



hp LaserJet 5000 series



data sheet

designed for:

CAD, desktop publishing, finance and general office users that require a fast, high-quality black and white printer for media up to 11 x 17 inches

performance

- 16 page-per-minute (ppm) engine
- Instant-on fuser prints the first page of a job in 13 seconds even from Powersave mode
- HP reliability means your printer will consistently deliver great results

high-quality output

- HP ProRes 1200 and HP FastRes 1200 for 1200-dpi printing
- HP UltraPrecise toner provides enhanced grayscale, photo-like quality, and consistent results
- Prints full-bleed images on full media range

versatility

- Standard HP PCL 6, HP PCL 5e, and PostScript Level 2 emulation with automatic language switching to ensure compatibility with both PC and Macintosh files
- Print on a broad range of media size (3 x 5 to 11 x 17 inch) and types
- Choose a duplex configuration to print on both sides of the paper
- HP JetSend enables device-to-device communication without the PC

superior networking

- HP JetDirect EIO internal print servers support for Fast Ethernet, Ethernet 10/100Base-TX, Ethernet 10Base-T, Ethernet 10Base2, LocalTalk and Token Ring
- HP Web JetAdmin provides easy network printer installation, configuration, and remote management and diagnostics from your desktop browser
- HP Transmit Once reduces network traffic and delivers a fast return-to-application time

customized solutions

- Select from an expanded set of standard models
- Expand a configuration with additional options to match specific office needs
- Utilize a variety of HP media to optimize your business outputs
- Incorporate HP services and support to get the most from your printing investments

hp LaserJet 5000 series

- 16 ppm
- 100-MHz RISC processor
- Instant-on fuser
- HP FastRes 1200 and HP ProRes 1200
- HP UltraPrecise toner cartridge (10,000 pages)
- HP PCL 6, HP PCL 5e, and PostScript Level 2 emulation
- HP JetSend enabled
- Internal EIO expansion slots
- Memory Enhancement technology (MEt)
- Resolution Enhancement technology (REt)
- Memory expansion up to 164 MB
- Up to 65,000 pages per month duty cycle



standard models

hp LaserJet 5000 general office printer

- 4 MB memory
- 100/250-sheet paper trays
- 3 open DIMM memory slots

hp LaserJet 5000n network-ready office printer

- 12 MB memory
- 100/250/500-sheet paper trays
- HP JetDirect EIO 10/100Base-TX internal print server
- 2 open DIMM memory slots

hp LaserJet 5000gn network-ready graphics printer

- 12 MB memory
- 100/250/500-sheet paper trays
- HP JetDirect EIO 10/100Base-TX internal print server
- >3 GB EIO hard disk drive
- RIP Once technology
- 2 open DIMM memory slots

hp LaserJet 5000dn network-ready duplex printer

- 36 MB memory
- 100/250/500-sheet paper trays
- HP JetDirect EIO 10/100Base-TX internal print server
- Auto-duplex unit
- 2 open DIMM memory slots

Every office is different. This is why we offer you the ability to choose from models with standard options or to accessorize a select model with the capabilities to meet your business needs. In addition, you'll get the best performance from your printers with HP toner cartridges, media and various service and support options.

optional accessories

auto-duplex unit

- Enables printing on both sides of a page
- Saves you money by reducing paper usage

250/500-sheet paper trays

- Increases input capacity to a maximum of 1,100 sheets
- Allows printing on multiple media types directly from different trays
- Improves productivity by increasing paper capacity and reducing restocking of trays

EIO hard disk drive

- Enables Raster Image Processor (RIP) Once for faster multiple original printing, reduced network traffic and faster return-to-application time

HP JetDirect EIO internal print servers

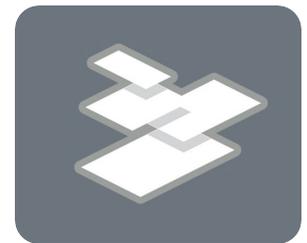
- Multiple models to support Fast Ethernet, Ethernet, LocalTalk or Token Ring networks

service and support

- Enhances your solutions with extended support packs, maintenance and service agreements, and installation services

HP media

- Produce high-quality documents with a variety of sizes and types, including 11 x 17 inch and transparencies



connectivity and network support

direct connect

- Bidirectional IEEE-1284 compliant parallel interface
- RS-232 serial (9-pin) interface

network protocol support

IPX/SPX

Novell NetWare v3.11, 3.12, 4.x, 5.0, 5.1
Novell NDS and NDPS
Microsoft® Windows® 95/98 Networking
Microsoft Windows NT® v3.51, 4.0, Windows 2000

Ethertalk

Mac OS 7.1 or greater (except J3112A Token Ring)
AppleTalk and Apple LocalTalk (system 7)

DLC/LLC

IBM OS/2 Warp v3.0, 4.0
Microsoft Windows NT v3.51, 4.0
Artisoft LANtastic v7.0

TCP/IP

HP-UX v9.x, 10.x, 11.x
SunOS v4.1.3, 4.1.4, 7
Solaris v2.3, 2.4, 2.5x, 2.6, 7
IBM OS/2 Warp v3.0, 4.0
IBM AIX v3.2.5 and greater
Microsoft Windows NT v3.51, 4.0, Windows 2000
Microsoft Windows 95/98 Networking
SCO UNIX v386, v3.2, 4.2, 5.0
lpd
MPE-iX v5.5
Mac OS v7.6.x, 8.1 or greater
Linux Redhat v5.2 and SUSE v6.2

HP Web JetAdmin printer management software

- Supports the following network server environments: Windows 2000, Macintosh, Novell Netware, Windows NT, Unix (HP-UX and Solaris) and Linux
- Simplifies remote installation, monitoring and troubleshooting
- Features advanced auto-discovery, multiple device configuration, page count tracking, grouping, mapping and e-mail alerts

paper handling

- Up to 4 input trays for a maximum capacity of 1,100 sheets
- Paper input-level indicators
- “Output full” sensor for face-down bin
- Optional duplexing for printing on both sides

100-sheet paper tray (standard)

- Supports envelopes, labels, transparencies and special media sizes from 3 x 5 to 12.28 x 18.5 inch
- 16 to 53 lb (60 to 199 g/m²) through the face-up output bin
- 16 to 34 lb (60 to 128 g/m²) through the face-down output bin
- envelopes 16 to 28 lb (60 to 105 g/m²)—maximum capacity is 10

250-sheet paper tray (standard and optional)

- Supports letter, legal, 11 x 17 inch, executive, A3, A4, A5, B4, and B5 paper sizes
- 16 to 28 lb (60 to 105 g/m²)

500-sheet paper tray (standard and optional)

- Supports letter, legal, 11 x 17 inch, executive, A3, A4, A5, B4, B5 and custom media sizes 8.27 x 5.85 to 11.69 x 17 inch (210 x 148 to 297 x 432 mm)
- 16 to 28 lb (60 to 105 g/m²)

auto-duplex unit

- Supports 16 to 28 lb (60 to 105 g/m²)

paper sizes

A5: 5.8 x 8.27 in (148 x 210 mm) print: 5.5 x 7.94 in (140 x 202 mm)
B5 (JIS): 7.2 x 10 in (182 x 257 mm) print: 6.84 x 9.79 in (174 x 249 mm)
A4: 8.27 x 11.7 in (210 x 297 mm) print: 7.94 x 11.36 in (202 x 289 mm)
B4 (JIS): 10.1 x 14.3 in (257 x 364 mm) print: 9.79 x 14 in (249 x 356 mm)
A3: 11.69 x 16.54 in (297 x 420 mm) print: 11.36 x 16.21 in (289 x 412 mm)
Executive: 7.25 x 10.5 in (184 x 267 mm) print: 6.92 x 10.17 in (176 x 259 mm)
Letter: 8.5 x 11 in (216 x 279 mm) print: 8.17 x 10.67 in (208 x 271 mm)
Legal: 8.5 x 14 in (216 x 356 mm) print: 8.17 x 13.67 in (208 x 347 mm)
Tabloid: 11 x 17 in (279 x 432 mm) print: 10.67 x 16.67 in (271 x 423 mm)
Minimum: 3 x 5 in (76 x 127 mm) print: 2.67 x 4.67 in (68 x 119 mm)
Maximum: 12.28 x 18.5 in (312 x 470 mm)
print: 11.93 x 18.11 in (303 x 460 mm)
Optional duplexer minimum: 5.8 x 8.3 in (148 x 210 mm)
print: 5.5 x 7.94 in (140 x 202 mm)
Optional duplexer maximum: 11 x 17 in (279 x 432 mm)
print: 10.67 x 16.67 in (271 x 423 mm)

envelope sizes

#10 regular: 9.5 x 4.125 in (241 x 105 mm) print: 9.27 x 3.93 in (235 x 100 mm)
Monarch: 7.5 x 3.875 in (191 x 98 mm) print: 7.27 x 3.68 in (185 x 93 mm)
DL: 8.66 x 4.33 in (220 x 110 mm) print: 8.43 x 4.14 in (214 x 105 mm)
C5: 9.02 x 6.38 in (229 x 162 mm) print: 8.79 x 6.19 in (223 x 157 mm)
B5: 9.85 x 6.93 in (250 x 176 mm) print: 9.62 x 6.74 in (244 x 171 mm)

technical specifications

hp LaserJet 5000 series

16 ppm
100-MHz RISC processor
Instant-on fuser
HP FastRes 1200 and HP ProRes 1200
HP UltraPrecise toner cartridge (10,000 pages)
HP PCL 6, HP PCL 5e, and PostScript Level 2 emulation
HP JetSend enabled
Internal EIO expansion slots
Memory Enhancement technology (MEt)
Resolution Enhancement technology (REt)
Memory expansion up to 164 MB
Up to 65,000 pages per month duty cycle

resolution

HP FastRes 1200 (1200-dpi quality) at engine speed (PCL6)
HP ProRes 1200 (1200 x 1200 dpi) at half engine speed (PCL6 & PostScript)
600 dpi and 300 dpi
Optimized halftoning with up to 220 levels of gray
Prints up to 1/5-inch from edge of page (full-bleed printing on oversized paper by trimming)

font capabilities

110 scaleable TrueType® fonts (80 built-in, 30 via HP FontSmart all PostScript and HP PCL-accessible)
PostScript Level 2 emulation
HP FontSmart software provides easy-to-use font management capabilities
Built-in Intellifont and TrueType rasterizers

control panel

Two-line backlit LCD display and three LEDs
Buttons: job cancel, go, menu, item, value, select
Indicators: ready, data, attention
Control panel can be locked through software
Messages can be displayed in 17 languages

environmental ranges

temperature for printer and toner:

Operating—10° to 32.5° C (50° to 91° F)
Storage—0° to 35° C (32° to 95° F)

humidity:

Operating—20% to 80% RH
Storage—0% to 95% RH

acoustics:

Operating position— L_{wad} <58 dB (A) printing, L_{wad} <33 dB standby (per ISO 9296, DIN 45635, T.19)
Bystander 1 m— L_{wad} <52 dB (A) printing, L_{wad} <28 dB standby (per ISO 7779, DIN 45635, T.19)
Sound power—0 bels (A) in powersave L_{wad} , 6.6 bels (A) printing at 16 ppm, 6.3 bels (A) printing at 8 ppm

power requirements

Source—100 to 127 volts (± 10%) or 220 to 240 volts (± 10%)
Printers voltage ranges depend upon the country where purchased
Frequency—50 or 60 Hz (± 2 Hz)

power consumption:

Printing—365 watts
Standby—40 watts
Powersave—27 watts (EPA Energy Star)

minimum circuit capacity:

11 amps (100 to 127 volts) or 5 amps (200 to 240 volts)

product certification

UL and cUL listed to UL 1950/CSA 950; complies with IEC 950/EN 60950: meets Class B limits for FCC Part 15 and CISPR 22; product CDRH-certified Class 1 Laser Product (safe for office/EDP use)

dimensions (w x h x d)

HP LaserJet 5000: 485 x 375 x 482 mm (19.1 x 12.8 x 19 in)
HP LaserJet 5000n/5000gn: 485 x 475 x 635 mm (19.1 x 18.7 x 25 in)
HP LaserJet 5000dn: 485 x 704 x 650 mm (19.1 x 27.7 x 25.6 in)

weight

HP LaserJet 5000: 46 lb (21 kg)
HP LaserJet 5000n/5000gn: 71 lb (32 kg)
HP LaserJet 5000dn: 95 lb (43 kg)

warranty

One-year HP warranty

ordering information

| number | description |
|--------|---|
| C4110A | HP LaserJet 5000 general office printer |
| C4111A | HP LaserJet 5000n network-ready office printer |
| C4112A | HP LaserJet 5000gn network-ready graphics printer |
| C8068A | HP LaserJet 5000dn network-ready duplex printer |

supplies and accessories

accessories

| | |
|--------|--|
| C4129X | HP UltraPrecise toner cartridge (10,000 pages) |
| C2985B | >3 GB EIO hard disk drive |
| C4113A | Auto-duplex unit |
| C4114A | 250-sheet paper tray |
| C4115A | 500-sheet paper tray |

service and support

| | |
|----------|---|
| H5479A/E | HP Support pack—next day onsite (3 years) |
| H2669E | HP Support pack—next day onsite (5 years) |
| H4420A/E | Advanced maintenance service—next day (3 years) |
| H4513A/E | Installation service (1 unit) |
| H4514A/E | Installation service (2-5 units) |

media

| | |
|---------|---|
| HPM1120 | HP Multipurpose paper—letter/500 sheets (20 lb) |
| HPM1720 | HP Multipurpose paper—11 x 17 in/500 sheets (20 lb) |
| HPJ1124 | HP LaserJet paper—letter/500 sheets (24 lb) |
| HPJ1724 | HP LaserJet paper—11 x 17 in/500 sheets (24 lb) |
| C4179A | HP LaserJet soft gloss paper |
| 92296T | HP LaserJet transparencies |

memory

| | |
|--------|------------------|
| C4135A | 4 MB EDO DIMM |
| C4136A | 8 MB EDO DIMM |
| C4137A | 16 MB EDO DIMM |
| C7842A | 8 MB SDRAM DIMM |
| C7843A | 16 MB SDRAM DIMM |
| C7845A | 32 MB SDRAM DIMM |
| C7846A | 64 MB SDRAM DIMM |

interface and cables

| | |
|--------|--|
| C2951A | Parallel (25-pin male to 36-pin male) 3 m/10 ft cable for HP Vectra, IBM PC/AT and compatibles |
| C2932A | Serial (9-pin female to 9-pin male) 3 m/10 ft cable for HP Vectra |
| C2933A | Serial (9-pin female to 9-pin male) 3 m/10 ft cable for IBM PC/AT and compatibles |
| C2809A | Serial (25-pin female to 9-pin male) cable adapter |
| 92215S | Macintosh serial cable |
| 92215N | Macintosh network |

hp JetDirect EIO internal print servers

| | |
|--------|--|
| J4169A | Fast Ethernet, Ethernet 10/100Base-TX |
| J3110A | Ethernet 10Base-T |
| J3111A | Ethernet 10Base-T, 10Base2 and LocalTalk |
| J3112A | Token Ring |

For more information visit our website at: www.hp.com/go/lj5000

HP peripherals, personal computers, supplies and accessories are available at authorized HP resellers worldwide. In North America, call for the authorized HP reseller nearest you:

United States: 1-800-552-8500 **Canada: 1-800-387-3867**

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