![hp invent logo]

hp LaserJet 5100 series

data sheet

The HP LaserJet 5100 printer series is ideal for any office that wants to add fast, wide-format printing without sacrificing productivity or print quality. HP LaserJet engineering and solid design ensure worry-free printing on a variety of media types and sizes. These printers offer fast, reliable printing at a reasonable price—and with HP custom solutions, the printers can be connected to access the Internet, shared across a network, and equipped with multiple paper tray options.

performance

- fast printing increases office efficiency—print quality black-and-white A4-size documents at 22 pages-per-minute (ppm) and 21 ppm for letter-size documents
- printing when you need it—first page out in less than 13 seconds
- deliver business-quality documents every time—high-quality printing with a 1200 x 1200-dpi resolution
- powerful processing handles multiple users—printers come with built-in 32 MB RAM (16 MB on 5100), expandable to 192 MB, and a 300 MHz processor
- complete workgroup solution—share your printer over a network quickly and reliably using a 10/100Base-TX hp jetdirect networking card (optional on 5100)

value

- complete office solution at an affordable price—printers deliver fast printing, powerful processing, and quality output of wide-format documents with the ability to add the printer to your office network (optional on 5100)
- maximize productivity with custom management solutions—expand your business capabilities with open DIMM slots for custom printer management solutions, including Internet-enabled features such as supply ordering, job storing, and printing e-services

flexibility

- confidently produce business-quality documents—complete accuracy and quality printing is guaranteed through auto-switching of hp PCL6, PCL 5e, HP-GL/2, and PostScript® 3 emulation
- take advantage of Internet e-services—optional Web server (standard on 5100dtn) DIMM allows for e-enabled features such as alerts and status messages
- minimize user intervention—multiple paper handling options, including additional 250-and 500-sheet paper feeders and an auto-duplex accessory (standard on 5100dtn), keep your office productive and reduce the need to change paper (standard on 5100tn and 5100dtn)

HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories, and services are designed to work together and meet your business needs.

hp LaserJet 5100 series

LaserJet 5100

- 16 MB RAM
- 300 MHz processor
- 100-sheet multipurpose tray
- 250-sheet tray

LaserJet 5100tn

- 32 MB RAM
- 300 MHz processor
- 10/100Base-TX networking card
- 100-sheet multipurpose tray
- 250-sheet and 500-sheet trays

LaserJet 5100dtn

- 32 MB RAM
- 300 MHz processor
- 10/100Base-TX networking card
- embedded web server
- 100-sheet multipurpose tray
- 250-sheet and 500-sheet trays
- auto-duplex accessory

technical specifications

hp LaserJet 5100 series
duty cycle: 65,000 pages per month
print speed: 21 pages per minute letter
first page out: 13 seconds
resolution: ProRes 1200 (1200 x 1200 dpi), REt (Resolution Enhancement Technology)

processor
300 MHz

memory
LaserJet 5100: 16 MB memory, expandable to 192 MB through three industry standard DIMM slots
LaserJet 5100tn, 5100dtn: 32MB memory, expandable to 192 MB through three industry standard DIMM slots

connectivity
LaserJet 5100: IEEE 1284-compliant parallel, 2 open EIO slots (standard), HP Jetdirect internal print server; 802.11 internal wireless connectivity card (optional)
LaserJet 5100tn, 5100dtn: IEEE 1284-compliant parallel, 1 open EIO slot; HP Jetdirect (EIO print server for Fast Ethernet 10/100Base-TX in second slot (standard); 802.11 internal wireless connectivity card (optional)

paper handling
two sided printing: automatic with optional duplex accessory (standard on 5100dtn)
input trays: tray 1: 100-sheet capacity (standard on all models); Tray 2: 250-sheet (standard on all models); Tray 3: 250-sheet (optional on LJ5100, LJ5100tn and LJ5100dtn); tray 4: 500-sheet feeder (optional on LJ5100)
output tray: 250-sheet capacity
media sizes: letter, legal, executive, tabloid, no. 10 envelopes
tray 1: custom sizes, 3 x 5 in to 12.28 x 18.5 in; tray 2 and optional 250-sheet feeder tray: letter, A4, executive, legal, B5 (JIS), A5, 11 x 17 in, A3, B4 (JIS); optional 500-sheet feeder tray: letter, A4, executive, legal, B5 (JIS), A5, 11 x 17 in, A3, B4 (JIS), and custom sizes: 5.8 x 8.2 in to 11.7 x 16.5 in; Optional duplex accessory: 5.8 x 8.3 in to 11.7 x 17 in
media type: paper (plain, letterhead, prepunched, bond, color, rough, vellum, preprinted, recycled), transparencies, labels, envelopes, and card stock

printer language
HP PCL 6, HP PCL 5e, HP GL/2PostScript® 3 emulation

operating systems supported
Microsoft® Windows® 95, 98, Me, XP, NT® 4.0, 2000, AutoCAD 12/13/14/15, Mac® OS 9.0, 9.4, 9.1, X

network compatibility
Microsoft Windows 95, NT 4.0, Windows XP; Netware; IBM OS/2 Warp; LAN manager; UNIX®; Appletalk; Linux®; HP-UX; LocalTalk via HP Jetdirect EIO print servers

font capabilities
110 scalable TrueType fonts (80 built-in, 30 via HP FontSmart for Windows), all PCL and PostScript accessible

environmental ranges
operating temperature: 50 to 91° F (10 to 32° C)
storage temperature: –32 to 104° F (0 to 40° C)
operating humidity: 20 to 80% RH
storage humidity: 10 to 80% RH

acoustics
printing 22 ppm: 6.6 dB (A)
printing 11 ppm: 6.3 – 6.2 dB (A)
power save: 4.4 – 0 dB (A)

power requirements
source: minimum recommended 100 to 127 VAC, 10.5 amps; 220 to 240 VAC, 5.3 amps
frequency: 50–60 Hz

power consumption
printing: 325–330 watts average
standby (Ready state): 30 watts average
ENERGY STAR® compliant
powersave mode: ‹30 watts

warranty
one-year limited hardware on-site warranty, limited warranty for print cartridge life

dimensions/weight (w x d x h)
LaserJet 5100: 18.7 x 22.8 x 18.6 in (14.7 x 48 x 47.3 cm)/50 lb (23 kg)
LaserJet 5100tn: 18.7 x 22.8 x 24.4 in (14.7 x 48 x 62 cm)/75 lb (34 kg)
LaserJet 5100dtn: 18.7 x 22.8 x 26.2 in (14.7 x 48 x 66.5 cm)/114 lb (52 kg)

contents
printer; power cord, print cartridge, tray 1: 100-sheet multi purpose, tray 2: 250-sheet feeder, printer documentation, control panel overlay, online user guide CD, and printer software (drivers in box: Microsoft Windows NT 4.0, 9x, 2000, ME, XP and Mac OS 8.6, 9.0, 9.04, 9.1, X; drivers on the Web: IBM OS/2 and UNIX/Linux, download available at www.hp.com/support/lj5100_software; software disk replication utility for attended or unattended deployment of custom drivers; HP Internet installer can automatically update printer drivers during installation; HP Web Jetadmin printer management software for network configuration and management from common Web browser; download available at www.hp.com/go/webjetadmin_software)

ordering information

Q1860A HP LaserJet 5100 printer
Q1861A HP LaserJet 5100tn printer
Q1862A HP LaserJet 5100dtn printer

print cartridges

C4129X	Black print cartridge

media

HPJ1124	HP LaserJet paper, 500 sheets, letter size
HPM1120	HP Multipurpose paper, 500 sheets, letter size
HPE1120	HP LaserJet recycled paper, 500 sheets, letter size

accessories

Q1864A	Duplex (two-sided) printing accessory
Q1865A	250-sheet paper feeder and cassette
Q1866A	500-sheet paper feeder and cassette
J6054A	4 GB EIO hard disk
C9129B	Embedded Web Server (EWS) DIMM
Q1860-67902	New printer maintenance kit for 110 volt printer
Q1860-67903	New printer maintenance kit for 220 volt printer
Q1860-69002	Exchange printer maintenance kit for 110 volt printer
Q1860-69003	Exchange printer maintenance kit for 220 volt printer
Q1860-90918	Service manual

memory

C4140A	4 MB SDRAM DIMM
C7842A	8 MB SDRAM DIMM
C7843A	16 MB SDRAM DIMM
C7845A	32 MB SDRAM DIMM
Q9680A	64 MB SDRAM DIMM
Q9121A	128 MB SDRAM DIMM
C4286A	2 MB Flash DIMM
C4287A	4 MB Flash DIMM

network

J6057A	HP Jetdirect 615n EIO print server, 10/100Base-TX RJ-45 only
J6058A	HP Jetdirect 680n 802.11wireless internal print server
J3111A	HP Jetdirect 600n EIO print server, Ethernet RJ-45 and BNC, LocalTalk
J4167A	HP Jetdirect 610n EIO Token Ring, RJ-45 and DB9
J4135A	USB, LocalTalk and Serial

service and support

H2657A/E	HP Supportpack, 3-year, return to HP
H5479A/E	HP Supportpack, 3-year, next-day, onsite
H4475A/E	HP Supportpack, 3-year, onsite in 4 hours
U2040A/E	HP Supportpack, 3-year, 24 x 7, onsite in 4 hours
U2053A	110V Maintenance Kit Replacement Service
U2888A	220V Maintenance Kit Replacement Service

for more information

For more information on the HP LaserJet 5100 series, visit our Web site at www.hp.com and click on products and services. Here you will find information on products, supplies, and accessories for all computing needs. HP peripherals, personal computers, supplies and accessories are available at authorized HP resellers worldwide.