

# HP LaserJet 5100 Printer series



The HP LaserJet 5100 Printer series is a superior A3 printer that provides high quality monochrome laser printing, fast and reliably. You can meet your office printing needs flexibly, producing documents on a large variety of media types and sizes.

**Designed specifically for the general office, computer-aided design (CAD) and desktop publishing environment (DTP), where users need to produce a variety of wide format monochrome documents in superior print quality.**



HP LaserJet 5100 Printer

**High performance laser printing makes more efficient use of your time.**

- Improve your productivity with an output speed of up to 22 ppm for A4-size documents and up to 11 ppm for A3 oversize.
- No compromise on print quality with Fastres 1200 dpi-like at full engine speed and true 1200 dpi at half engine speed.
- The 300 MHz processor and up to 32 MB RAM (available on HP LaserJet 5100tn/dtn), expandable up to 192 MB, deliver fast, high performance printing.
- No warm-up time with the Instant-on Technology and a fast first page out.

**Make life easier with the HP LaserJet 5100, geared to meet a workgroup's complex demands simply.**

- Effortless network management with HP Web Jetadmin allowing easy installation, configuration and proactive management of your network peripherals.
- HP's accessible architecture, offers flexible connectivity via HP Jetdirect print servers and third party solutions.
- Enjoy worry-free printing with HP's one-year next business day on-site warranty.

**The versatile laser printer that lets you keep pace with the changing needs of your business.**

- Print on paper up to A3+ (312 x 470 mm) and a variety of weights using a straight-through paper path.
- Improve efficiency with many paper handling solutions including paper input capacity of maximum 1,100 sheets (optional 250-sheet and 500-sheet feeder trays) and the optional duplex unit (standard on dtn).
- Ultraprecise print cartridge – delivers more accurate dot placement and enhanced greyscales, while being easy to replace and maintain.



HP LaserJet 5100tn Printer

HP LaserJet 5100dtn Printer

## Technical specifications

|  |  |
|--|--|
| <b>Print technology</b>                        | Laser  |
| <b>Print speed</b>                             | A4 Fastres: up to 22 ppm, Prores: up to 11 ppm<br>A3 Fastres: up to 11 ppm, Prores: up to 6.5 ppm<br>First page out less than 13 secs (A4), with Instant-on Technology, for no warm-up time  |
| <b>Processor</b>                               | 300 MHz, RISC  |
| <b>Memory</b>                                  | HP LaserJet 5100 printer: 16 MB, expandable to 192 MB; HP LaserJet 5100In/dIn printer: 32 MB, expandable to 192 MB; using Memory Enhancement technology (MEI)<br>Memory slots: 3 128-pin DIMM  |
| <b>Print quality</b>                           | Best: Prores 1200 (True 1200 dpi); normal: Fastres 1200 (1200 dpi quality); draft: 300 x 300 dpi.  |
| <b>Printer languages</b>                       | HP PCL 6, HP PCL 5e, HP-GL/2, HP Postscript Level 3 Emulation, automatic language switching  |
| <b>Economical printing</b>                     | Economode (saves toner), return to Powersave mode after print job due to Instant-on Technology (saves electricity), duplex and N-up printing (saves paper)   |
| <b>Typefaces/fonts</b>                         | 110 scalable TrueType™ fonts (80 built-in, 30 via HP FontSmart for Windows®), all PCL and PostScript accessible  |
| <b>Duty cycle</b>                              | Up to 65,000 pages per month   |
| <b>Media handling</b>                          | Media sizes: A3, A4, A5, B4 (JIS), B5 (JIS), letter, legal, executive. Custom: Tray 1: 76.2 x 127 mm to 312 x 470 mm; Tray 2 and 3: 148 x 210 mm to 297 x 419 mm (or 280 x 432 mm); Duplexer: 147 x 210 mm to 297 x 432 mm<br>Max. print area: 303 x 460 mm<br>Max. media weight range: Tray 1: 60 to 199 g/m² (straight through paper path for special media), Tray 2/3: 60 to 105 g/m²   |
| <b>Media types</b>                             | Paper (plain, letterhead, prepunched, bond, colour, rough, vellum, preprinted, recycled), transparencies, labels, envelopes, card stock, user-defined (if using HP Web Jetadmin or the HP LaserJet Utility)  |
| <b>Paper handling</b>                          | HP LaserJet 5100: 250-sheet input tray, 100-sheet multipurpose tray; HP LaserJet 5100tn: 250-sheet input tray, 100-sheet multipurpose tray, 500-sheet input tray; HP LaserJet 5100dtn: 250-sheet input tray, 100-sheet multipurpose tray, 500-sheet input tray, duplex printing accessory<br>Optional 250-sheet input tray, 500-sheet input tray, max. input capacity: 1,100 sheets<br>Duplex printing: Two-sided printing capability: Automatic (standard with the LaserJet 5100dtn)  |
| <b>Interface and connectivity</b>              | HP LaserJet 5100 printer: IEEE 1284-compliant parallel, 2 open EIO slots; HP LaserJet 5100In/dIn printer: IEEE 1284-compliant parallel, 1 open EIO slot, HP Jetdirect (EIO) Print Server for Fast Ethernet 10/100Base-TX<br>Optional: HP Jetdirect Internal Print Servers, HP Jetdirect connectivity cards<br>Wireless capability: Optional, enabled with purchase of 680n Jetdirect card  |
| <b>Operating systems compatibility</b>         | Supported: Microsoft® Windows® 95, 98, NT 4.0, 2000, Me, XP; AutoCAD 12/13/14/15; Mac 9.0, 9.0.4, 9.1., X<br>Optional: IBM® OS/2 driver update: (available from the Internet) Depending on the configuration of Windows-driven computers, the installation program for the printer software automatically checks the computer for Internet access to obtain the latest software.   |
| <b>Network operating systems compatibility</b> | Supported: Microsoft® Windows® 95, 98, 2000, NT, XP; NetWare; IBM® OS/2 Warp; LAN manager; UNIX; AppleTalk; LocalTalk via HP Jetdirect EIO print servers, Linux and HP-UX.   |
| <b>Minimum system requirements</b>             | Microsoft® Windows® 95 (basic functions only) and 98: Pentium® 90 with 16 MB RAM, Windows Me®: Pentium 150 with 32 MB RAM, Windows NT® 4.0: Pentium 90 with 32 MB RAM, Windows 2000: 300 MHz Processor with 64 MB RAM, Windows XP: 233 MHz Processor with 64 MB RAM, 180 MB free hard disk space for Windows; 160 MB for Mac, Mac OS 8.6 to 9.2, Mac OS X 10.1, CD-ROM drive or Internet Connection, Dedicated IEEE 1284 parallel port<br>Mac OS 8.6 – 9.2, Mac OS X 10.1, 160 MB available disk space, CD-ROM drive or Internet connection  |
| <b>Standard software</b>                       | 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, 9.0.4, 9.1, X. Drivers on the web: IBM® OS/2 and UNIX/LINUX. download available at <a href="http://www.hp.com/support/lj5100_software">http://www.hp.com/support/lj5100_software</a> . 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 <a href="http://www.hp.com/go/webjetadmin_software">http://www.hp.com/go/webjetadmin_software</a> |
| <b>Control panel</b>                           | 2x16 back lit display with rocker switches to go forward or reverse through the menus. (Go) button and (Cancel Job) feature at the printer.  |
| <b>Power</b>                                   | Requirements: 220 to 240 VAC (± 10%), 5.3 amps, 50/60 Hz (± 2 Hz)<br>Consumption: 465 watts maximum (Printing), 30 watts (Standby), 23 watts (Powersave), 0 watts (Off)  |
| <b>Dimensions (w x d x h)</b>                  | HP LaserJet 5100 printer: 475 x 580 x 473 mm; HP LaserJet 5100In/dIn printer: 475 x 625 x 620 mm   |
| <b>Product weight</b>                          | HP LaserJet 5100 printer: 23 kg; HP LaserJet 5100In printer: 34 kg; HP LaserJet 5100dIn printer: 52 kg   |
| <b>Printer management</b>                      | HP LaserJet 5100/In: HP Web Jetadmin, HP LaserJet Utility; HP LaserJet 5100dIn: HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server (EWS) DIMM  |
| <b>Operating environment</b>                   | Operating temperature: 10 to 32° C; operating humidity: 20 to 80% RH; operating humidity recommended: 25 to 75% RH; recommended operating temperature: 10 to 32° C; storage temperature: 0 to 40° C; storage humidity: 20 to 80% RH.<br>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.   |
| <b>Product certifications</b>                  | EU (EMC Directive 89/336/EEC), ISE Countries (CISPR 22), Poland (B-Mark-CISPR 22), Russia (GOST-CISPR 22), USA (FCC Title 47 CFR Part 15 Class A)<br>Regulatory standards: Czech Republic (CSN-IEC 60950-IEC 825), Estonia (EEI-EN60950-IEC825), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV-EN60950-IEC 825), Hungary (MEEI-IEC 60950-IEC 825), Lithuania (LS-IEC 60950-IEC 825), Poland (B Mark-IEC 60950-IEC 825), (Russia (GOST-R50377), Slovakia (IEC 60950-IEC 825), Slovenia (SQI-IEC 60950-EN60825), South Africa (IEC 60950-IEC 825). Energy Star®   |
| <b>Warranty</b>                                | One-year next business day on-site warranty  |

## Ordering information

|               |  |
|---------------|--|
| <b>Q1860A</b> | HP LaserJet 5100 Printer, power cord, print cartridge, Tray 1: 100-sheet multipurpose, Tray 2: 250-sheet feeder, control panel overlay, printer software and online user guide CD, printer documentation |
| <b>Q1861A</b> | HP LaserJet 5100In Printer, as Q1860A plus Tray 3: 500-sheet feeder, HP Jetdirect (EIO) Print Server   |
| <b>Q1862A</b> | HP LaserJet 5100dIn Printer, as Q1861A plus automatic duplex unit  |

### Accessories & supplies

|               |  |
|---------------|--|
| <b>Q1864A</b> | HP Automatic Duplex Unit                             |
| <b>Q1865A</b> | HP 250-sheet Paper Feeder and Tray                   |
| <b>Q1866A</b> | HP 500-sheet Paper Feeder and Tray                   |
| <b>C4129X</b> | HP Ultraprecise Print Cartridge (up to 10,000 pages) |
| <b>C2950A</b> | HP IEEE-1284 parallel cable, 2 m                     |
| <b>C2951A</b> | HP IEEE-1284 parallel cable, 3 m                     |

### Memory

|               |   |
|---------------|---|
| <b>C7842A</b> | HP 8 MB SDRAM DIMM                        |
| <b>C7843A</b> | HP 16 MB SDRAM DIMM                       |
| <b>C7845A</b> | HP 32 MB SDRAM DIMM                       |
| <b>Q1887A</b> | HP 64 MB SDRAM DIMM                       |
| <b>C9121A</b> | HP 128 MB SDRAM DIMM                      |
| <b>C2985B</b> | HP 3.2 GB Hard Disk                       |
| <b>J6054B</b> | HP EIO 10 GB Hard Disk (4 GB addressable) |

### Connectivity

|               |  |
|---------------|--|
| <b>J7934A</b> | HP Jetdirect 620n Fast Ethernet Internal Print Server        |
| <b>J7960A</b> | HP Jetdirect 625n Gigabit Ethernet Internal Print Server     |
| <b>J6058A</b> | HP Jetdirect 680n 802.11b Internal Wireless Print Server     |
| <b>J4135A</b> | HP Jetdirect Connectivity Card: USB, Serial, and LocalTalk   |
| <b>J6072A</b> | HP b1300 Bluetooth® Wireless Print Adapter (USB or parallel) |

### Service & support

|                    |   |
|--------------------|---|
| <b>Q1860-67909</b> | HP Maintenance Kit (220V)   |
| <b>Q1860-67908</b> | HP Maintenance Kit (110V)   |
| <b>Q1860-90918</b> | HP Service Manual   |
| <b>U3470A/E</b>    | HP Care Pack, same day on-site response within 4 hours of call, 3 years |
| <b>U3469A/E</b>    | HP Care Pack, next business day on-site, 3 years                        |
| <b>H3110A/E</b>    | Installation and network configuration                                  |

Information and ordering available at <http://www.hp.com/country/us/eng/support.htm>

<http://www.hp.com>

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