



affordable



flexibility

data sheet



hp LaserJet 5100 series printers

5100 • 5100tn • 5100dtn

The HP LaserJet 5100 Printer Series is ideal for any office wanting to add fast, wide-format printing to its capabilities without sacrificing productivity or print quality. HP LaserJet engineering and solid design ensure worry-free printing on a variety of media types and sizes at a reasonable price.

performance

- fast printing increases office efficiency—letter-size documents at up to 21 pages per minute and 11 by 17-inch documents at full engine speed (up to 11 pages per minute)
- printing when you need it—first page out in less than 13 seconds after you send your document to the printer and multiple originals at engine speed
- deliver high-resolution documents every time—high-quality printing with a 1200 x 1200-dpi resolution that is ideal for CAD drawings, detailed graphic proof prints, and complex spreadsheets
- powerful processing handles multiple users—printers come with up to 32 MB RAM built-in, expandable up 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

value

- the most robust laser printing solution in its price range—hp LaserJet 5100 series printers deliver fast printing, powerful processing and quality output of wide-format documents with the ability to add the printer to your office network
- maximize productivity with custom management solutions—expand your business capabilities with open DIMM slots for specialized fonts and custom printer management solutions, including Internet-enabled features such as supply ordering, job storing and printing e-services

flexibility

- confidently produce complex business documents—complete accuracy and quality printing is guaranteed through auto-switching of hp PCL6, PCL 5e, HP-GL/2, and enhanced Postscript 3 emulation
- take advantage of Internet e-services—optional embedded Web server (standard on 5100dtn) and combination DIMM slot 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 automatic duplex accessory, reduce the need to change paper and provide simultaneous accessibility to a variety of standard and custom paper sizes from 3 x 5 inches to 11 x 17 inches

hp LaserJet 5100 series

hp 5100dtn shown

hp jetdirect 620n Fast Ethernet internal print server for throughput speeds up to 4.5 MB per second (standard on the 5100dtn)

prints double-sided copies with automatic duplexer unit (standard on the 5100dtn)

easy operation via intuitive control panel

100-sheet multipurpose tray with straight-through paper path for heavier stock and custom-size media from 3 x 5 inches up to 12.28 x 18.5 inches



two EIO slots for multiple connectivity options

memory expandable up to 192 MB

high-performance 300 MHz processor

true 1200 dpi resolution produces high quality documents at full engine speed

edge-to-edge printing—prints within 0.2 inch from edge of paper

ultraprecise print cartridge technology produces crisp details, solid blacks and smooth grayscale

every model includes a 250-sheet paper tray

high capacity 500-sheet feeder tray (standard on 5100tn/dtn)

accessories

up to 192 MB RAM

printer memory expands to print even large and complex files fast

hp jetdirect 620n Fast Ethernet internal print server

workgroups can share wide-format printing capability with robust 6 MB throughput

2nd 250-sheet input paper tray

allows simultaneous access to multiple media types and sizes

500-sheet feeder tray

increases input capacity for a total of 1,100 sheets

automatic duplexer accessory

for easy two-sided printing and paper cost savings

embedded web server via DIMM slot

makes printer management easy from any standard Web browser

provides features such as Internet-enabled supplies management, job storage and remote firmware upgrades

hp high capacity hard disk

provides transmit once technology for reduced network traffic and faster return to application; efficiently handles large, complex print files

offices benefit from robust, high-capacity printing at an affordable price

Every office will benefit from the robust features of the HP LaserJet 5100 series printers. Whether you are printing big jobs with 1,000 pages or jobs that require a variety of media including gloss and wide-format, you will get the fast turnaround and reliable high resolution that represents your business professionally.

specialty needs are expertly met with the HP LaserJet 5100 Series printers

- engineering and drafting CAD drawings are printed with the clarity, fine lines and accuracy your clients demand on the media sizes you need—plus, they can add the additional memory needed to print from proprietary, industry-specific software
- graphic artists get the high-resolution, full-bleed 11 x 17-inch (printed on 12.8 x 18.5-inch media) press proofs they need to turn around drafts quickly and accurately yet economically—plus, with the printers' built-in auto-switching between printer languages, including HP PCL6 and Postscript 3 emulation, the graphics group can use the HP LaserJet 5100 Series printers for general office documents, too
- banking, accounting and insurance wide-format spreadsheets are printed with speed and clarity for immediate responses to changing markets and the multiple originals needed for your client presentations

hp LaserJet ultraprecise technology—70% of a LaserJet printer's imaging system comes from its hp ultraprecise print cartridge

- dual polymer toner—produces crisp details, solid blacks and smooth grayscale
- helical roller drives—eliminate uneven shades of gray
- extremely fine organic photo-conductor (OPC) sensitivity advancements—provides smoother halftone imaging and grayscales
- hp tonergauge technology—enables users to easily monitor toner usage and minimize downtime

support and services

HP offers a variety of support options to assist you in the setup and maintenance of the HP LaserJet 5100 Series printers. Use HP's expert knowledge to make the most of your printer and to ensure your equipment is running at peak efficiency. All models start with a standard one-year warranty that includes phone support backed by award-winning HP Customer Care. To further ensure trouble-free operation and to maximize the capabilities of your HP LaserJet printer, you can upgrade your service and support options to include extended printer maintenance and network installation.

HP offers a comprehensive set of services and acquisition options that provide cost savings and business productivity gains—financing, user training, deployment strategies, regularly scheduled supplies and printer maintenance, and complete hardcopy environment management are available through HP Consulting, HP Outsourcing, HP Support, HP Education and HP Finance. To find out more information go to the HP Services Web site at www.hp.com/hps

hp LaserJet 5100 printer

- up to 21 pages per minute
- 16 MB RAM
- 300 MHz processor
- 100-sheet multipurpose tray
- 250-sheet feeder tray



hp LaserJet 5100tn printer

- up to 21 pages per minute
- 32 MB RAM
- 300 MHz processor
- 10/100Base-T networking card
- 100-sheet multipurpose tray
- 250-sheet tray and 500-sheet feeder



hp LaserJet 5100dtn printer

- up to 21 pages per minute
- 32 MB RAM
- 300 MHz processor
- 10/100Base-T networking card
- embedded web server
- 100-sheet multipurpose tray
- 250-sheet tray and 500-sheet feeder
- automatic duplexer accessory



technical specifications

hp LaserJet 5100 series

Duty cycle: 65,000 pages per month
Print speed: up to 21 pages per minute, letter-size documents; up to 11 pages per minute, 11 x 17-inch documents
First page out: 13 seconds
300 MHz processor
Resolution: ProRes1200 (1200 by 1200 dpi), REt (Resolution Enhancement Technology)

LaserJet 5100 printer

Memory: 16 MB memory, expandable to 192 MB through three industry-standard DIMM slots
Connectivity: IEEE1284-compliant parallel, 2 open EIO slots (standard); HP Jetdirect internal print server; 802.11b internal wireless connectivity card (optional)
Dimensions (w x d x h): 18.7 x 22.8 x 18.6 in
Weight: 50 lb

LaserJet 5100tn printer

Memory: 32 MB memory, expandable to 192 MB through three industry-standard DIMM slots
Connectivity: IEEE1284-compliant parallel, 1 open EIO slot; HP Jetdirect (EIO) print server for Fast Ethernet 10/100Base-TX in second slot (standard); 802.11b internal wireless connectivity card (optional)
Dimensions (w x d x h): 18.7 x 22.8 x 24.4 in
Weight: 75 lb

LaserJet 5100dn printer

Memory: 32 MB memory, expandable to 192 MB
Connectivity: IEEE1284-compliant parallel, 1 open EIO slot; HP Jetdirect (EIO) print server for Fast Ethernet 10/100Base-TX in second slot (standard); 802.11b internal wireless connectivity card (optional)
Dimensions (w x d x h): 18.7 x 22.8 x 26.2 in
Weight: 114 lb

paper handling

Two sided printing: automatic with optional duplex accessory (standard on 5100dn)
Input trays:

- Tray one: 100-sheet capacity (standard on all models)
- Tray two: 250-sheet (standard on all models)
- Tray three: 250-sheet (optional on LJ5100, LJ5100tn and LJ5100dn)
- Tray four: 500-sheet feeder (optional on LJ5100, standard on LJ5100tn and LJ5100dn)

Output tray: 250-sheet capacity

Media sizes and weights: letter, legal, executive, tabloid, no. 10 envelopes

Tray one: 3 x 5-inch to 12.8 x 18.5-inch, 16 to 53 lbs

Trays two, Three and Four: 5.8 x 8.3-inch to 11.7 x 17-inch, 16 to 28 lbs

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/2, Postscript 3 emulation

operating systems supported

Microsoft® Windows 95, Windows 98, Windows, NT® 4.0, Windows 2000, Windows Me, Windows XP; AutoCAD 12/13/14/15, Mac® 9 and higher, Mac OS 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

Noise level per ISO 9296

Sound power: LWAd 4.4-0 B(A) Powersave, 6.6 B(A) printing at 22 ppm, 6.3 B(A) printing at 11 ppm

Sound pressure: operating position: LpAm 60 dB(A) printing, 36 dB(A) standby; bystander position per ISO 7779: LpAm 53 dB(A) printing, 32 dB(A) standby

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, return to HP authorized service center

ordering information

number	description
Q1860A	HP LaserJet 5100 printer
Q1861A	HP LaserJet 5100tn printer
Q1862A	HP LaserJet 5100dn printer

service and support

U3469E	HP Care Pack, next business day onsite, three year
U3470E	HP Care Pack, same day onsite four hour response, three year
U3468E	HP Care Pack, return to HP, three year
H4513E	HP Care Pack, installation service
H3110E	HP Care Pack, network installation service

accessories

Q1864A	Duplex (two-sided) printing accessory
Q1865A	250-sheet paper feeder and cassette
Q1866A	500-sheet paper feeder and cassette
J6054B	HP High Capacity hard disk

supplies

print cartridges	
C4129X	HP LaserJet Ultra-precise print cartridge, black, 10K pages ¹
media	
C4179A	HP LaserJet soft gloss paper, 500 sheets, letter
HPJ1124	HP LaserJet paper, 500 sheets, letter
HPJ1724	HP LaserJet paper, 500 sheets, tabloid (11 by 17 inches)
HPM1120	HP Multipurpose paper, 500 sheets, letter
HPM1720	HP Multipurpose paper, 500 sheets, tabloid (11 by 17 inches)
E1120	HP LaserJet recycled paper, 500 sheets, letter

memory

C7842A	8 MB SDRAM DIMM
C7843A	16 MB SDRAM DIMM
C7845A	32 MB SDRAM DIMM
Q1887A	64 MB SDRAM DIMM
C9121A	128 MB SDRAM DIMM

interface and cables

C2950A	Parallel cable, 2-meter IEEE 1284-B cable
C2951A	Parallel cable, 3-meter IEEE 1284-B cable

network

J7934A	HP Jetdirect 620n EIO print server, 10/100Base-TX RJ-45 only
J6058A	HP Jetdirect 680n 802.11b wireless internal print server

¹Based on 5% average page coverage.

contents

Printer; power cord, print cartridge, 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 9 and higher, Mac OS 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)

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