



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

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



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

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

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

#### 2<sup>nd</sup> 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

#### 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 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](http://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, lettersize 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 22.8 by 18.6 in (14.7 by 48 by 47.3 cm)  
Weight: 50 lb, (23 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 22.8 by 24.4 in (14.7 by 48 by 62 cm)  
Weight: 75 lb, (34 kg)

### 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 by d by h): 18.7 by 22.8 by 26.2 in (14.7 by 48 by 66.5 cm)  
Weight: 114 lb, (52 kg)

### 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 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 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	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](http://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](http://www.hp.com/go/webjetadmin_software))

For more information on the HP LaserJet 5100 series, visit our Web site at [www.hp.com](http://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](http://www.microsoft.com/piracy/howtotell)

### For more information

Product: Visit [www.hp.com](http://www.hp.com)

Purchase: HP business solutions, products and supplies can be purchased at your local HP partner ([www.hp.com/go/locator](http://www.hp.com/go/locator)), or bought directly from HP at [www.buy.hp.com](http://www.buy.hp.com) or 800-613-2222.

Finance: HP finance plans provide all the benefits of new technology without the risk or cost of ownership. For details, call toll-free 888-999-HPPT (4783).

Accessibility: HP is committed to providing products and services that are accessible to people with disabilities. For more information, please visit [www.hp.com/accessibility](http://www.hp.com/accessibility) or call 888-259-5707.

ENERGY STAR is a U.S. registered service mark of the United States Environmental Protection Agency. As an ENERGY STAR partner, HP has determined that this product meets the guidelines for energy efficiency. Adobe, the Adobe logo, and Adobe PostScript 3 are either registered trademarks or trademarks of Adobe Systems Incorporated in the USA, and other countries. Apple, AppleTalk, and Macintosh are trademarks of Apple Computer, Inc. registered in the USA, and other countries. Microsoft, Windows, and Windows NT are registered trademarks of Microsoft Corporation in the USA, and other countries. UNIX is a registered trademark of the Open Group in the USA, and other countries. All other brand and product names are trademarks or registered trademarks of their respective companies. The information contained in this document is subject to change without notice. HP makes no warranty of any kind with respect to this information. HP specifically disclaims the implied warranty of merchantability and fitness for a particular purpose. HP shall not be liable for any direct, indirect, incidental, consequential, or other damage alleged in connection with the furnishing or use of this information.

