



HP LaserJet 2420 Printer (Q5956A)

Warranty

One-year limited warranty, return to HP/dealer, optional HP Care Pack available

Specifications

Media handling	
Media size, tray 1	A4, A5, B5 (JIS), envelopes, letter, legal, executive, 76 x 127 to 216 x 356 mm
Media size, tray 2	A4, A5, B5 (JIS), letter, legal, executive
Media size, tray 3	A4, A5, B5 (JIS), letter, legal, executive
Standard output capacity	Up to 75 (transparencies)
Memory	
Maximum memory	288 MB
Ports	
External I/O ports	One IEEE 1284-B compliant parallel port, one Hi-Speed USB (compatible with USB 2.0 specifications) port, one open EIO slot
System	
Upgradeability	Printer firmware and networking firmware can be remotely upgraded
Main printing system specs	
Print technology	Monochrome Laser
Print quality (black, best quality)	Up to 1200 x 1200 dpi
Print speed (black, normal quality, A4)	Up to 28 ppm
First page out (black, A4)	< 10 sec
Processor	
Processor speed	400 MHz
Processor type	MIPS 20KC
Duty Cycle	
Pages per month	Up to 75000
Duplex capability	
Duplex print options	Manual (driver support provided)
Duplex supported media size	A4, letter, legal, executive
Special printing system features	
Economical printing	Economode (saves toner), return to powersave mode after print job due to instant-on fuser technology (saves electricity), duplex and N-up printing (saves paper)
Printer management	HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server, E-Toolbox
Control panel	
Control panel	Graphical display with up to 2 lines of text; Help button (?) to provide information about the message on the display; Back button to back up in menus or exit menus; Pause/Resume button to pause and resume printing; Up Arrow button to navigate to previous item in list or increase value of numerical

	items; Down Arrow button to navigate to next item in list or decrease value of numerical items; Select button to open and navigate menus, clear error conditions, save selected items, and perform action highlighted; Cancel Job button to cancel print jobs; Ready, Data, and Attention lights to provide status
Main media handling features	
Standard paper trays	2
Additional paper trays	Optional 500-sheet paper tray
Maximum number of paper trays	3
Standard input capacity (sheets)	Up to 350
Maximum output capacity (sheets)	Up to 250
Custom media sizes	Multipurpose Tray 1: 76 x 127 to 216 x 356 mm
Memory amount	
Memory slots	Two 100-pin DDR DIMM slots
Printer language	
Standard printer languages	HP PCL 6, HP PCL 5e, HP Postscript Level 3 Emulation, direct PDF printing v 1.3 (with at least 128 MB of printer memory)
Type faces	
Typefaces	80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)
Connectivity and Network spec.	
Optional connectivity	HP Jetdirect Internal Print Servers, HP Jetdirect External Print Servers, HP Wireless Print Servers, HP Jetdirect Connectivity Card for USB/serial/LocalTalk, Bluetooth wireless
Standard connectivity	1 IEEE 1284-B compliant parallel port, 1 Hi-Speed USB port (compatible with USB 2.0 specifications), 1 open EIO slot
Network interface	Optional: HP Jetdirect Fast Ethernet Embedded Print Server
Network capabilities	Via HP Jetdirect Internal Print Servers for Fast Ethernet, Gigabit Ethernet; 802.11b wireless connectivity
Network ready	Optional
Requirements & environments supported	
Minimum system requirements	Microsoft® Windows® 98: Pentium® 90, 16 MB RAM, CD-ROM drive; Windows Me: Pentium 150, 32 MB RAM, CD-ROM drive; Windows NT 4.0: Pentium 90, 32 MB RAM, CD-ROM drive; Windows 2000: 133 MHz processor, 64 MB RAM, CD-ROM drive; Windows XP: 233 MHz processor, 64 MB RAM, CD-ROM drive; Windows Server 2003: 550 MHz processor, 128 MB RAM (standard edition), 220 MB of free hard disk space for Windows, CD-ROM drive or Internet connection, IEEE 1284-compliant bidirectional parallel port, or USB 1.1, USB 2.0; Mac: 160 MB of free hard disk space for OS 9.x and Mac OS X v10.1 and later, CD-ROM drive, USB port or IEEE 1284-B compliant parallel port
Further print quality info	
Print quality (black, draft quality)	Up to 600 x 600 dpi
Print quality (black, normal quality)	Up to 1200 x 1200 dpi
Extended media handling info	
Maximum input capacity (sheets)	Up to 850
Standard output capacity (sheets)	Up to 250
Media types supported	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock
Paper handling	HP LaserJet 2420 series printers: Built-in automatic duplex unit (HP LaserJet 2420d/dn only), 350 sheets standard input capacity (1x 100-sheet/ 10 envelope multipurpose tray, 1x 250-sheet tray), paper

	input level indicators, straight-through paper path, standard 250-sheet top output bin, 100-sheet rear output bin. HP LaserJet 2420/d/n/dn Printer: optional 1x 500-sheet input tray can be added.
Paper handling optional/input	500-sheet input tray
Paper handling optional/output	No
Paper handling standard/input	100-sheet multipurpose tray, 250-sheet input tray
Paper handling standard/output	250-sheet top output bin (100-sheet rear output bin)
Standard media sizes	A4, A5, B5 (JIS), letter, legal
Media type and capacity, duplex unit	A4, letter, legal, executive
Media type and capacity, tray 1	100 sheets, 10 envelopes
Media type and capacity, tray 2	sheets: 250
Media type and capacity, tray 3	sheets: 500
Media weights by paper path	Multipurpose Tray 1: 60 to 200 g/m ² ;Tray 2/3: 60 to 120 g/m ²
Media weight, tray 1	60 to 200 g/m ² (straight-through paper path for special media and heavier stock)
Media weight, tray 2	60 to 120 g/m ²
Media weight, tray 3	60 to 120 g/m ²
Page size / margins / printable area	
Print margin bottom, top, left, right	5 mm (A4)
Additional memory info	
Standard memory	32 MB
Memory technology	Memory Enhancement technology (MEt), Double Data Rate memory technology
Memory upgrade	Expandable to 288 MB through two 100-pin DDR DIMM slots
Software	
Driver updates	Most recent printer drivers and software for all supported operating systems available at http://www.hp.com/support/lj2400 ; OS/2 drivers are available from IBM and are packaged with OS/2
Compatible 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
Power requirements & consumption	
Power requirements	Input voltage 100 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)
Power supply type	Internal
Power consumption	625 watts maximum (printing), 11 watts maximum (standby), 8.5 watts maximum (powersave), 0.4 watts maximum (off)

Physical size & weight info

Dimensions (W x D x H)	425 x 400 x 260 mm
Weight	16.3 kg