



hp LaserJet 5000

## hp LaserJet 5000/n/gn/dn

HP LaserJet 5000 is a superior 16 ppm A3 printer that offers more printing solutions, great looking output, versatility, compatibility, reliability and effortless management at a reasonable price.

Designed specifically for users in the computer-aided design (CAD) and desktop publishing environment (DTP), the HP LaserJet 5000 helps them alleviate their printing bottlenecks.

### fast performance

- 16 ppm engine
- First page out in 13 seconds
- 1200 dpi prints without performance sacrifice
- HP Transmit Once simplifies workflow and reduces network traffic

### high quality output

- Prores 1200 – true 1200 dpi quality
- Fastres 1200 – enables the user to print 1200 dpi quality at full engine speed using minimal memory. The thinnest line that can be printed is 0.02 mm
- Ultraprecise print cartridge – delivers more accurate dot placement and enhanced grey scale, lowers the cost per page and toner maintenance

### versatility

- Supports media sizes up to A3+
- Maximum of four input trays, with a total capacity of 1,100 sheets
- Straight-through paper path lets you use a wider variety of paper sizes and weights, and eliminates curling of heavier media
- Duplexing (standard for LaserJet 5000dn) – allows you to print on both sides of the page, reduces paper usage thereby saving money
- Paper handling architecture connector – enables third party paper handling accessories
- Enhanced driver support including AutoCAD drivers
- HP PCL 6, 5e and Postscript Level 2 emulation with automatic language switch
- HP Jetdirect internal print servers allow easy connection to local network environment
- >3 Gbyte hard disk and Flash memory DIMMs provide expanded storage of forms, fonts and signatures. Hard disk also lets you MOPy using a single transmission



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## technical specifications

<b>speed &amp; throughput</b>	16-page-per-minute rated engine speed for A4 documents. 100-MHz RISC processor. First page out in 13 seconds with Instant-On fuser technology (warm or cold start). * HP Transmit Once for reduced network traffic.
<b>print quality</b>	300 dpi and 600 dpi. Fastres 1200 (1200 dpi quality) at engine speed (PCL 6). Prores 1200 (True 1200 dpi) at half engine speed (PCL 6 & Postscript). Resolution Enhancement technology (RET). Device-best half-toning with up to 220 levels of grey. Prints up to 4.2 mm from edge of the page. Standard 10,000 page HP Ultraprecise print cartridge (18,000 pages ECMA/132 ISO 10561).
<b>standard software</b>	HP Web Jetadmin printer management software for simple installation, configuration and management from a common web browser. Enhanced driver support of standard driver features for Microsoft Windows NT 4.0, 3.51, Windows 2000, 95/98, 3.x, Macintosh, IBM OS/2 Warp, AIX and Unix (HP-UX and Solaris), MS-DOS, AutoCAD Rev 12/13/14, Linux. Download available at <a href="http://www.hp.com">http://www.hp.com</a>
<b>paper handling</b>	Up to 4 input trays with a total capacity of 1100 sheets. HP LaserJet 5000: 350 sheets standard input capacity (1 x 100 multipurpose, 1 x 250 sheet tray). HP LaserJet 5000n/gn/dn: 850 sheets standard input capacity (1 x 100 multipurpose, 1 x 250 sheet tray, 1 x 500 sheet tray). Tray #1 is a 100-sheet/10 envelope multipurpose tray for automatic and manual feeding of envelopes, labels, transparencies and other special media sizes 76 mm x 127 mm to 312 mm x 470 mm. Tray #2 is a standard 250-sheet input tray supporting letter, legal, 11"x17", executive, A3, A4, A5, B4 and B5. Tray #3 is a standard 500-sheet tray supporting letter, legal, 11"x17", executive, A3, A4, A5, B4, B5 and custom paper sizes (210 mm x 148 mm to 297 mm x 432 mm). Optional 250-sheet tray supports all sizes A5 to A3. Optional 500-sheet tray supports all sizes A5 to A3 and custom sizes. Optional Auto-duplex unit (standard for LaserJet 5000dn) for double-sided printing.
<b>media types &amp; weights</b>	Paper: Copier, bond, special application, recycled paper. Overhead transparencies and labels designed for laser printers using tray #1. Standard paper tray #1: 60 to 199 g/m <sup>2</sup> through face up output bin only. 60 to 128 g/m <sup>2</sup> face up or face down output bin. Tray #2 / #4: 60 to 105 g/m <sup>2</sup> . Optional 250-sheet tray #3/ #4: 60 to 105 g/m <sup>2</sup> . Optional 500-sheet tray #3 / #4: 60 to 105 g/m <sup>2</sup> . Envelopes: 60 to 105 g/m <sup>2</sup> . Duplexer: 60 to 105 g/m <sup>2</sup> . A3: 297 x 420 mm (291 x 415 mm printable). A4: 210 x 297 mm (204 x 292 mm printable). A5: 148 x 210 mm (142 x 205 mm; printable). B4(JIS): 257 x 364 mm (251 x 359 mm printable). B5(JIS): 182 x 257 mm (176 x 252 mm printable). Letter: 216 x 279 mm (210 x 274 mm printable). Legal: 216 x 356 mm (210 x 351 mm printable). Executive: 184 x 267 mm (178 x 262 mm printable). Minimum size: 76 x 127 mm (70 x 122 mm printable). Maximum size: 312 x 470 mm (303 x 460 mm printable). Envelopes - #10 regular: 241 x 105 mm (235 x 100 mm printable). Monarch: 98 x 190 mm (93 x 185 mm printable). DL: 220 x 110 mm (214 x 105 mm printable). C5: 229 x 162 mm (223 x 157 mm printable). B5: 250 x 176 mm (244 x 171 mm printable).
<b>network connectivity</b>	Bidirectional IEEE 1284 compliant parallel interface. RS-232-serial (9-pin) interface. HP LaserJet 5000: two open EIO expansion slots for optional HP Jetdirect print servers and other accessories. HP LaserJet 5000n/dn: HP Jetdirect 610n internal print server for Ethernet 10/100Base-TX networks. One open EIO expansion slot for optional HP Jetdirect print servers and other accessories. HP LaserJet 5000gn: HP Jetdirect 610n internal print server for Ethernet 10/100Base-TX networks.
<b>memory</b>	HP LaserJet 5000 - 4 MB; HP LaserJet 5000n/gn - 12 MB; HP LaserJet 5000dn - 36 MB; 2 open 100 pin DIMM slots (3 for LaserJet 5000) for memory expansion to 164 MB. Optional EIO based hard disk (standard for LaserJet 5000gn) for mopying, forms, fonts and signatures.
<b>printer languages</b>	HP PCL 5e, PCL 6, and Postscript Level 2 emulation. Each printer provides automatic language switching.
<b>control panel</b>	Two-line backlit LCD display and 3 LED's. Messages can be displayed in 16 languages.
<b>typefaces</b>	80 scalable TrueType® fonts built in; 30 via HP Fontsmart. Postscript Level 2 emulation. HP Fontsmart software provides easy-to-use font management capabilities. Intellifont and TrueType® rasterizer built in.
<b>operating &amp; environmental ranges</b>	Temperature for printer and toner: Operating 10° to 32.5°C. Storage: 0° to 35°C. Humidity: Operating 20% to 80% RH. Storage 10% to 95% RH. Acoustics - Operating position: Lp<58 dB (A) printing, Lp<33 dB (A) standby (per ISO 9296, DIN 45635, T.19). Bystander 1m: Lp<52 dB (A) printing, Lp<28 dB (A) standby (per ISO 7779, DIN 45635, T.19). Sound Power: Lwad = 4.4 bels (A) in Powersave. Printing at 16 ppm Lwad = 6.6 bels (A). Printing at 8 ppm Lwad = 6.3 bels (A).
<b>power requirements</b>	Source: 100 to 127 volts (+/-10%) or 220 to 240 volts (+/-10%). Printer's voltage ranges depends upon the country in which the printer is purchased. Frequency: 50 or 60 Hz (+/- 2 Hz). Power Consumption - Printing: 365 watts. Standby: 40 watts. Powersave: 27 watts (EPA ENERGY STAR).
<b>size/weights</b>	W x D x H: HP LaserJet 5000: 475 x 585 x 375 mm, Weight: 23 kg. HP LaserJet 5000n and 5000gn: 475 x 625 x 515 mm, Weight: 34 kg. HP LaserJet 5000dn: 475 x 649 x 615 mm, Weight: 45 kg.
<b>certifications</b>	cUL and UL 1950 listed to UL 1950/CSA 950; complies with IEC 950/EN 60950, FCC Part 15 Class B certified, CISPR-22, Product CDRH certified Class 1 Laser Product (safe for office/EDP use).
<b>duty cycle</b>	Up to 65,000 pages per month.
<b>warranty</b>	Standard one year return to HP.

## ordering information

<b>C4110A</b>	hp LaserJet 5000 A3, general office printer
<b>C4111A</b>	hp LaserJet 5000n A3, network ready office printer
<b>C4112A</b>	hp LaserJet 5000gn A3, network ready graphics printer
<b>C8068A</b>	hp LaserJet 5000dn A3, network ready office printer with duplex included
<b>supplies &amp; accessories</b>	
<b>C4110-67901</b>	110V maintenance kit (150,000 pages)
<b>C4110-67902</b>	220V maintenance kit (150,000 pages)
<b>C2985B</b>	hp EIO disk drive >3GB
<b>C4113A</b>	automatic duplex unit
<b>C4114A</b>	optional 250-sheet paper feeder and tray
<b>C4115A</b>	optional 500-sheet paper feeder and tray
<b>C4116A</b>	replacement 250-sheet paper input tray
<b>C4117A</b>	replacement 500-sheet paper input tray
<b>C4129X</b>	hp ultraprecise print cartridge (10,000 pages)
<b>C4130X</b>	pallet quantity print cartridge
<b>H5479A</b>	hp supportpack for hardware services
<b>hp jetdirect 600n/610n internal print server</b>	
<b>J3110A</b>	for Ethernet/10Base-T networks
<b>J3111A</b>	for Ethernet/10Base-T & 10Base2 and LocalTalk networks
<b>J3112A</b>	for Token Ring networks (to be replaced by J4167A as of Spring 01)
<b>J4169A</b>	for 10/100Base-TX networks
<b>memory DIMMs</b>	
<b>C4286A</b>	2 MB Flash DIMM
<b>C4287A</b>	4 MB Flash DIMM
<b>C4135A</b>	4 MB EDO DIMM
<b>C4136A</b>	8 MB EDO DIMM
<b>C4137A</b>	16 MB EDO DIMM
<b>C7842A</b>	8 MB Sync DRAM
<b>C7843A</b>	16 MB Sync DRAM
<b>C7845A</b>	32 MB Sync DRAM
<b>C7846A</b>	64 MB Sync DRAM
<b>interface and cable</b>	
<b>C2951A</b>	parallel (25-pin to 36-pin male) (3m), hp vectra, IBM PC/AT and compatibles
<b>C2932A</b>	serial (9-pin female to 9-pin male) (3m), hp vectra
<b>C2933A</b>	serial (9-pin female to 9-pin male) (3m), IBM PC/AT and compatibles
<b>C2809A</b>	25-pin (female) to 9-pin (male) serial cable adapter
<b>92215S</b>	Macintosh serial
<b>92215N</b>	Macintosh network

The HP LaserJet 5000 is available as part of HP Printadvantage, a complete package that lets you procure and manage your printing requirements in one easy transaction. For more information contact: <http://www.hp.com/printadvantage>

HP has designed the HP LaserJet 5000/n/gn/dn printers and their supplies for optimum print quality.

For more information contact the Hewlett-Packard internet website at: <http://www.hp.com>

For information on Third Party printing solutions please refer to <http://www.jetcaps.com> or to the global solutions catalogue <http://www.hpgsc.com>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Azerbaijan:** (+994) 12 97 35 61, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 16034, **Bulgaria:** (+359) 2960 1940, **CIS:** (007) 095 797 3500, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991125, **Dubai (Gulf Region):** (971) 488 15 456, **East Central Europe (Vienna HQ plus Albania):** (+43) 1-250 00, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (0.48 DM per minute), **Greece:** (01) 619 64 11, **Hungary:** (+36) 1 382-1111, **Iceland:** (00) 353 1 61 58 200, **Israel:** (972) 9 952 4848, **Italy:** (02) 92121, **Kazakhstan:** (+7) 3272 98 08 24, **Morocco (African Region):** (212) 222 21340, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 PLZ + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 250 6197, **RSA:** (2711) 806 1000, **Slovakia:** (+421 7) 68 20 90 11, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Turkey:** (0212) 2216969, **UK:** (0990) 474747, **Ukraine:** (+380) 44 490 6120, **Uzbekistan:** (+998) 71 169 1488, **Yugoslavia:** (+381) 11 627 134, **Multi Country Operations (MCO) (Geneva):** (22) 7804111, **European Headquarters (Geneva):** (22) 7808111.

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