HP LaserJet 5100 Series Printers

5100 • 5100tn • 5100dtn

hp

The HP LaserJet 5100 series printers are ideal for any office wanting to add fast, wide-format printing for a variety of media types and sizes at a reasonable price without sacrificing productivity or print quality.

Performance

- Fast printing increases office efficiency. Letter-size documents at up to 21 pages per minute and 11 x 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.

- Delivers 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 PCL 6, 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 duplexer unit for two-sided printing, reduce the need to change paper and provide simultaneous accessibility to a variety of standard and custom paper sizes for printouts from 3 x 5 inches to 11 x 17 inches.

hp invent

HP LaserJet 5100 Series Printers

1. HP Jetdirect 620n Fast Ethernet internal print server for throughput speeds up to 6 MB per second (standard on the 5100dtn)

2. Prints double-sided copies with automatic duplexer unit (standard on the 5100dtn)

3. Easy operation via intuitive control panel

4. 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

5. Ultraprecise print cartridge technology produces crisp details, solid blacks and smooth grayscale

6. Every model includes a 250-sheet input paper tray that handles media sizes from 5.8 x 8.3 inches to 11.7 x 17 inches

7. High-capacity 500-sheet feeder tray (standard on 5100tn/dtn) that handles media sizes from 5.8 x 8.3 inches to 11.7 x 17 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

HP LaserJet 5100dtn model shown

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 unit
- 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

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, you 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 PCL 6 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 an HP 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—eliminates 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 website 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 unit

HP LaserJet 5100 Series Printers

Technical specifications	HP LaserJet 5100 (Product number: Q1860A)	HP LaserJet 5100tn (Product number: Q1861A)	HP LaserJet 5100dtn (Product number: Q1862A)
Print speed[1]	Up to 21 ppm, letter-size documents; up to 11 ppm, 11 x 17-inch documents		
First page out	Less than 13 seconds		
Resolution	ProRes1200 (1200 x 1200 dpi), REt (Resolution Enhancement Technology)		
Memory	16 MB memory, expandable to 192 MB through three industry-standard DIMM slots	32 MB memory, expandable to 192 MB through three industry-standard DIMM slots	32 MB memory, expandable to 192 MB through three industry-standard DIMM slots
Duty cycle, monthly	65,000 pages		
Media			
Media handling	Tray 1: 100-sheet capacity, tray 2: 250-sheet, tray 3: 250-sheet (optional), tray 4: 500-sheet feeder (optional)	Tray 1: 100-sheet capacity, tray 2: 250-sheet, tray 3: 250-sheet (optional), tray 4: 500-sheet feeder	
Output capacity	250-sheet capacity		
Duplex printing	Automatic duplexer unit (optional)		Standard automatic duplexer unit
Sizes	Letter, legal, executive, tabloid, no. 10 envelopes; tray 1: 3 x 5-inch to 12.8 x 18.5-inch; trays 2, 3 and 4: 5.8 x 8.3-inch to 11.7 x 17-inch		
Weights	Tray 1: 16 to 53 lb; trays 2, 3 and 4: 16 to 28 lb		
Types	Paper (plain, letterhead, prepunched, bond, color, rough, vellum, preprinted, recycled), transparencies, labels, envelopes and card stock		
Connectivity			
Interfaces	IEEE1284-compliant parallel, 2 open EIO slots (standard); HP Jetdirect Internal Print Server; 802.11b internal wireless connectivity card (optional)	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)	
Printer language	HP PCL 6, HP PCL 5e, HP-GL/2, postscript 3 emulation		
Network operating systems	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		
Dimensions (w x d x h)	18.7 x 22.8 x 18.6 in	18.7 x 22.8 x 24.4 in	18.7 x 22.8 x 26.2 in
Weight	50 lb	75 lb	114 lb
What's in the box	HP LaserJet 5100 Printer, power cord, print cartridge, printer documentation, control panel overlay, online user guide CD, and printer software[2]	HP LaserJet 5100tn Printer, power cord, print cartridge, printer documentation, control panel overlay, online user guide CD, and printer software[2]	HP LaserJet 5100dtn Printer, power cord, print cartridge, printer documentation, control panel overlay, online user guide CD, and printer software[2]

[1] Print speed will be affected by media type, paper size, job complexity, host operating system and performance, and connectivity/cable type.
[2] 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 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

Environmental ranges

Recommended operating temperature: 50 to 91° F (10 to 32° C)
Storage temperature: 32 to 104° F (0 to 40° C)
Recommended 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 up to 21 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
Input voltage: Minimum recommended 100 to 127 VAC, 10.5 amps; 220 to 240 VAC, 5.3 amps
Frequency: 50–60 Hz

Power consumption
Active: 325–330 watts average
Standby: 30 watts average
Powersave: <30 watts

Power certification
Safety certification: IEC 60950 (International), EN 60950 (EU), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), GS License (Europe), EN 60825-1+A11+A2 Class 1, 21 CFR Ch. 1/SubCh. J (Class 1 Laser/LED Device) GB4943-2001, Low Voltage Directive 73/23/EEC with CE Marking (Europe). Other safety approvals as required by individual countries.
Electromagnetic compatibility: CISPR 22:1997/EN 55022:1998 Class B, EN 61000-3-2:2000, EN 61000-3-3:1995+A1, EN 55024:1998, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998, EMC Directive 89/336/EEC with CE Marking (Europe) other EMC approvals as required by individual countries.
ENERGY STAR® compliant
Warranty: One-year, return to HP authorized service center

Ordering information

Product number	Description
Q1860A	HP LaserJet 5100 Printer
Q1861A	HP LaserJet 5100tn Printer
Q1862A	HP LaserJet 5100dtn Printer
Memory	
C7842A	8 MB
C7843A	16 MB
C7845A	32 MB
Q1887A	64 MB
C9121A	128 MB
Service and support	
U3469E	HP Care Pack, Next Business Day Response, 3 years
U3468E	HP Care Pack, Return to Depot, 3 years
U3470E	HP Care Pack, 4-Hour Response, Extended Business Hours, 3 years
H4513E	HP Care Pack, Installation Service, 1 printer, 1 incident
H3110E	HP Care Pack, Installation Service, 1 network configuration
U3472PE	HP Care Pack, Post Warranty Service, Next Business Day Response, 1 year
U3511PE	HP Care Pack, Post Warranty Service, 4-Hour Response, Extended Business Hours, 1 year
Accessories	
Q1864A	Automatic duplexer for two-sided printing
Q1865A	250-sheet paper feeder and cassette
Q1866A	500-sheet paper feeder and cassette
J6054B	HP High-capacity Hard Disk
Print cartridges	
C4129X	HP LaserJet Ultraprecise Black Print Cartridge, 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 x 17 inches)
HPM1120	HP Multipurpose Paper, 500 sheets, letter
HPM1720	HP Multipurpose Paper, 500 sheets, tabloid (11 x 17 inches)
E1120	HP LaserJet Recycled Paper, 500 sheets, letter
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

[1]Based on 5% average page coverage.

HP recommends Microsoft® Windows® XP Professional for mobile computing.

www.imagingsuppliesco.com

Imaging Supplies Co. Inc.
804 Woodland Ave
Sanford, NC 27330
(919) 776 1152
(800) 518 1152

hp invent