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 21 pages per minute and 11 by 17-inch documents at full engine speed (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 by 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 by 5 inches to 11 by 17 inches

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HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories, and services are designed together to work together and invented to meet your business needs.
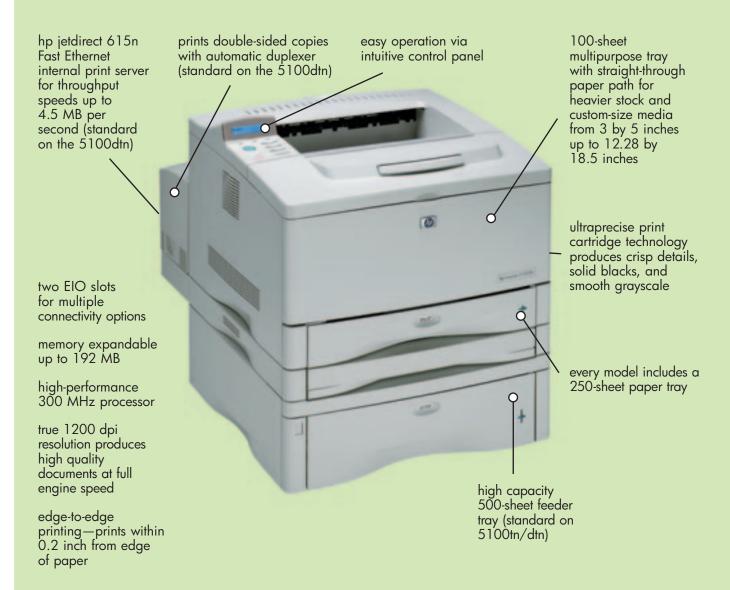
hp LaserJet 5100 series

hp 5100dtn shown

hp jetdirect 615n 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 (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 by 5 inches up to 12.28 by 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 615n Fast Ethernet internal print server
workgroups can share wide-format printing capability with robust 4.5 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 duplex 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

≥ 4 GB 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 by 17-inch (printed on 12.8 by 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
- 21 pages per minute
- 16 MB RAM
- 300 MHz processor
- 100-sheet multipurpose tray
- 250-sheet feeder tray

hp LaserJet 5100tn printer
- 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
- 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 duplex accessory

technical specifications

hp LaserJet 5100 series
Duty cycle: 65,000 pages per month
Print speed: 21 pages per minute, letter-size documents; 11 pages per minute, 11 by 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 by d by h): 18.7 by 25 by 18.6 in (475 by 635 by 473 mm)
Weight: 48.7 lb, (22.1 kg)

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 by d by h): 18.7 by 25 by 24.4 in (475 by 635 by 620 mm)
Weight: 72.6 lb, (32.9 kg)

LaserJet 5100dtn 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 by d by h): 18.7 by 25 by 24.4 in (475 by 635 by 620 mm)
Weight: 94.9 lb, (43 kg)

paper handling
Two sided printing: automatic with optional duplex accessory (standard on 5100dtn)
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 LJ5100dtn)
Tray Four: 500-sheet feeder (optional on LJ5100, standard on LJ5100tn and LJ5100dtn)
Output tray: 250-sheet capacity
Media sizes and weights: letter, legal, executive, tabloid, no. 10 envelopes
Tray One: 3 by 5-inch to 12.8 by 18.5-inch, 16 to 53 lbs
Trays Two, Three and Four: 5.8 by 8.3-inch to 11.7 by 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 limited hardware warranty

ordering information

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

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

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

supplies
print cartridges

C4129X	Black print cartridge

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
C4286A	2 MB Flash DIMM
C4287A	4 MB Flash DIMM

interface and cables

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

network

J6057A	HP Jetdirect 615n EIO print server, 10/100Base-TX RJ-45 only
J6058A	HP Jetdirect 680n 802.11b wireless internal print server
J3110A	HP Jetdirect 600n Ethernet print server (10Base-T)
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

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)

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 your computing needs. HP peripherals, personal computers, supplies, and accessories are available at authorized HP resellers worldwide.

HP PCs use genuine Windows Operating Systems
www.microsoft.com/piracy/howtotell

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