

HP LaserJet 4100 Series Printers

Model Number	Part No.
HP LaserJet 4100 printer	C8049A
HP LaserJet 4100n network-ready printer	C8050A
HP LaserJet 4100tn network-ready additional tray printer	C8051A
HP LaserJet 4100dtn network-ready duplex printer	C8052A



Features and Specifications

Speed and throughput

- Instant-on fuser prints the first page in 12 seconds.
- Prints letter-size paper at 25 pages per minute (ppm) or A4-size paper at 24 ppm.
- "RIP ONCE" capability with 32 MB or hard disk options.

Resolution

- FastRes 1200: produces 1200-dpi print quality for fast, high-quality printing of business text and graphics
- ProRes 1200: produces 1200-dpi printing for best quality of graphic images
- HP Ultra Precise toner for crisp, sharp output

Paper handling

- HP LaserJet 4100 and 4100N: hold 600 sheets of paper
- HP LaserJet 4100TN and 4100DTN: hold 1100 sheets of paper
- Expandable to hold up to 1600 sheets of paper with optional accessories
- Prints a wide range of sizes, types, and weights

Language and fonts

- HP PCL 6, PCL 5e, and PostScript (R) 3 emulation
- 80 fonts for Microsoft (R) Windows

Expandable design

- Optional paper handling accessories:
 - Stackable 500-sheet paper trays (up to two additional trays)
 - Power envelope feeder (holds up to 75 envelopes)
 - Duplex printing accessory (for two-sided printing)
- Flash storage (for forms, fonts, and signatures)
- Expandable memory (up to 256 MB)
- Two EIO slots for connecting to networks or additional devices
- HP Jetsend enabled
- Hard disk (for job retention)

Printer specifications

Characteristic	Description
Speed	25 pages per minute (ppm) 250 MHz RISC microprocessor First page out = 12 seconds "RIP ONCE" capability with 32 MB or hard disk options
Resolution	HP FastRes 1200 ** (1200 dpi quality) at engine speed HP ProRes 1200 (1200 x 1200 dpi) at 25 ppm Economode for improved print quality over regular dpi selections 600 x 600 dpi at engine speed ** Default setting
Typefaces	110 scalable TrueType (TM) fonts (80 built-in), 30 via HP Fontsmart; all PCL and PostScript accessible HP Fontsmart software for easy-to-use font management capabilities Intellifont and built-in TrueType rasterizers
Memory Options	16 MB SDRAM standard (4100) 32 MB SDRAM standard (4100n, 4100tn, 4100dtn) All upgradable to 256 MB of SDRAM memory Optional Memory: 8, 16, 32, 64, 128 MB SDRAM DIMMs
Mass Storage Options	2 and 4 MB Flash DIMMs 5 GB EIO hard disk
Expansion Slots	HP LaserJet 4100 printer: Two open EIO expansion slots optional HP and third-party accessories. HP LaserJet 4100n, 4100tn, and 4100dtn printers: One open EIO expansion slot for optional HP and third-party accessories
Interface	HP LaserJet 4100 printer: Bidirectional IEEE 1284-compliant parallel interface HP LaserJet 4100n, 4100tn, and 4100dtn printers: Bidirectional IEEE 1284-compliant parallel interface J4169A - HP Jetdirect 610n (EIO) internal print server for Ethernet 10/100Base-TX Automatic switching between languages and ports HP Web Jetadmin requires installation on one of the following network servers: Microsoft Windows NT, IBM OS/2 Warp, HP-UX, or Solaris HP fast infrared port and receiver (optional)
Optional Networking	J3110A - Ethernet (10Base-T) J3111A - Ethernet (10Base-T, 10Base2) and LocalTalk J4167A - Token Ring J4169A - Fast Ethernet (100Base-TX) and Ethernet (10Base-T)

	J4135A - HP Jetdirect connectivity card for USB, serial, and LocalTalk connections C4103A - HP Fast InfraRed (FIR) Receiver
Paper Trays	Up to four input bins, 1,600-sheet total capacity HP LaserJet 4100 and 4100n printers: Tray 1: 100-sheet/10-envelope multipurpose tray for automatic and manual feeding of envelopes, labels, transparencies and other special media; 3 x 5 in to legal size Tray 2: 500-sheet input tray for letter, A4 through legal, and custom sizes HP LaserJet 4100tn and 4100dtn printers: Tray 1: 100-sheet/10-envelope multipurpose tray for automatic and manual feeding of envelopes, labels, transparencies and other special media; 3 x 5 in to legal size Tray 2 and Tray 3: 500-sheet input tray for letter, A4 through legal, and custom sizes Optional 500-sheet Tray 4: Supports all sizes from A5 to legal and custom sizes
Paper Path	Straight-through paper path from Tray 1 to rear output bin or to top output bin
Output Capacity	300-sheet standard output capacity (250-sheet face-down, 50-sheet face-up). <u>Note:</u> The bin-full sensor only applies to the 250-sheet top output bin.
Paper Handling Options	C8053A - 75-sheet envelope feeder C8054A - Automatic duplex unit (for two-sided printing) C8055A - 500-sheet paper feeder: supports all sizes from A5 to legal and custom sizes C8056A - 500-sheet universal tray HP Jet assist connector for easy installation of other paper handling accessories
Duty Cycle	Up to 150,000-page-per-month duty cycle

System requirements

Compatible with Microsoft Windows 3.1x, 95, 98, NT 4.0, 2000, HP-UX, Solaris, SunOS, IBM, OS/2 Warp, Macintosh OS 7.5, and MS-DOS (R).

Physical specifications

Dimension	HP LaserJet 4100	HP LaserJet 4100n	HP LaserJet 4100tn	HP LaserJet 4100dtn
Height	346 mm (13.6 in)	346 mm (13.6 in)	467 mm (18.4 in)	467 mm (18.4 in)
Width	390 mm (15.3 in)	390 mm (15.3 in)	390 mm (15.3 in)	390 mm (15.3 in)

	in)			
Depth	507 mm (19.9 in)	507 mm (19.9 in)	507 mm (19.9 in)	538 mm (21.2 in)
Depth (trays/rear output bin open)	1043 mm (41.1 in)	1043 mm (41.1 in)	1043 mm (41.1 in)	1043 mm (41.1 in)
Weight (without toner cartridge)	17 kg (37.5 lb)	17.5 kg (38.5 lb)	19.3 kg (42.5 lb)	23.9 kg (52.5 lb)

Electrical specifications

Power Consumption (average, in watts)

Printer State	HP LaserJet 4100 printers	HP LaserJet 4100N, 4100TN, 4100DTN printers
Printing	465 watts	465 watts
Standby	21 watts	21 watts
PowerSave	20 watts (EPA Energy Star)	20 watts (EPA Energy Star)
Off	0 watts	0 watts

Minimum recommended circuit capacity

Voltage	Amps
100-127 Volts	8 amps
220-240 Volts	4 amps

Power requirements (acceptable line voltage)

Voltage	Hz
100-127 Volts	50-60 Hz
220-240 Volts	50-60 Hz

Environmental specifications

Condition	Specification
Operating Temperature	10 to 35 degrees C 50 to 91 degrees F

Storage Temperature	0 to 35 degrees C 32 to 91degrees F
Operating Humidity	20 to 80% RH non-condensing
Storage Humidity	10 to 95% RH non-condensing

Acoustic emissions (per ISO 9296)

Condition	Specification
Printing, 25 ppm	LWAd = 6.6 bels (A)
Idle	LWAd = 4.1 bels (A)
PowerSave	LWAd = 0 bels (A)