

HP LaserJet Printers

HP LaserJet Printers IRG

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November 1, 1999 — January 31, 2000



	HP LaserJet 1100 xi [1100A xi]	HP LaserJet 2100 xi (2100M) [2100TN]
Product Number	C4225A [C4219A]	C4139A (C4171A) [C4172A]
Processor	35 MHz Motorola Cold Fire 5202	66 MHz
Print Speed, Black First Page Out	8 ppm 18 secs	10 ppm 17 secs
Duty Cycle, Pages Per Month	7,000	15,000
Paper Trays, Std	1	2
Paper Trays, Max	1	3
Input Capacity, Std	125 sheets	350 sheets
Input Capacity, Max	125 sheets	600 sheets
Output Capacity, Std	100 sheets	150 sheets
Output Capacity, Max	100 sheets	150 sheets
Envelope Input, Max	10	10
Duplex Printing	Manual	Manual
Media Sizes, Std	Letter, legal, executive	Letter, legal, index card
Media Sizes, Custom	3 × 5 in to 8.5 × 14 in	3 × 5 in to 8.5 × 14 in
Media Types	Paper (plain), envelopes, transparencies, labels, card stock, postcards	Paper (plain), envelopes, transparencies, labels, card stock
Media Weights	16 to 28 lb in paper output bin; 16 to 43 lb in front output slot	16 to 43 lb
Media Handling/Document Finishing	125-sheet paper input bin with single-sheet priority feed slot, 100-sheet output bin with alternate straight-through path	Specification not available
Memory, Std	2 MB	4 MB [(8 MB)]
Memory, Max	18 MB	52 MB [(40 MB)]
Connectivity, Std	IEEE 1284-compliant parallel, cable included in box	IEEE 1284-compliant parallel, infrared, 1 open EIO slot (plus LocalTalk) [plus HP JetDirect print server in EIO slot]
Connectivity, Opt	HP JetDirect external print servers	HP JetDirect 600N (EIO) internal print servers for Ethernet, Token Ring, LocalTalk
Prints Color	No	No
Print Quality, Black Best Technology, Black Print Resolution	600 dpi REt, UltraPrecise toner	1200 dpi REt, UltraPrecise toner
Print Languages, Std	HP PCL 5e	HP PCL 6 [(plus HP PostScript Level 2 emulation)]
Print Languages, Opt	None	HP PostScript Level 2 emulation [(None)]
Typefaces	26 Intellifont	10 TrueType, 35 Intellifont, plus 65 TrueType on disk [(80 device fonts plus 65 TrueType)]
Printer Management	Yes, HP Web JetAdmin	Yes, HP Web JetAdmin
Warranty Features	1 year HP Express Exchange	1 year HP Express Exchange
Dimensions (W × D × H)	14 × 13 × 15 in [14 × 16 × 15 in]	16 × 17 × 9 in [16 × 17 × 12 in]
Weight	16 lb [19 lb]	25 lb [32 lb]

HP LaserJet Printer Specifications



	HP LaserJet 4050 (4050 T) [4050 N] {4050 TN}	HP LaserJet 5000 (5000 N) [5000 GN]
Product Number	C4251A (C4252A) [C4253A] {C4254A}	C4110A (C4111A) [C4112A]
Processor	133 MHz RISC	100 MHz RISC
Print Speed, Black First Page Out	17 ppm <13 secs	16 ppm 13 secs
Duty Cycle, Pages Per Month	65,000	65,000
Paper Trays, Std	2 (3) [2] {3}	2 [(3)]
Paper Trays, Max	4 (5) [4] {5}	4
Input Capacity, Std	600 sheets	350 sheets [(850 sheets)]
Input Capacity, Max	1,100 sheets	1,100 sheets
Output Capacity, Std	300 sheets (250 sheets top, 50 sheets rear)	300 sheets (250 sheets top, 50 sheets rear)
Output Capacity, Max	300 sheets (250 sheets top, 50 sheets rear)	300 sheets (250 sheets top, 50 sheets rear)
Envelope Input, Max	75	10
Duplex Printing	Optional	Optional
Media Sizes, Std	Letter, legal, executive	Letter, legal, tabloid
Media Sizes, Custom	3 × 5 in to 8.5 × 14 in	3 × 5 in to 12.28 × 18.5 in
Media Types	Paper (copier, bond, special application, recycled), labels, transparencies	Paper (copier, bond, vellum, special application, recycled)
Media Weights	16 to 53 lb	16 to 53 lb
Media Handling/Document Finishing	N-up printing, booklet printing with duplex	Optional duplex accessory
Memory, Std	8 MB [(16 MB)]	4 MB (8 MB) [12 MB]
Memory, Max	200 MB	100 MB
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, RS-232 9-pin serial, 2 PCI-based EIO slots, Fast Infrared [(plus HP JetDirect card for Ethernet 10/100Base-TX in 1 EIO slot, Fast Infrared receiver)]	IEEE 1284-compliant bidirectional parallel, RS-232 9-pin serial, 2 PCI-based EIO slots [(plus HP JetDirect card for Ethernet/LocalTalk in 1 slot)]
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers for Ethernet, Token Ring, LocalTalk	HP JetDirect 600N (EIO) internal print servers
Prints Color	No	No
Print Quality, Black Best Technology, Black Print Resolution	1200 dpi REt, UltraPrecise toner	1200 dpi HP ProRes 1200, HP FastRes 1200
Print Languages, Std	HP PCL 6, HP PCL 5e, PostScript Level 2 emulation	HP PCL 5e, HP PCL 6, PostScript Level 2 emulation
Print Languages, Opt	IPDS and others via 3rd party	None
Typefaces	110 TrueType, plus HP FontSmart	110 TrueType, plus HP FontSmart
Printer Management	Yes, HP Web JetAdmin	Yes, HP Web JetAdmin
Warranty Features	1 year return to HP	1 year return to HP
Dimensions (W × D × H)	19 × 15 × 14 in [(17 × 15 × 15 in)] {19 × 15 × 14 in}	19 × 23 × 13 in [(19 × 25 × 20 in)]
Weight	43 lb [(50 lb)]	50 lb [(75 lb)]



	HP LaserJet 8000 (8000 N) [8000 DN]	HP LaserJet 8100 (8100 N) [8100 DN]
Product Number	C4085A (C4086A) [C4087A]	C4214A (C4215A) [C4216A]
Processor	133 MHz	166 MHz
Print Speed, Black First Page Out	24 ppm 17 secs	32 ppm 17 secs
Duty Cycle, Pages Per Month	130,000	150,000
Paper Trays, Std	3	3
Paper Trays, Max	5	5
Input Capacity, Std	1,100 sheets	1,100 sheets
Input Capacity, Max	3,100 sheets	3,100 sheets
Output Capacity, Std	600 sheets	600 sheets
Output Capacity, Max	2,600 sheets	3,600 sheets
Envelope Input, Max	100	100
Duplex Printing	Optional [Yes]	Optional [Yes]
Media Sizes, Std	Letter, legal, executive, tabloid, Monarch envelopes	Letter, legal, tabloid
Media Sizes, Custom	3.9 × 7.5 in to 11.7 × 17.7 in	3.9 × 7.5 in to 11.7 × 17.7 in
Media Types	Paper (copier, bond, special application, recycled), transparencies	Paper (copier, bond, special application, recycled)
Media Weights	16 to 53 lb, tray 1; 16 to 28 lb, trays 2 and 3	16 to 53 lb, tray 1; 16 to 28 lb, trays 2 and 3
Media Handling/Document Finishing	Multiple-input trays, 2,000–3,000-sheet stacker, 3,000-sheet stapler/stacker, multi-bin mailboxes, duplexer	Optional 3,000-sheet stacker, 3,000-sheet stapler/stacker, 8-bin mailbox, 5-bin mailbox with stapler, 7-bin tabletop mailbox; custom media tray
Memory, Std	16 MB [24 MB]	16 MB [24 MB]
Memory, Max	192 MB	208 MB
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, 3 open EIO slots [(plus HP JetDirect 10/100Base-TX card in 1 open EIO slot)]	IEEE 1284-compliant bidirectional parallel, 3 open EIO slots [(plus HP JetDirect 10/100Base-TX card in 1 open EIO slot)]
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers	HP JetDirect 600N (EIO) internal print servers
Prints Color	No	No
Print Quality, Black Best	HP FastRes 1200	HP FastRes 1200
Technology, Black Print Resolution	REt, microfine toner	HP FastRes 1200, REt
Print Languages, Std	HP PCL 6, HP PCL 5e, PostScript Level 2 emulation	HP PCL 6, HP PCL 5e, PostScript Level 2 emulation
Print Languages, Opt	None	None
Typefaces	80 TrueType, plus 65 on Windows disk	80 TrueType, plus 65 on Windows disk
Printer Management	Yes, HP Web JetAdmin	Yes, HP Web JetAdmin
Warranty Features	1 year onsite	1 year onsite
Dimensions. (W × D × H)	21 × 21 × 21 in	22 × 22 × 21 in
Weight	99 lb	113 lb w/o cartridge; 120 lb w/cartridge [121 lb w/o cartridge; 128 lb w/cartridge]

HP LaserJet Printer Specifications



	HP Color LaserJet 4500 (4500 N) [4500 DN]	HP Color LaserJet 8500 (8500 N) [8500 DN]
Product Number	C4084A (C4089A) [C4094A]	C3983A (C3984A) [C3985A]
Processor	133 MHz	133 MHz
Print Speed, Black First Page Out	16 ppm 4 ppm 36 secs color, 26 secs black	24 ppm 6 ppm 53 secs color, 38 secs black*
Duty Cycle, Pages Per Month	35,000	60,000
Paper Trays, Std	2 [3]	3 [4]
Paper Trays, Max	3	3 [4]
Input Capacity, Std	400 sheets [900 sheets]	1,100 sheets [3,100 sheets]
Input Capacity, Max	900 sheets	1,100 sheets [3,100 sheets]
Output Capacity, Std	250 sheets face down, 150 sheets face up	1,000 sheets [3,100 sheets]
Output Capacity, Max	250 sheets facedown, 150 sheets face up	3,100 sheets
Envelope Input, Max	10	10
Duplex Printing	Optional [Yes, automatic]	Optional [Yes, automatic]
Media Sizes, Std	Letter, legal, executive, envelopes (no. 10 and Monarch)	Letter, legal, tabloid
Media Sizes, Custom	3.9 × 7.5 in to 8.5 × 14 in	3.9 × 7.5 in to 12 × 18.5 in
Media Types	Paper (bond, recycled, HP Color LaserJet Soft Gloss), transparencies, labels, envelopes	Paper (copier, recycled, glossy, coated, laser), labels, envelopes, transparencies, cover, card stock
Media Weights	16 to 36 lb, tray 1; 16 to 28 lb, trays 2 and 3	16 lb to 80 lb (60 to 216 g/m ²)
Media Handling/Document Finishing	Optional	Optional 8 bin mailbox (DN model)
Memory, Std	32 MB [(64 MB)]	32 MB (32 MB, 2.1 GB HD) [64 MB, 2.1 GB HD]
Memory, Max	208 MB	256 MB
Connectivity, Std	IEEE 1284-compliant bidirectional parallel cable, 2 open EIO slots [(HP JetDirect card for Fast Ethernet 10/100Base-TX in 1 open EIO slot)]	IEEE 1284-compliant bidirectional parallel, 2 open EIO slots [(HP JetDirect card for Fast Ethernet 10/100Base-TX in 1 open slot)]
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers	HP JetDirect 600N (EIO) internal print servers
Prints Color	Yes	Yes
Print Quality, Black Best	600 dpi	600 dpi
Print Quality, Color Best	600 dpi	600 dpi
Technology, Black Print Resolution	HP ImageREt 2400	HP ImageREt 2400
Print Languages, Std	HP PCL 5c, PostScript Level 2 emulation	Adobe PostScript 3, HP PCL 5c enhanced
Print Languages, Opt	None	None
Typefaces	135 TrueType (80 built in)	136 Adobe Type 1, plus 45 HP FontSmart
Printer Management	Yes, HP Web JetAdmin	Yes, HP Web JetAdmin
Warranty Features	1 year onsite	1 year onsite
Dimensions (W × D × H)	20 × 22 × 15 in [20 × 28 × 22 in]	26 × 28 × 42 in [26 × 27 × 49 in]
Weight	112 lb [163 lb]	223 lb [270 lb]

* Produces letter-size pages two at a time. Time to second page is 2 secs more, or 55 secs for color and 40 secs for black.

HP LaserJet 1100 xi and 1100A xi Printer

The fast personal HP LaserJet printer for business users that offers optional copy and scan capabilities

HP LaserJet 1100 xi (p/n C4225A)*: Optional copy and scan capabilities
 HP LaserJet 1100A xi (p/n C4219A): Includes copy and scan capabilities

Compatibility: 1100 xi: DOS, Windows (3.x, 95, 98, and NT 4.0), OS/2; optional networks and optional Mac support via 3rd party. 1100A xi: DOS and OS/2 for printing only

Up-To-Date Product Information: www.hp.com/go/lj1100

Target Market: Business individuals who need fast desktop laser printing and high-quality output



HP LaserJet 1100 xi

Key Selling Points

- Saves time with fast 8-ppm performance, quick return to application, 18-second first-page-out, and HP's exclusive instant-on fuser
- Compatible with virtually all PC platforms—including DOS and Windows®—and most networks (with optional HP JetDirect external print servers)
- Optional upgrade to copier and scanner capabilities via exclusive HP JetPath technology (standard on LaserJet 1100A xi) to meet the needs of a growing business

Competitive Advantages

- HP's laser technology, instant-on fuser, and fast engine speed provide superior output quality and uncompromising desktop performance
- HP's new JetPath technology allows copy and scan capabilities to be added to the printer (standard on LaserJet 1100A xi)
- HP's 7,000-page monthly duty cycle and Express Exchange warranty ensure reliable performance and next-business-day replacement; HP Customer Care provides industry-leading support

What's In The Box

HP UltraPrecise toner cartridge, user documentation, software drivers on CD-ROM, power cord, IEEE-1284 compliant bidirectional parallel cable (6 ft/2 m)
 1100 xi only: The Document Builder for the Web Era from Trellix Corp. (featuring software to create Web documents)
 1100 se only: ExpressForms Value Pack from Mips Dataline America, Inc. (featuring business and tax forms designer with customizable templates, plus electronic forms demo)
 Shipping Weight: 25 lb; Shipping Dimensions: 16.9 × 17.5 × 15.5 in

* Available in U.S. commercial channel; HP LaserJet 1100 (C4224A, language option ABL or ABC) available in Canada.
 HP LaserJet 1100 se (C4226A) available in alternate channels; please contact your HP sales representative or distributor for details. HP LaserJet 1100 xi includes The Document Builder for the Web Era from Trellix Corp. HP LaserJet 1100 se includes ExpressForms Value Pack from Mips Dataline America, Inc.

HP LaserJet 1100 xi and 1100A xi Printer

Competitive Comparisons

	HP LaserJet 1100 xi [1100A xi]	Lexmark Optra E310	NEC 870	Okidata 6ex
Print Technology	Laser	Laser	Laser	LED
Print Speed	8 ppm	8 ppm	8 ppm	6 ppm
Instant-On Fuser	Yes	No	No	No
Print Quality Resolution Technology	600 dpi REt, UltraPrecise toner	600 dpi 1200 Image Quality	600 dpi No	600 dpi No
Print Languages, Std	HP PCL 5e	PCL 5 and PostScript emulations	Adobe Print Gear, PCL 4 emulation	PCL 5e emulation
Monthly Duty Cycle	7,000 pages	10,000 pages (400 pages average)*	6,000 pages	6,000 pages
Paper Trays, Std Input Capacity, Std Envelope Input, Max Media Sizes, Std	1 125 sheets 10 Letter, legal, executive, index cards	1 150 sheets N/A Letter, legal	1 150 sheets N/A Letter, legal, executive, index cards	1 100 sheets N/A Letter, legal, executive
Straight Paper Path	Yes	No	Yes	No
Memory, Std Memory, Max Memory Technology	2 MB 18 MB Yes, MEt	2 MB 66 MB Yes	2 MB 16 MB Yes	2 MB 35 MB Yes
Typefaces	26 Intellifont	45 PCL	15 Adobe Type 1, 14 PCL	45
Connectivity, Std	IEEE 1284-compliant parallel, cable included in box	IEEE 1284-compliant parallel, USB	IEEE 1284-compliant parallel	IEEE 1284-compliant parallel
Connectivity, Opt	HP JetDirect external print servers	External adapter	External adapter	None
Powersave Mode	Yes	Yes	N/A	Yes
EconoMode Printing	Yes	Yes	Yes	N/A
All-In-One Toner Cartridge	Yes	Yes	No	No
Copy/Scan Capabilities	Optional [Yes]	No	No	No
Warranty Features	1 year HP Express Exchange	1 year Lex Express	2 year limited	5 year printhead
Dimensions (W × D)	14 × 13 in [14 × 16 in]	14 × 9 in	15 × 12 in	13 × 14 in

N/A: Information not available

* "10,000 pages" per data sheet, "400 pages average" per Web site

HP Supplies and Accessories

Copier/scanner accessory	C4221A	Parallel cables, IEEE 1284-compliant (C-type connector):
2,500-page UltraPrecise toner cartridge	C4092A	2-meter C2945A 10-meter C2947A
EDO DIMM:		3-meter C2946A
4 MB C4135A 16 MB C4137A		HP SupportPack Express Exchange service contracts:
8 MB C4136A		2 years H2627E
HP JetDirect external print servers:		3 years H5465A, H5465E
170X, 10Base-T (1-port)	J3258B	HP SupportPack 3-year, Next-Day Onsite
300X, 10/100Base-TX (1-port)	J3263A	service contract H5473A, H5473E
500X, Token Ring (3-port)	J3264A	HP SupportPack 3-year, Return-to-HP
500X, 10/100Base-TX (3-port)	J3265A	service contract H2634E

HP LaserJet Printers

HP LaserJet 2100 xi, 2100M, and 2100TN Printer

Versatile laser printer for small workgroups and individuals with advanced printing needs

HP LaserJet 2100 xi (p/n C4139A)*: 4 MB RAM, 350-sheet input (1 250-sheet and 1 100-sheet tray); optional HP PostScript emulation, paper tray, and networking
HP LaserJet 2100M (p/n C4171A): 8 MB RAM, 350-sheet input (1 250-sheet and 1 100-sheet tray), HP PostScript emulation; optional paper tray and networking
HP LaserJet 2100TN (p/n C4172A): 8 MB RAM, 600-sheet input (2 250-sheet and 1 100-sheet tray), HP PostScript emulation, HP JetDirect 600N (EIO) 10Base-T print server



HP LaserJet 2100 xi

Compatibility: 2100 xi: DOS, Windows (NT, 9x, and 3.x), OS/2; optional networks and Mac with PostScript. 2100M: plus Mac. 2100TN: plus Mac, NetWare, Windows NT Server, UNIX (HP-UX and Solaris)

Up-To-Date Product Information: www.hp.com/go/lj2100

Target Market: Small workgroups and individuals with advanced printing needs

Key Selling Points

- **Fast 10-ppm print speed**, instant-on fuser, 4 MB standard memory, and 15,000-page monthly duty cycle deliver high performance for small workgroups
- True 1200 by 1200-dpi printing at full engine speed provides **superior quality**
- **Full range of expansion options** includes HP JetDirect 600N (EIO) print servers, HP PostScript emulation, additional paper trays, and memory (some options are standard on LaserJet 2100M and 2100TN)

Competitive Advantages

- HP provides the fastest true 1200 by 1200-dpi output of any printer in its class
- HP's two standard paper trays, straight-through paper path, custom media-handling capabilities, and optional third paper tray allow for flexible handling of different media sizes and weights
- HP Customer Care provides award-winning service and support**

What's In The Box

Power cord, toner cartridge, software CD-ROM, User's Guide
 2100 se includes ExpressForms Value Pack from Mips Dataline America, Inc.
 2100 xi includes The Document Builder for the Web Era from Trellex Corp.
 2100M includes additional HP PostScript Level 2 emulation DIMM (plus 4 MB memory)
 2100TN includes additional HP PostScript Level 2 emulation DIMM (plus 4 MB memory), additional 250-sheet paper tray, and HP JetDirect 600N (EIO) 10Base-T print server
 Shipping Weight: 2100 xi: 30.5 lb; 2100M: 30.5 lb; 2100TN: 38 lb; Shipping Dimensions: 2100 xi: 12.1 × 23.5 × 19.6 in; 2100M: 12.1 × 23.5 × 19.6 in; 2100TN: 17.4 × 23.5 × 19.6 in

* Available in U.S. commercial channel; HP LaserJet 2100 (C4170A, language option ABL or ABC) available in Canada.
 HP LaserJet 2100 se (C4138A) available in alternate channels; please contact your HP sales representative or distributor for details. HP LaserJet 2100 xi includes The Document Builder for the Web Era from Trellex Corp. HP LaserJet 2100 se includes ExpressForms Value Pack from Mips Dataline America, Inc.

** HP received an "A" rating (fourth year in a row) in *PC Magazine's* 1998 Reader Service and Reliability Survey (July 1998 issue).

HP LaserJet 2100 xi, 2100M, and 2100TN Printer

Competitive Comparisons

	HP LaserJet 2100 xi (2100M) [2100TN]	Lexmark K 1220	Xerox DocuPrint 4512	NEC Superscript 1260
Processor	66 MHz	33 MHz	20 MHz	60 MHz
Print Speed	10 ppm	12 ppm	12 ppm	12 ppm
Paper Trays, Std	2	1	2	2
Input Capacity, Std	350 sheets	200 sheets	500 sheets	330 sheets
Envelope Input, Max	10	N/A	N/A	N/A
Media Types	Paper (plain), labels, envelopes, card stock, transparencies	Paper (plain), labels, envelopes, card stock, transparencies	Paper (plain), labels, envelopes, card stock, transparencies	Paper (plain), labels, envelopes, card stock, transparencies
Media Weights	16 to 43 lb	16 to 28 lb	16 to 36 lb	20 to 50 lb
Straight Paper Path	Yes	No	No	No
Job Cancel Button	Yes	No	No	No
Memory, Std	4 MB [(8 MB)]	2 MB	4 MB	2 MB
Memory, Max	52 MB [(40 MB)]	66 MB	50 MB	16 MB
Connectivity, Std	IEEE 1284-compliant parallel, infrared, 1 open EIO slot (plus LocalTalk) [plus HP JetDirect print server in EIO slot]	Bidirectional parallel	Bidirectional parallel	Bidirectional parallel
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers for Ethernet, Token Ring, LocalTalk	Network Interface Kit	Network Interface Kit	Network Interface Kit
Instant-On Fuser	Yes	No	No	No
Print Quality	1200 dpi	600 dpi	600 dpi	600 dpi
Resolution Technology	RET, UltraPrecise toner	1200 Image Quality	No	NEC SET
Print Languages, Std	HP PCL 6 [(plus HP PostScript Level 2 emulation)]	PCL 6 and PostScript Level 2 emulations	PCL 5e emulation	Adobe Print Gear, PCL 4 emulation
Typefaces	10 TrueType, 35 Intellifont, plus 65 TrueType on disk [(80 device fonts plus 65 TrueType)]	75 PostScript, 75 PCL	35 Type 1, 45 PCL, 110 on disk	78 Type 1, 7 PCL
Wireless Printing, Std	Yes	No	No	No
Warranty Features	1 year HP Express Exchange	1 year	Total Satisfaction Guarantee	1 year
Dimensions (W × D)	16 × 17 in	16 × 16 in	13 × 19 in	17 × 16 in

N/A: Information not available

HP Supplies and Accessories

5,000-page UltraPrecise toner cartridge	C4096A	HP JetDirect 600N (EIO) internal print servers:	
HP PostScript Level 2 emulation DIMM (includes 4 MB memory)	C3098A	Ethernet 10Base-T	J3110A
4-MB 100-pin EDO DIMM	C4135A	Ethernet 10Base-T, 10Base2, and LocalTalk	J3111A
8-MB 100-pin EDO DIMM	C4136A	Token Ring	J3112A
16-MB 100-pin EDO DIMM	C4137A	Fast Ethernet/Ethernet 10/100Base-TX	J3113A
250-sheet input tray	C4793A	HP SupportPack 3-year, Express Exchange service contract	H5471A, H5471E
Bidirectional parallel cables, IEEE 1284-compliant:		HP SupportPack 3-year, Next-Day Onsite service contract	H5478A, H5478E
2-meter	C2950A	HP SupportPack 3-year, Return-to-HP service contract	H2646E
3-meter	C2951A		
HP JetDirect (EIO) connectivity card for USB/Serial/LocalTalk	J4135A		

HP LaserJet 4050, 4050 T, 4050 N, and 4050 TN Printer

HP's versatile, 17 page-per-minute black-and-white printer for small to medium workgroups



HP LaserJet 4050

HP LaserJet 4050 (p/n C4251A)*: 2 paper trays, 8 MB RAM; optional networking and Fast Infrared receiver
HP LaserJet 4050 T (p/n C4252A)*: 3 paper trays, 8 MB RAM; optional networking and Fast Infrared receiver
HP LaserJet 4050 N (p/n C4253A)*: 2 paper trays, 16 MB RAM, HP JetDirect 600N internal print server for Ethernet 10/100Base-TX, Fast Infrared receiver
HP LaserJet 4050 TN (p/n C4254A)*: 3 paper trays, 16 MB RAM, HP JetDirect 600N internal print server for Ethernet 10/100Base-TX, Fast Infrared receiver

Compatibility: 4050, 4050 T: DOS, Windows (3.x, 9x, and NT), OS/2, 4050 N and 4050 TN: plus Mac, NetWare, Windows NT Server, UNIX (HP-UX and Solaris)

Up-To-Date Product Information: www.hp.com/go/lj4050

Target Market: Small- to medium-size workgroups with general office and specialized printing needs

Key Selling Points

- **Increased printing and networking performance at no additional cost**, with new 133-MHz processor, twice the standard memory, 1200-dpi output at full engine speed, and HP JetDirect 10/100Base-TX internal print server (optional for LaserJet 4050 and 4050 T)
- New convenience features (optional hard disk required) provide users with **more control over how and when documents are printed**—including Quick Copy, Private Printing, Proof and Hold, and Stored Jobs—plus Fast Infrared port and receiver (Fast Infrared receiver optional for LaserJet 4050 and 4050 T) for walk-up, cable-free printing
- **Expandable design** meets both general office and specialized business printing needs, with seamless integration of paper-handling accessories plus flexible connectivity in virtually all network environments

Competitive Advantages

- HP prints documents faster due to its unique instant-on ceramic fuser, with first-page-out in less than 13 seconds from a warm or cold start
- HP offers larger standard capacity and a unique straight-through paper path that enables users to print more sizes (3 by 5-inch cards to legal) and weights (16 to 53 lb)
- HP's industry-leading Web JetAdmin peripheral management software saves administrative time and IS dollars with remote real-time installation, configuration, and management right from the desktop

What's In The Box

Power cord, software driver CD-ROM, online user's documentation, HP PCL 5e errata sheet, manual bundle, toner cartridge
 4050 N and 4050 TN only: 8 MB SDRAM DIMM, HP JetDirect internal print server for Ethernet 10/100Base-TX, Fast Infrared receiver
 Shipping Weight: 4050: 54 lb; 4050 T: 58 lb; 4050 N: 55 lb; 4050 TN: 59 lb; Shipping Dimensions: 4050: 23.62 × 19.69 × 17.72 in; 4050 T: 23.62 × 19.69 × 20.08 in; 4050 N: 23.62 × 19.69 × 17.72 in; 4050 TN: 23.62 × 19.69 × 20.08 in

* In Canada, specify language option (ABA or ABC).

HP LaserJet 4050, 4050 T, 4050 N, and 4050 TN Printer

Competitive Comparisons

	HP LaserJet 4050 (4050 T) [4050 N] [4050 TN]	Lexmark Optra S 1855 [1855n]	Lexmark Optra S 1625 [1625n]	Xerox DocuPrint N17
Processor	133 MHz RISC	133 MHz RISC	100 MHz RISC	66 MHz RISC
Print Speed	17 ppm	18 ppm	16 ppm	17 ppm
Monthly Duty Cycle	65,000 pages	65,000 pages	65,000 pages	65,000 pages
Paper Trays, Std	2 (3) [2] {3}	2	2	2
Input Capacity, Std	600 sheets	350 sheets	350 sheets	350 sheets
Output Capacity, Std	300 sheets	250 sheets	250 sheets	250 sheets
Straight Paper Path	Yes	No	No	No
Duplex Printing	Optional	Optional	Optional	Optional
Job Cancel Button	Yes	No	No	No
Web Based Utility For Administration	Yes	Yes	Yes	No
Memory, Std	8 MB [16 MB]	8 MB	4 MB	16 MB
Memory, Max	200 MB	132 MB	132 MB	104 MB
Optional Hard Disk	>2 GB	2.1 GB	2.1 GB	2.1 GB
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, RS-232 9-pin serial, 2 PCI-based EIO slots, Fast Infrared [(plus HP JetDirect card for Ethernet 10/100Base-TX in 1 EIO slot, Fast Infrared receiver)]	Bidirectional parallel, serial, 2 interface card slots [plus Ethernet card in 1 slot]	Bidirectional parallel, 1 ISP slot [plus Ethernet card in 1 slot]	Bidirectional parallel, Ethernet, 2 XNIC slots
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers for Ethernet, Token Ring, LocalTalk	Ethernet, Token Ring, LocalTalk	Ethernet, Token Ring, LocalTalk, serial	Ethernet, Token Ring, LocalTalk
Print Quality	1200 dpi	1200 dpi	1200 dpi	1200 × 600 dpi (PS only)
Resolution Technology	Ret, UltraPrecise toner	PQET	PQET	APT
Print Languages, Std	HP PCL 6, HP PCL 5e, PostScript Level 2 emulation	PCL 6 and PostScript Level 2 emulations	PCL 6 and PostScript Level 2 emulations	PCL 5e emulation and Adobe PostScript 3
Warranty Features	1 year return to HP	1 year	1 year	1 year
Dimensions (W × D)	19 × 15 in [(17 × 15 in)] {19 × 15 in}	17 × 20 in	17 × 20 in	17 × 17 in

HP Supplies and Accessories

10,000-page UltraPrecise toner cartridge	C4127X	Installation of consumables maintenance kit	H3700
6,000-page UltraPrecise toner cartridge	C4127A	DIMMs:	
>2-GB EIO disk drive	C2985B	2-MB Flash	C4286A
Fast Infrared receiver	C4103A	8-MB EDO	C4136A
500-sheet feeder with universal paper tray (A5 to legal sizes)	C4124A	8-MB SDRAM	C4141A
500-sheet universal replacement paper tray (for C4124A only)	C4125A	32-MB SDRAM	C4143A
500-sheet replacement tray (letter, A4, legal sizes; for C4251A, C4253A only)	C3122A	HP JetDirect 600N (EIO) internal print servers:	
250-sheet replacement tray (7 sizes; for C4252A, C4254A only)	C4126A	Ethernet 10Base-T	J3110A
75-envelope power feeder	C4122A	Ethernet 10Base-T, 10Base2, and LocalTalk	J3111A
Bidirectional parallel cables, IEEE 1284-compliant:		Token Ring	J3112A
2-meter C2950A	C2951A	Fast Ethernet/Ethernet 10/100Base-TX	J3113A
3-meter C4123A	C4123A	HP JetDirect (EIO) connectivity card for USB/Serial/LocalTalk	J4135A
Duplex assembly for two-sided printing	C4118-67302	HP SupportPack 3-year, Next-Day Onsite service contract	H5479A, H5479E
Consumables maintenance kit (110 volt)		HP SupportPack 3-year, Return-to-HP Service Contract	H2657E

HP LaserJet 5000, 5000 N, and 5000 GN Printer

The wide-format-capable, black-and-white HP LaserJet printer for workgroups

HP LaserJet 5000 (p/n C4110A)*: 2 paper trays, 350-sheet input capacity, 4 MB RAM; optional hard disk and networking
HP LaserJet 5000 N (p/n C4111A)*: 3 paper trays, 850-sheet input capacity, 8 MB RAM, HP JetDirect card for Ethernet/LocalTalk; optional hard disk
HP LaserJet 5000 GN (p/n C4112A)*: 3 paper trays, 850-sheet input capacity, 12 MB RAM, >2-GB hard disk, HP JetDirect card for Ethernet/LocalTalk

Compatibility: 5000 N, 5000 GN: DOS, Windows (95, NT, for Workgroups), OS/2, Mac, UNIX, NetWare. 5000: Mac, OS/2, and networks optional

Up-To-Date Product Information: www.hp.com/go/lj5000

Target Market: IS/LAN managers who support end users with printing needs up to 11 by 17 inches; end users and designers in CAD and DTP environments



HP LaserJet 5000 GN



Key Selling Points

- Versatile printing with 3 by 5-inch to 11 by 17-inch output is **ideal for finance, CAD, DTP, and general office workgroups**
- HP ProRes 1200 and HP FastRes 1200 deliver **near-typeset-quality 1200-dpi output** with fine details
- **Extensive network connectivity** with HP JetDirect internal print server (optional for LaserJet 5000) and industry-leading printer management solutions

Competitive Advantages

- HP has an unequaled reputation for quality and reliability
- HP offers more convenient media handling for general office, CAD, and DTP environments
- HP ProRes 1200 provides true 1200-dpi resolution for superior output quality

What's In The Box

1 100-sheet multipurpose tray, 1 250-sheet tray, power cord, User's Guide, HP JetAdmin printer management software, 1 HP UltraPrecise toner cartridge
 5000: 4 MB standard RAM with Memory Enhancement technology
 5000 N: Additional 500-sheet tray for total input capacity of 850 sheets, 8 MB standard RAM with Memory Enhancement technology, HP JetDirect 600N print server for Ethernet 10BaseT/10Base2, and LocalTalk networks
 5000 GN: Additional 500-sheet tray for total input capacity of 850 sheets, 12 MB standard RAM with Memory Enhancement technology, HP JetDirect print server for Ethernet 10BaseT/10Base2 and LocalTalk networks, >2-GB EIO disk drive
 Shipping Weight: 5000: 66 lb; 5000N/5000GN: 104 lb; Shipping Dimensions: 28.9 × 23.7 × 16 in

HP LaserJet 5000, 5000 N, and 5000 GN Printer

Competitive Comparisons

	HP LaserJet 5000 (5000 N) [5000 GN]	IBM InfoPrint 20	Minolta PageWorks 20
Processor	100 MHz RISC	50 MHz RISC	100 MHz RISC
Print Speed	16 ppm	20 ppm	20 ppm
Monthly Duty Cycle	65,000 pages	75,000 pages	75,000 pages
Paper Trays, Std	2 [(3)]	2	2
Paper Trays, Max	4	4	3
Input Capacity, Std	350 sheets [(850 sheets)]	650 sheets	650 sheets
Input Capacity, Max	1,100 sheets	3,150 sheets	1,150 sheets
Media Sizes, Std	Letter, legal, tabloid	Letter, legal, tabloid	Letter, legal, tabloid
Full Bleed Capability	Yes	Yes	Yes
Duplex Printing	Optional	Standard	Optional
Memory, Std	4 MB (8 MB) [12 MB]	8 MB	4 MB
Memory, Max	100 MB	96 MB	68 MB
Hard Disk Drive	Optional [Yes, >2 GB]	No	No
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, RS-232 serial, 2 PCI-based EIO slots [(plus HP JetDirect card for Ethernet/LocalTalk in 1 slot)]	Bidirectional parallel, serial	IEEE 1284-compliant parallel
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers	N/A	Ethernet
Print Quality	1200 dpi	1200 dpi emulation	600 dpi
Resolution Technology	HP ProRes 1200, HP FastRes 1200	APT	Fine-ART
Print Languages, Std	HP PCL 5e, HP PCL 6, PostScript Level 2 emulation	PCL 5e emulation, PostScript 3	PCL 5e emulation
Typefaces	110 TrueType, plus HP FontSmart	35 PCL, 18 TrueType, 136 PostScript	35 Intellifont, 10 TrueType, Minolta font manager
Warranty Features	1 year return to HP	1 year onsite	1 year onsite
Dimensions (W × D)	19 × 23 in [(19 × 25 in)]	16 × 23 in	22 × 16 in

N/A: Information not available

HP Supplies and Accessories

10,000-page UltraPrecise toner cartridge, single unit	C4129X	HP JetDirect 600N (EIO) internal print servers:	
10,000-page UltraPrecise toner cartridge, pallet quantity	C4130X	Ethernet 10Base-T	J3110A
Duplex printing accessory	C4113A	Ethernet 10Base-T, 10Base2, and LocalTalk	J3111A
250-sheet paper input tray	C4116A	Token Ring	J3112A
500-sheet paper input tray	C4117A	Fast Ethernet/Ethernet 10/100Base-TX	J3113A
250-sheet paper feeder with paper tray	C4114A	HP JetDirect (EIO) connectivity card for USB/Serial/LocalTalk	J4135A
500-sheet paper feeder with universal paper tray	C4115A	HP SupportPack Next-Day Onsite service contracts:	
>2-GB EIO disk drive	C2985B	1 year	H2664E
Bidirectional parallel cables, IEEE 1284-compliant:		2 years	H2665E
2-meter C2950A	3-meter C2951A	3 years	H5479A, H5479E
SDRAM DIMM:		4 years	H2668E
4 MB C4140A	8 MB C4141A	5 years	H2669E
16 MB C4142A	32 MB C4143A	HP SupportPack Return-to-HP service contracts:	
EDO DIMM:		2 years	H2656E
4 MB C4135A	8 MB C4136A	3 years	H2657E
16 MB C4137A		4 years	H2658E
Flash DIMM:		5 years	H2659E
2 MB C4286A	4 MB C4287A		

* In Canada, specify language option (ABL or ABC) when ordering; please contact your HP sales representative or distributor for details.

HP LaserJet 8000, 8000 N, and 8000 DN Printer

The high-volume printer that delivers performance, reliability, and multiple paper-handling options for medium to large network printing environments



HP LaserJet 8000 N

HP LaserJet 8000 (p/n C4085A)*: 16 MB RAM; optional duplex printing and networking

HP LaserJet 8000 N (p/n C4086A)*: 16 MB RAM, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX; optional duplex printing

HP LaserJet 8000 DN (p/n C4087A)*: 24 MB RAM, duplex printing, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX

Compatibility: 8000 N, 8000 DN: DOS, Windows (95, NT, for Workgroups), OS/2, Mac, UNIX, NetWare networks. 8000: Optional Mac and networks

Up-To-Date Product Information: www.hp.com/go/lj8000

Target Market: Medium to large networked departments with demanding print-volume and paper-handling requirements



Key Selling Points

- 24-ppm print speed, 133-MHz processor, and RAM-based mopying with dynamic RIP-once abilities deliver improved performance for **fast, efficient multiple original prints** (mopies) over the network
- Versatile paper handling—1,100-sheet standard input capacity expandable to 3,100 sheets and 600-sheet standard output capacity expandable to 2,600 sheets—for **productivity and flexibility with minimal user attention**
- Low cost per page, 130,000-page monthly duty cycle, and remote printer management over the Internet via a standard Web browser **reduce lifetime cost of ownership**

Competitive Advantages

- HP has a 133-MHz processor and 16 MB standard memory, along with RAM-based mopying with dynamic RIP-once abilities for fast, high-quality output
- HP offers a straight-through paper path for heavier media, and can print and duplex up to 11 by 17-inch paper
- HP Web JetAdmin provides Web-based network printer management for real-time remote installation, configuration, and proactive resource management

What's In The Box

1 100-sheet multipurpose tray, 2 500-sheet trays, power cord, User's Guide, HP Web JetAdmin and HP JetAdmin printer management software, HP toner cartridge
 8000: Parallel 3-meter cable A to C, 16 MB RAM
 8000 N: HP JetDirect print server for Fast Ethernet 10/100Base-TX networks, 16 MB RAM
 8000 DN: HP JetDirect print server for Fast Ethernet 10/100Base-TX networks, 24 MB RAM, auto-duplex unit for two-sided printing
 Shipping Weight: 145 lb; Shipping Dimensions: 31.5 × 27.6 × 29.0 in

HP LaserJet 8000, 8000 N, and 8000 DN Printer

Competitive Comparisons

	HP LaserJet 8000 (8000 N) [8000 DN]	Lexmark Optra S Model 2455 [2455N]	Xerox DocuPrint N24	IBM NP24 [NP24PS]
Processor	133 MHz	133 MHz	66 MHz	66 MHz
Print Speed	24 ppm	24 ppm	24 ppm	24 ppm
Monthly Duty Cycle	130,000 pages	100,000 pages	150,000 pages	100,000 pages
Paper Trays, Std	3	3	3	3
Paper Trays, Max	5	5	5	4
Input Capacity, Std	1,100 sheets	1,250 sheets	1,050 sheets	1,100 sheets
Input Capacity, Max	3,100 sheets	3,750 sheets	3,550 sheets	3,100 sheets
Output Capacity, Std	600 sheets	500 sheets	700 sheets	600 sheets
Output Capacity, Max	2,600 sheets	2,450 sheets	2,700 sheets	2,600 sheets
Media Sizes, Min	3.9 × 7.5 in	5.8 × 8.3 in	5.5 × 8.5 in	3.9 × 7.5 in
Media Sizes, Max	11.7 × 17.7 in	8.5 × 14 in	11.7 × 17.7 in	11.7 × 17.7 in
Envelope Input, Max	100	85	100	100
Memory, Std	16 MB [24 MB]	8 MB [16 MB]	12 MB	4 MB
Memory, Max	192 MB	136 MB	128 MB	68 MB
Optional Disk Drive	>2 GB	2.1 GB	>1 GB	810 MB
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, 3 open EIO slots [(plus HP JetDirect 10/100Base-TX card in 1 open EIO slot)]	IEEE 1284-compliant parallel, 3 open slots [Ethernet 10/100Base-TX, 2 open slots]	IEEE 1284-compliant bidirectional parallel, RS-232-C, Ethernet 10Base2 and 10Base-T, 1 open slot	Bidirectional parallel [2 open slots]
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers	Ethernet, 10/100Base-TX, 10Base2, Token Ring, LocalTalk, Twinaxial, Coaxial	Token Ring	Ethernet, Token Ring, Twinaxial, Coaxial
Print Quality	HP FastRes 1200	1200 dpi	600 dpi	600 dpi
Print Languages, Std	HP PCL 6, HP PCL 5e, PostScript Level 2 emulation	PCL 6 and PostScript Level 2 emulations	PCL 5e emulation, PostScript Level 2	PCL 5e emulation, IPDS, SCS [plus PostScript Level 2]
Warranty Features	1 year onsite	1 year onsite	1 year limited	1 year onsite
Dimensions (W × D)	21 × 21 in	18 × 21 in	26 × 21 in	22 × 22 in

HP Supplies and Accessories

15,000-page microfine toner cartridge	C3909A	HP SupportPack 4-Hour Onsite Response service contracts:		
Auto-duplex unit	C4782A	1 year		H2679E
2,000-sheet input tray	C4781A	2 years		H2680E
2 × 500-sheet multiple input tray	C4780A	3 years		H5492A, H5492E
3,000-sheet stacker	C4779A	HP SupportPack Next-Day Onsite service contracts:		
3,000-sheet stapler/stacker	C4788A	2 years		H2674E
Staples for 3,000-sheet stapler/stacker	C4791A	3 years		H5491A, H5491E
7-bin tabletop mailbox	C4783A	5 years		H2678E
8-bin mailbox	C4785A	Flash DIMM (Fonts & Forms storage):		
5-bin mailbox with stapler	C4787A	2 MB	C4286A	4 MB
Staples for 5-bin mailbox with stapler	C3772A	DIMM:		
100-envelope feeder	C3765B	4-MB EDO	C4135A	8-MB EDO
Printer cabinet	C2975A	16-MB EDO	C4137A	
>2-GB EIO disk drive	C2985B	4-MB SDRAM	C4140A	8-MB SDRAM
HP JetDirect 600N (EIO) internal print servers:		16-MB SDRAM	C4142A	32-MB SDRAM
Fast Ethernet 10/100Base-TX	J3113A	64-MB SDRAM	C3913A	
Ethernet 10Base-T	J3110A	Bidirectional parallel cable, IEEE 1284-compliant:		
Ethernet 10Base-T, 10Base2, and LocalTalk	J3111A	3-meter A to C		C2946A
Token Ring	J3112A	10-meter A to C		C2947A
HP JetDirect (EIO) connectivity card for USB/Serial/LocalTalk	J4135A			

HP LaserJet 8100, 8100 N, and 8100 DN Printer

The high-volume, versatile printer with high performance, reliability, and low cost of ownership for medium to large network printing environments



HP LaserJet 8100 N



HP LaserJet 8100 (p/n C4214A)*: 16 MB RAM; optional duplex printing and networking

HP LaserJet 8100 N (p/n C4215A)*: 16 MB RAM, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX; optional duplex printing

HP LaserJet 8100 DN (p/n C4216A)*: 24 MB RAM, duplex printing, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX

Compatibility: 8100 N, 8100 DN: DOS, Windows (95, 98, and NT), OS/2, Mac, UNIX, NetWare networks. 8100: Mac and networks optional

Up-To-Date Product Information: www.hp.com/go/lj8100

Target Market: Medium to large networked printing environments with high-performance and versatile high-volume printing needs

Key Selling Points

- Unrivaled performance with 32-ppm print speed, 166-MHz processor, and 16 MB memory (24 MB on HP LaserJet 8100 DN) reduces waiting time and simplifies the printing of large, complex documents; HP Transmit Once technology minimizes network traffic; and dynamic RIP-once technology allows **faster processing of multiple original prints at engine speed**
- Increased versatility with **job retention features** (optional hard disk required) including Private Printing for high-security documents, Proof and Hold for print job preview then print/cancel, Quick Copy for additional copies of a job after printing, and Stored Jobs for storing frequently used documents; **high-capacity output** including optional 3,000-sheet stacker and stapler/stacker for large print runs or multiple original prints; and optional **Fast IR** for walkup infrared printing
- **Low cost per page** (less than 1 cent U.S.) with high-yield, 20,000-page HP UltraPrecise toner cartridge and 150,000-page printer monthly duty cycle

Competitive Advantages

- HP's 32-ppm engine and 166-MHz processor outperform higher page-per-minute engines in true operational throughput performance**
- HP's cost per page is 0.5 to 1.5 cents lower than the competition***
- HP provides simple network installation and advanced remote printer management with HP JetDirect internal print servers and HP Web JetAdmin printer management software

What's In The Box

1 100-sheet multipurpose tray, 2 500-sheet trays, power cord, User's Guide, HP Web JetAdmin and HP JetAdmin printer management software, HP UltraPrecise toner cartridge
 8100: Parallel 3-meter cable A to C, 16 MB standard RAM with Memory Enhancement technology (MET)
 8100 N: HP JetDirect print server for Fast Ethernet 10/100Base-TX networks, 16 MB standard RAM with MET
 8100 DN: HP JetDirect internal print server for Fast Ethernet 10/100Base-TX networks, 24 MB standard RAM with MET, auto-duplex unit for two-sided printing
 Shipping Weight: 147 lb; Shipping Dimensions: 28.9 × 32 × 28 in

* In Canada, specify language option (ABL or ABC). ** Source: HP performance testing, January 1999

*** Source: Torrey Pines Research, February 1999

HP LaserJet 8100, 8100 N, and 8100 DN Printer

Competitive Comparisons

	HP LaserJet 8100 (8100 N) [8100 DN]	Xerox DocuPrint N32	IBM InfoPrint 32
Processor	166 MHz	66 MHz	66 MHz
Print Speed	32 ppm	32 ppm	32 ppm
Monthly Duty Cycle	150,000 pages	150,000 pages	150,000 pages
Paper Trays, Std	3	3	3
Paper Trays, Max	5	5	6
Input Capacity, Std	1,100 sheets	1,050 sheets	1,050 sheets
Input Capacity, Max	3,100 sheets	3,550 sheets	3,550 sheets
Output Capacity, Std	600 sheets	700 sheets	500 sheets
Output Capacity, Max	3,600 sheets	2,700 sheets	2,500 sheets
Envelope Input, Max	100	100	100
Media Sizes, Std	Letter, legal, tabloid	Letter, legal, tabloid	Letter, legal, tabloid
Duplex Printing	Optional [Yes]	Optional	Yes
Memory, Std	16 MB [24 MB]	12 MB	8 MB
Memory, Max	208 MB	128 MB	64 MB
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, 3 open EIO slots (plus HP JetDirect 10/100Base-TX card in 1 open EIO slot)	IEEE 1284-compliant bidirectional parallel, serial, 10Base2, 10Base-T, 1 open slot	IEEE 1284-compliant bidirectional parallel
Connectivity, Opt	HP JetDirect 600N (EIO) internal print servers	Token Ring	Ethernet, Token Ring, Twinaxial, Coaxial
Print Quality	HP FastRes 1200	600 dpi	600 dpi, REFINE mode
Print Languages, Std	HP PCL 6, HP PCL 5e, PostScript Level 2 emulation	PCL 5e emulation, PostScript 3	PCL 5e emulation, PostScript 3
Typefaces	80 TrueType, plus 65 on Windows disk	10 TrueType, 35 Intellifont, 35 Adobe Type 1	65 Adobe Type 1, 58 PCL, 100 IPDS
Warranty Features	1 year onsite	1 year limited	1 year onsite
Dimensions (W × D × H)	22 × 22 × 21 in	26 × 21 × 20 in	30 × 21 × 19 in

HP Supplies and Accessories

20,000-page UltraPrecise toner cartridge	C4182X	HP SupportPack 3-year, Next-Day Onsite service contract	H5491A, H5491E
2 × 500-sheet input tray	C4780A		
2,000-sheet input tray	C4781A	HP JetDirect 600N (EIO) internal print servers:	
Auto-duplex unit	C4782A	Ethernet 10Base-T	J3110A
3,000-sheet stacker	C4779A	Ethernet 10Base-T, 10Base2, and LocalTalk	J3111A
350-sheet custom media tray	C4184A	Token Ring	J3112A
3,000-sheet stapler/stacker	C4788A	Fast Ethernet 10/100Base-TX	J3113A
Staples for 3,000-sheet stapler/stacker	C4791A	HP JetDirect (EIO) connectivity card for	
7-bin tabletop mailbox	C4783A	USB/Serial/LocalTalk	J4135A
8-bin mailbox	C4785A	Parallel 3-meter cable, A to C	C2946A
5-bin mailbox with stapler	C4787A	Parallel 10-meter cable, A to C	C2947A
Staples for 5-bin mailbox with stapler	C3772A	Flash DIMM:	
Envelope feeder	C3765B	2 MB C4286A	4 MB C4287A
Printer cabinet	C2975A	EDO DIMM:	
>2-GB EIO disk drive	C2985B	4 MB C4135A	8 MB C4136A
Fast Infrared receiver	C4103A	16 MB C4137A	
Maintenance Kit (110 volt) (required every 350,000 pages)	C3914A	SDRAM DIMM:	
HP SupportPack 4-Hour Onsite Response service contracts:		4 MB C4140A	8 MB C4141A
1 year	H2679E	16 MB C4142A	32 MB C4143A
3 years	H5492A, H5492E	64 MB C3913A	
5 years	H2683E		

HP Color LaserJet 4500, 4500 N, and 4500 DN Printer

The new standard in workgroup color laser printing

HP Color LaserJet 4500 (p/n C4084A)*: 2 paper trays, 400-sheet input capacity, 32 MB RAM; optional duplex printing, networking, and 500-sheet input tray

HP Color LaserJet 4500 N (p/n C4089A)*: 2 paper trays, 400-sheet input capacity, 64 MB RAM, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX; optional duplex printing and 500-sheet input tray

HP Color LaserJet 4500 DN (p/n C4094A)*: 3 paper trays, 900-sheet input capacity, 64 MB RAM, duplex printing, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX



HP Color LaserJet 4500 DN



HP Color LaserJet 4500 DN

Compatibility: 4500 N, 4500 DN: DOS, Windows (95, 98, and NT), OS/2, Mac, UNIX, NetWare networks. 4500: Mac, UNIX, and networks optional

Up-To-Date Product Information: www.hp.com/go/clj4500

Target Market: IS managers and business professionals who need to produce color documents, from sales-winning marketing presentations to polished, easy-to-read financial statements

Key Selling Points

- **Exceptional print quality** right out of the box, delivered with no performance trade-offs and with the overall reliability users expect from HP
- **Easy connectivity and manageability** with HP Web JetAdmin network printer management software and HP JetDirect 600N (EIO) internal print servers
- HP Auto-Duplex Unit (optional on HP Color LaserJet 4500 and 4500 N) **prints on both sides of the page automatically**, allowing users to quickly and easily create their own reports, brochures, and fliers

Competitive Advantages

- HP Color LaserJets deliver the same quality, reliability, and compatibility that users have come to expect from HP monochrome printers
- HP delivers industry-leading connectivity and manageability with HP JetDirect 600N (EIO) internal print servers and HP Web JetAdmin network printer management software
- HP delivers industry-leading cost of ownership—leading cost per page, competitive purchase price, and low maintenance cost

What's In The Box

1 150-sheet multipurpose tray, 1 250-sheet tray, power cord, User's Guide, HP JetAdmin printer management software, 1 set of all consumables, productivity CD, Getting Started Guide, Quick Reference Guide
 4500: IEEE 1284-compliant bidirectional parallel cable, 32 MB standard RAM with Memory Enhancement technology
 4500 N: 64 MB standard RAM with Memory Enhancement technology, HP JetDirect print server for Fast Ethernet 10/100Base-TX networks
 4500 DN: Additional 500-sheet tray (C4082A), 64 MB standard RAM with Memory Enhancement technology, HP JetDirect print server for Fast Ethernet 10/100Base-TX networks, auto-duplex unit for two-sided printing
 Shipping Weight: 4500/4500 N: 140 lb; 4500 DN: 212 lb; Shipping Dimensions: 4500/4500 N: 31 × 26 × 27 in; 4500 DN: 34 × 26 × 43 in

HP Color LaserJet 4500, 4500 N, and 4500 DN Printer

Competitive Comparisons

	HP Color LaserJet 4500 (4500 N) [4500 DN]	Lexmark Optra SC 1275 [1275N]	Xerox DocuPrint NC60 [C55MP]	Tektronix 740N (740P) [740DX]
Processor	133 MHz	66 MHz	50 MHz AMD RISC	133 MHz
Print Speed Black	16 ppm	12 ppm	16 ppm	16 ppm
Print Speed Color	4 ppm	3 ppm	3 ppm	5 ppm
Monthly Duty Cycle	35,000 pages	20,000 pages	20,000 pages	25,000 pages (color)
Paper Trays, Std	2 [3]	2	1	2 [3 plus 1 for transparencies only]
Paper Trays, Max	3	3	2	3 plus 1 for transparencies only
Input Capacity, Std	400 sheets [900 sheets]	400 sheets	250 sheets	350 sheets [600 sheets plus 100 transparencies]
Input Capacity, Max	900 sheets	650 sheets	500 sheets	600 sheets plus 100 transparencies
Output Capacity, Std	250 sheets face down, 150 sheets face up	250 sheets face down	150 sheets face down	250 sheets face up or down
Duplex Printing	Optional [Yes, automatic]	No	No	Optional [Yes, automatic]
Memory, Std	32 MB [(64 MB)]	16 MB [32 MB]	64 MB	32 MB (64 MB) [128 MB, 4 GB HDD]
Memory, Max	208 MB	192 MB	128 MB	256 MB, 4 GB HDD
Resolution Technology	HP ImageREt 2400	1200 Image Quality	None	TekColor
Print Languages, Std	HP PCL 5c, PostScript Level 2 emulation	PCL 5c, PCL 6, PostScript Level 2 emulation	PCL 5c emulation, Adobe PostScript 3	Adobe PostScript 3, PCL 5 monochrome, PCL 5 w/color emulation, HP-GL emulation
Warranty Features	1 year onsite	1 year onsite	1 year onsite	1 year onsite
Dimensions (W×D×H)	20 × 22 × 15 in [20 × 28 × 22 in]	20 × 21 × 16 in	19 × 17 × 17 in	20 × 20 × 18 in

HP LaserJet Printers

HP Supplies and Accessories

Black toner cartridge (9,000 pages)	C4191A	HP JetDirect 600N (EIO) internal print servers:	
Cyan toner cartridge (6,000 pages)	C4192A	Ethernet 10Base-T	J3110A
Magenta toner cartridge (6,000 pages)	C4193A	Ethernet 10Base-T, 10Base2, and LocalTalk	J3111A
Yellow toner cartridge (6,000 pages)	C4194A	Token Ring	J3112A
Drum kit: imaging drum cartridge, large air filter, small air filter, hand wipe (25,000 pages black or 6,250 pages color)	C4195A	Fast Ethernet 10/100Base-TX (standard on HP Color LaserJet 4500 N and DN)	J3113A
Transfer kit: transfer drum, transfer belt, transfer charger, cleaning roller, charcoal filter, hand wipe (100,000 pages black or 25,000 pages color)	C4196A	HP JetDirect (EIO) connectivity card for USB/Serial/LocalTalk	J4135A
Fuser kit: 110 volt (100,000 pages black or 50,000 pages color)	C4197A	HP SupportPack Next-Day Onsite service contracts:	
Fuser kit: 220 volt (100,000 pages black or 50,000 pages color)	C4198A	2 years	H2674E
Parallel cable, C-connector	C2946A	3 years	H5491A, H5491E
Auto-duplex unit	C4083A	4 years	H2677E
500-sheet input tray	C4082A	5 years	H2678E
Printer cabinet	C4235A	HP SupportPack 4-Hour Onsite Response service contracts:	
SDRAM DIMM:		1 year	H2679E
4 MB	C4140A	2 years	H2680E
8 MB	C4141A	3 years	H5492A, H5492E
16 MB	C4142A	4 years	H2682A
32 MB	C4143A	5 years	H2683A
64 MB	C3913A		

HP Color LaserJet 8500, 8500 N, and 8500 DN Printer

The new standard in departmental color printing

HP Color LaserJet 8500 (p/n C3983A)*: 3 paper trays, 1,100-sheet input capacity, 32 MB RAM; optional duplex printing and networking
HP Color LaserJet 8500 N (p/n C3984A)*: 3 paper trays, 1,100-sheet input capacity, 32 MB RAM, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX; optional duplex printing
HP Color LaserJet 8500 DN (p/n C3985A)*: 4 paper trays, 3,100-sheet input capacity, 64 MB RAM, duplex printing, HP JetDirect 600N (EIO) card for Ethernet 10/100Base-TX

Compatibility: 8500 N, 8500 DN: DOS, Windows (3.x, 9x, and NT 4.0 and 5.0), OS/2, Mac, UNIX, networks. 8500: Mac and networks optional

Up-To-Date Product Information: www.hp.com/go/clj8500

Target Market: Ideal for all departmental color printing needs from marketing to CAD, creative to finance



HP Color LaserJet 8500 DN



May 25, 1999
HP Color LaserJet 8500 N

Key Selling Points

- **Great-looking output fast**, with 6-ppm color and 24-ppm black-and-white printing
- HP Auto-Duplex Unit (optional on HP Color LaserJet 8500 and 8500 N) **prints on both sides of the page automatically**, allowing users to quickly and easily create their own reports, brochures, and fliers
- **Handles a wide variety of media** from 3.9 by 7.5 inches to 12 by 18.5 inches, and supports paper weights from 16-lb bond to 80-lb cover (60 to 216 g/m²)—including envelopes, labels, transparencies, and card stock

Competitive Advantages

- HP Color LaserJets deliver the same quality, reliability, network connectivity, and compatibility that users have come to expect from HP monochrome printers
- HP delivers industry-leading cost of ownership—leading cost per page, competitive purchase price, and low maintenance costs
- HP provides auto-duplexing with advanced paper-handling and finishing features that allow users to produce all their color documents in-house

What's In The Box

1 100-sheet multipurpose tray, 2 500-sheet trays, power cord, User's Guide, HP JetAdmin printer management software, 1 set of all consumables, face up output tray, productivity CD
 8500: IEEE 1284-compliant bidirectional parallel cable, 32 MB standard RAM
 8500 N: 32 MB standard RAM, HP JetDirect print server for Fast Ethernet 10/100Base-TX networks
 8500 DN: 2,000-sheet input tray, 64 MB standard RAM, 2.1-GB hard disk, HP JetDirect print server for Fast Ethernet 10/100Base-TX networks, product installation
 Shipping Weight: 8500/8500 N: 324 lb; 8500 DN: 370 lb; Shipping Dimensions: 8500/8500 N: 34 × 42 × 54 in; 8500 DN: 34 × 42 × 62 in

HP Color LaserJet 8500, 8500 N, and 8500 DN Printer

Competitive Comparisons

	HP Color LaserJet 8500 (8500 N) [8500 DN]	Lexmark 1200 [1200N]	Xerox DocuColor DC Office 6	Tektronics Phaser 780N [GN]
Print Speed Black	24 ppm	12 ppm	24 ppm	16 ppm
Print Speed Color	6 ppm	12 ppm	6 ppm	4 ppm
Monthly Duty Cycle	60,000 pages	20,000 pages	7,000 pages	65,000 pages
Paper Trays, Std	3 [4]	2 [3]	3	2
Paper Trays, Max	3 [4]	4	4	2
Input Capacity, Std	1,100 sheets [3,100 sheets]	350 sheets [600 sheets]	800 sheets	350 sheets
Input Capacity, Max	1,100 sheets [3,100 sheets]	850 sheets	1,050 sheets	350 sheets
Output Capacity, Std	600 sheets	350 sheets	N/A	250 sheets
Media Sizes, Std	Letter, legal, tabloid	Letter, legal, tabloid	Letter, legal, tabloid	Letter, legal, tabloid
Duplex Printing	Optional [Yes, automatic]	Manual only	Manual only (25 sheets max)	No
Memory, Std	32 MB (32 MB, 2.1 GB HD) [64 MB, 2.1 GB HD]	32 MB [64 MB]	32 MB, 2 GB HD	32 MB [64 MB]
Memory, Max	256 MB	128 MB	N/A	192 MB
Connectivity, Std	IEEE 1284-compliant bidirectional parallel, 2 open EIO slots [(HP JetDirect card for Fast Ethernet 10/100Base-TX in 1 open slot)]	Parallel and 2 EIO slots	External Controller Ethernet	10Base-T Ethernet
Connectivity, Opt	HP JetDirect 600N (EIO) print servers	Print servers	100Base-T, Token Ring	100Base-T, LocalTalk, Token Ring
Print Quality Resolution Technology	600 dpi HP ImageREt 2400	600 dpi 1200 Image Quality	400 dpi (contone) HIEST	1200 dpi PhaserMatch
Typefaces	136 Adobe Type 1, plus 45 HP FontSmart	75	136 Adobe Type 1	136 Adobe Type 1
Warranty Features	1 year onsite	1 year onsite	N/A	1 year onsite

N/A: Information not available

HP Supplies and Accessories

Black toner cartridge (17,000 pages)	C4149A	HP SupportPack Next-Day Onsite service contracts:	
Cyan toner cartridge (8,500 pages)	C4150A	2 years	H2684E
Magenta toner cartridge (8,500 pages)	C4151A	3 years	H5549A, H5549E
Yellow toner cartridge (8,500 pages)	C4152A	4 years	H2686E
Imaging Drum kit (12,500 pages color or 50,000 pages black)	C4153A	5 years	H2687E
Transfer kit (75,000 pages color or 150,000 pages black)		HP SupportPack 4-Hour Onsite Response service contracts:	
Fuser kit, 110 volt (100,000 pages)	C4154A	1 year	H2688E
Fuser kit, 220 volt (100,000 pages)	C4155A	2 years	H2690E
Auto-duplex unit	C4156A	3 years	H2691E
8-bin mailbox	C4782A	4 years	H2693E
>2-GB EIO disk drive (for 8500 model only)	C4785A	5 years	H2694E
SDRAM DIMM (must be added in pairs; e.g., to get 64 MB, order two 32 MB DIMM):	C2985B	Drum PM Service for HP Color LJ 8500	H3100A
4 MB	C4140A	Transfer PM Service for HP Color LJ 8500	H3101A
16 MB	C4142A	Fuser PM Service for HP Color LJ 8500 (110 volt)	H3102A
64 MB	C3913A	Fuser PM Service for HP Color LJ 8500 (220 volt)	H3103A
Bidirectional parallel cables, IEEE 1284-compliant:		HP JetDirect 600N (EIO) internal print servers:	
9-ft	C2946A	Ethernet 10Base-T	J3110A
		Ethernet 10Base-T, 10Base2, and LocalTalk	J3111A
		Token Ring	J3112A
		Fast Ethernet/Ethernet 10/100Base-TX	J3113A

HP LaserJet Printers