, 1 fax connection, 1 EIO slot, 1 Jetlink for paper handling accessories
Print speed (black, best quality, A4)	43 ppm		
Print speed (black, best quality, letter)	Up to 45 ppm	Networking features	Via HP Jetdirect Embedded Network Print Server, HP Jetdirect internal print servers, HP Jetdirect external print servers, HP wireless print servers, HP connectivity cards
<b>Copying</b>		Dimensions (WxDxH)	1016 x 744 x 1110 mm
Copying *	✗	Acoustic power emissions	6.9 B(A) (printing at 45 ppm)
Maximum copy resolution *	600 x 600 DPI	Acoustic pressure emissions	54 dB
Time to first copy (letter)	< 10 sec	Copier smart software features	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
Maximum number of copies	1000 copies		
Copy resolution (black graphics)	Up to 600 x 600 dpi		
Left metric copy margin	4.2		
Right metric copy margin	4.2		
Top metric copy margin	4.2		
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		
Bottom copy margin	4.2		
Maximum copy speed (black, A4)	43 cpm		

Copying		Other features	
Copy speed (black, best, letter)	Up to 45 cpm		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
Scanning		Custom media sizes	Automatic (standard)
Duplex scanning *	✓	Duplex print options	Tray 1, optional stacker: 60 to 200 g/m <sup>2</sup> ; Tray 2, optional 500-sheet input tray, optional automatic two-sided printing unit, optional stapler: 60 to 120 g/m <sup>2</sup> ; optional envelope feeder: 75 to 105 g/m <sup>2</sup>
Scanning *	Colour scanning	Media weights by paper path	✓
Optical scanning resolution *	600 x 600 DPI	Network ready	1200 x 1000 x 1440 mm
Maximum scan area	227 x 302 mm	Pallet dimensions (W x D x H)	Input voltage 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), recommended circuit capacity 8 amps
Scanner type *	Flatbed scanner	Power requirements	600 DPI
Input colour depth	30 bit	Print quality (black, draft quality)	HP Web Jetadmin, HP Easy Printer Care Software (neither is shipped in box)
Greyscale levels	256	Printer management	A4, A5, B5 (JIS), executive (JIS), 16K, envelopes (DL ISO, B5 ISO, C5 ISO)
Scan input modes	Front-panel scan, Copy, Fax, e-mail, ADF	Standard media sizes	Typefaces
Scanner features	Colour scanning of up to A4 size documents, 50 page ADF	Typefaces	28 built in
Scan speed (black, normal quality)	Up to 45 ppm	Modem type	33.6 Kbps
Minimum scan size	No minimum	Media types supported	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, colour, rough), transparencies, labels, envelopes, card stock
Fax		Minimum system requirements for Macintosh	Mac OS 10.2 and higher, 128 MB RAM, 25 MB available hard disk space, network or USB port
Faxing *	Colour faxing	Print quality (black, best quality)	1200 x 1200 DPI
Modem speed	33.6 Kbit/s	Print quality (black, normal quality)	1200 DPI
Auto-redialing	✓	Maximum dimensions (W x D x H)	925 x 566 x 549 mm
Fax speed dialing (max numbers)	100	Print margin bottom (A4)	4.2 mm
Fax forwarding	✓	Print margin left (A4)	4.2 mm
Fax broadcasting	100 locations	Print margin right (A4)	4.2 mm
Fax delayed sending	✗	Print margin top (A4)	4.2 mm
Auto reduction	✓	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
Distinctive ring	✗	Standard output capacity for transparencies	500 sheets
Features		Driver updates	The latest software and drivers are available for the HP LaserJet M4345 MFP from the HP Web site at <a href="http://support/ijm4345mfp">http://support/ijm4345mfp</a>
Maximum duty cycle *	200000 pages per month	Duplex supported media size	A4, A5, B5 (JIS), executive (JIS), 16K
Digital sender	✗	Scan file formats	JPG, PDF, TIFF
Number of print cartridges *	1	Image scaling/enlargement range	25 - 400%
Page description languages	PCL 5, PCL 6, PDF 1.4	Memory upgrade	0.512 GB
All-In-One-multitasking	✓	Memory technology	Memory Enhancement technology (MET)
Input & output capacity		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
Total input capacity *	1100 sheets		
Maximum input capacity for envelopes	Up to 75		
Standard output capacity for envelopes	100 sheets		
Maximum input capacity	2100 sheets		
Maximum output capacity	700 sheets		
Paper handling			
Maximum print size	211.9 x 351.6 mm		
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 <sup>2</sup>		
Media handling	Sheetfed		
Maximum paper trays	5		
Paper handling optional/input	two 500-sheet input trays		
Paper handling standard/input	100-sheet multipurpose tray, two 500-sheet input trays (2, 3), 50-sheet ADF, automatic two-sided printing accessory		
Paper handling standard/output	500-sheet stacker, 30-sheet stapler		
Media type and capacity (tray 2)	Sheets: 500, transparencies: 100		

Paper handling		Other features	
Paper handling	100-sheet multi-purpose tray, two 500-sheet input trays, optional two additional 500-sheet input trays, 50-sheet Automatic Document Feeder (ADF), automatic two-sided printing, 500-sheet stacker, 30-sheet stapler	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
Network		Upgrade type	Add additional paper handling capability with a 75-sheet envelope feeder, 3-bin mailbox, DSS software
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, IGMPv2, BOOTP/DHCP, WINS, SNMPv1/v2c/v3, TFTP, HTTP, HTTPS, Port9100, LPD; other: IPX/SPX, DLC, LLC, Appletalk, Netware NDS, Binary, NCP	Service & support	HP Web sites, HP Customer Support Centre, HP Care Packs, HP service agreement
Performance		Auto document feeder: supported media types and capacity	Sheets: 50
Internal storage capacity	40 GB	Media weight (tray 2)	60 to 120 g/m <sup>2</sup>
Internal memory *	256 MB	Media weight (tray 3)	60 to 120 g/m <sup>2</sup>
Built-in processor	✓	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 family	MIPS	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
Processor frequency	480 MHz	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
Minimum system requirements	133 MHz processor or higher, 64 MB RAM, 40 MB available hard disk space, USB or network port	Functions	Print, copy, send-to email/network folder, fax, advanced paper handling (stapler/stacker)
Design		Maximum scan area (imperial)	22.6 cm (8.9")
Market positioning *	Business	Package dimensions (W x D x H)	1200.2 x 1000.3 x 1440.2 mm (47.2 x 39.4 x 56.7")
Display diagonal	43.2 cm (17")	Pallet dimensions (W x D x H) (imperial)	1201.4 x 1000.8 x 1440.2 mm (47.3 x 39.4 x 56.7")
Power		Pallet weight (imperial)	170.6 kg (376.2 lbs)
Power consumption (PowerSave)	16 W	Weight (imperial)	152.53 lb
Operational conditions		Size (imperial)	102.1 cm (40.2")
Operating relative humidity (H-H)	10 - 80%	Standard input capacity for envelopes	10 sheets
Recommended operating temperature range (T-T)	10 - 32.5 °C	Acoustic power emissions (active, print, copy or scan)	72 dB
Storage temperature (T-T)	0 - 35 °C	Acoustic power emissions (ready)	Inaudible
Operating temperature (T-T)	10 - 32.5 °C	Acoustic pressure emissions bystander (active, print, copy or scan)	56 dB(A) 54 dB(A)
Storage relative humidity (H-H)	10 - 80%	Acoustic pressure emissions bystander (ready)	Inaudible
Operating temperature (T-T)	50 - 91 °F	Auto fax reduction supported	✓
Operating altitude (imperial)	10000 ft	Copier scaling (Auto Document Feeder)	25 to 400%
Sustainability		Duplex binding	✓
Sustainability certificates	Blue Angel, ENERGY STAR	First page out (black&white, A4, ready)	10 s
Weight & dimensions		First page out (black&white, letter, ready)	10 s
Weight	99.4 kg	Handset	✓
Packaging data		Junk barrier supported	✓
Package weight	171 kg	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

## Other features

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")
Package weight (imperial)	170.6 kg (376.2 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	Fax, Scan
Colour all-in-one functions	Fax, Scan, No
Package dimensions (WxDxH)	1200 x 1000 x 1440 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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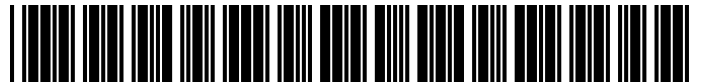
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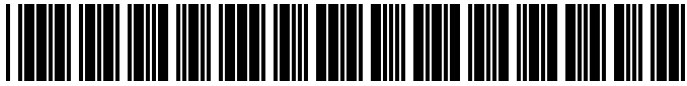
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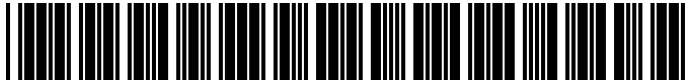
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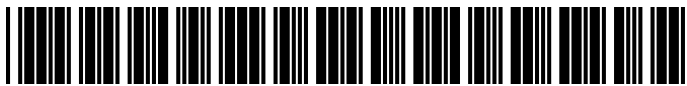
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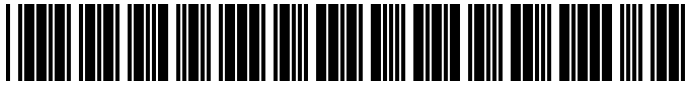
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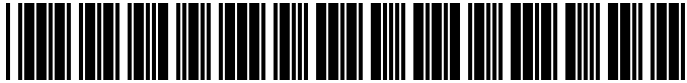
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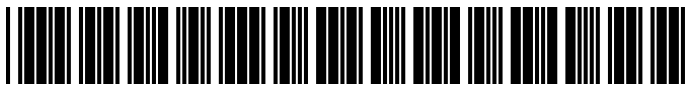
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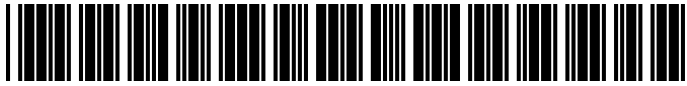
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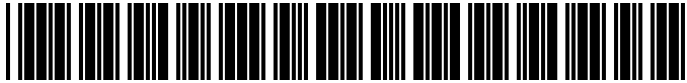
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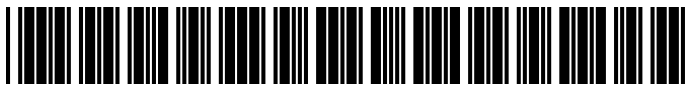
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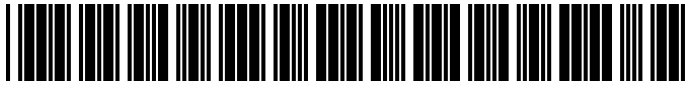
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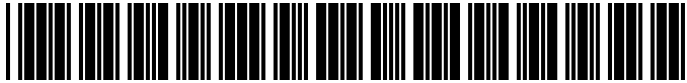
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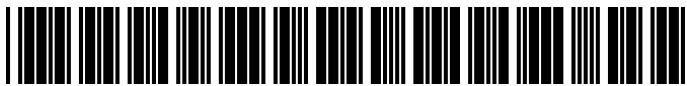
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