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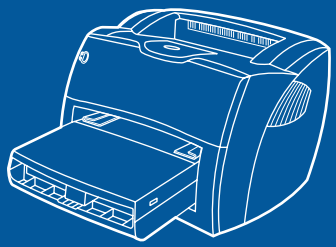

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HP LaserJet 1200 Series

Service

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Safety Information

WARNING!

Potential Shock Hazard

Always follow basic safety precautions when using this product to reduce risk of injury from fire or electric shock.

1. Read and understand all instructions in the user guide.
2. Observe all warnings and instructions marked on the product.
3. Use only a grounded electrical outlet when connecting the HP LaserJet 1200 printer to a power source. If you don’t know whether the outlet is grounded, check with a qualified electrician.
4. Do not touch the contacts on the end of any of the sockets on the HP LaserJet 1200 printer. Replace damaged cords immediately.
5. Unplug this product from wall outlets before cleaning.
6. Do not install or use this product near water or when you are wet.
7. Install the product securely on a stable surface.
8. Install the product in a protected location where no one can step on or trip over the power cord and the power cord will not be damaged.
9. If the product does not operate normally, see the online user guide.
10. Refer all servicing questions to qualified personnel.

Information regarding FCC Class B, Parts 15 and 68 requirements can be found in the user guide.

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Introduction

The HP LaserJet 1200 printer is designed to:

- **Print**—Print documents easily with the laser-quality you have come to expect from an HP LaserJet printer.

With the optional copier/scanner, you can:

- **Copy**—Make superior laser-quality copies. With the software, you can make up to 99 copies of a 30-page original. You can also enlarge, reduce, adjust contrast, and collate.
- **Scan**—Scan important documents to create electronic files.

Hardware description

The printer provides 1200 dot-per-inch (dpi) printing. The optional copier/scanner scans at 600 dpi/ 24-bits per pixel (bpp) and contains a document feeder that holds up to 30 pages.

The printer prints 15 pages per minute (ppm) on letter-size paper or 14 ppm on A4. With 1200 dpi printing resolution, the printer has exceptional text and graphics print quality. The simple control panel and improved paper handling make this product very easy to use.

The printer's main input tray has a 250-sheet capacity for continuous, multiple-page printing. Manual, single-sheet printing is possible through the priority input tray. Both trays are center-justified for all supported paper sizes. The printer output bin holds up to 125 sheets.

The printer has a very fast first-page-out, at less than 10 seconds. The formatter board contains 8 MB of ROM, 8 MB of RAM, and an embedded 32-bit Coldfire V3 processor. There is one DIMM slot available for DIMM expansion (supporting an 8 MB, 16 MB, 32 MB, or 64 MB DIMM).

The printer engine has a 1,000 average (10,000 peak) page-per-month duty cycle. For the printer, the standard toner life is 2,500 pages, and the high capacity toner life is 3,500 pages.

Firmware description

The firmware in the printer includes:

- Enhanced PCL 6 with status readback
- 80 TrueType™ fonts, plus Cyrillic, Greek, Hebrew, and Arabic
- Pixel placement, mosaic characters
- Memory Enhancement technology (MEt) with hardware compression and decompression

The printer firmware also has REt and EconoMode functionality. Scan capability includes 600 dpi and 24-bit color.

Product specifications

Table 1. Physical specifications

Category	Specification
Height	253 mm (10 inches) without optional copier/scanner 416 mm (16.4 inches) with optional copier/scanner
Depth	486 mm (19.1 inches)
Width	415 mm (16.3 inches)
Weight (cartridge installed)	7.3 kg (16.1 lb) without optional copier/scanner 8.7 kg (19.2 lb) with optional copier/scanner

Table 2. Environmental specifications

Category	Specification
Operating environment (printer plugged into an AC outlet)	• Temperature: 15° to 32.5° C (59° to 90.5° F) • Humidity: 20% to 80% relative humidity (no condensation)
Storage environment (printer not plugged into an AC outlet)	• Temperature: 0° to 40° C (32° to 104° F) • Humidity: 10% to 90% relative humidity (no condensation)

Table 3. Power specifications

Category	Specification
Power requirements	• 110 Vac (± 12%), 60 (± 3) Hz; 127 Vac (± 12%), 60 (± 3) Hz -Or- • 220 Vac (± 12%), 50/60 (± 3) Hz • 240 Vac (± 12%), 50 (± 3) Hz **Note** Power sources are not interchangeable.
Power consumption (in continuous copy mode)	285 W
Power consumption (idle)	7 W
Power consumption (off)	0 W
Minimum recommended circuit capacity	4.5 A at 115 V 2.3 A at 230 V

Table 4. Performance of HP LaserJet 1200 printer

Category	Specification
Print resolution	1200 dpi
Print speed	15 ppm (Letter) 14 ppm (A4)

Table 5. Performance of optional copier/scanner

Category	Specification
Scan resolution	600 dpi optical, with 256 levels of gray and 24-bit color
Copy speed	12 ppm

Table 6. Print operating acoustical emissions specifications

Category	Specification
Sound Power Level, L_{WAd} (1 bel = 10 decibels)	6.1 B(A)
Sound Pressure Level, L_{pAm} (operator position)	56 dB(A)
Sound Pressure Level, L_{pAm} (bystander position)	48 dB(A)

Table 7. Copy operating acoustical emissions specifications

Category	Specification
Sound Power Level, L_{WAd} (1 bel = 10 decibels)	6.4 B(A)
Sound Pressure Level, L_{pAm} (operator position)	60 dB(A)
Sound Pressure Level, L_{pAm} (bystander position)	50 dB(A)

Table 8. Skew specifications

Category	Specification
Print skew—left	0.8% (2 mm over 250 mm in length) for cut-sheet media) 1.5% (3.3 mm over 220 mm in length) for cut-sheet media 0.87 (1.65 mm over 190 mm in width) for cut-sheet media
Print skew—right	1.5% (3.3 mm over 220 mm in width) for envelopes, postcards, A5, and cut-sheet media
Cut-sheet leading edge skew	0.87% (1.6 mm over 190 mm in width)
Scan skew	1.2%

Model and serial numbers

The model number and serial number are listed on an identification label located on the inside of the toner cartridge door.

The serial number contains information about the country of origin, revision level, production code, and production number of the printer.

The label also contains power rating and regulatory information.

Figure 1. **Model and serial number labels**

Overview of printer

Front and side view

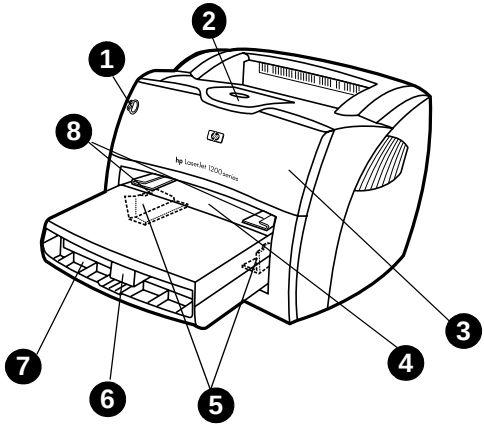

Figure 2. **Front and side view**

1 Printer control panel

2 Long media extension (output bin)

3 Toner cartridge door

4 Priority input tray

5 Side media guides for the main input tray

6 Media support for the main input tray

7 Main input tray

8 Side media guides for the priority input tray

Back and side view

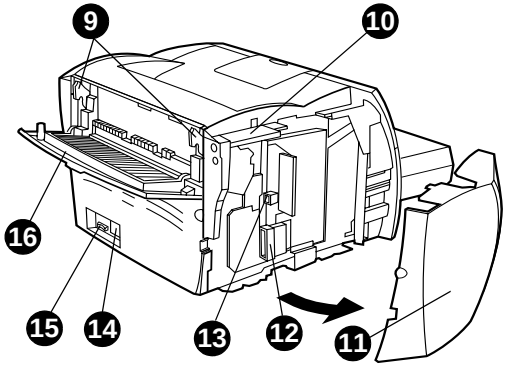

Figure 3. **Back and side view**

9 Fuser pressure release levers

10 Connection to optional copier/scanner

11 Left side cover

12 Parallel port

13 USB port

14 Power receptacle

15 Power switch (220-240 volt printers)

16 Straight-through output door

Overview of optional copier/scanner

Top view

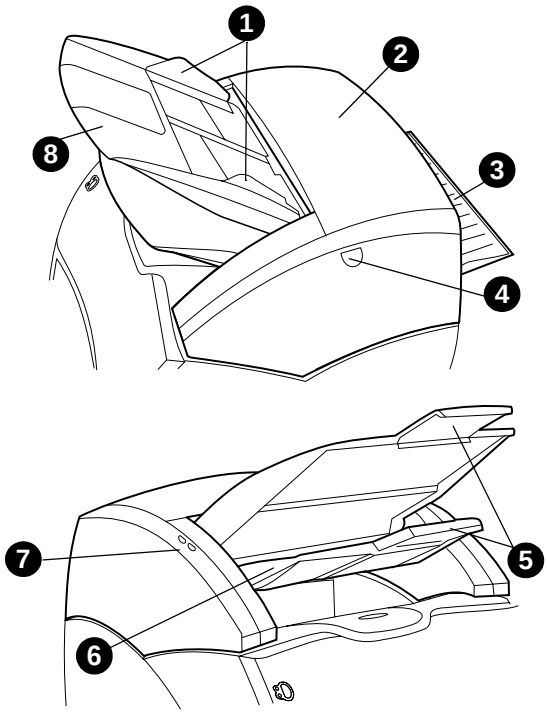

Figure 4. **Top view**

1 Media input tray guides

2 Copier/scanner door

3 Straight-through output door

4 Copier/scanner door release button

5 Long media extensions

6 Media output bin

7 Copier/scanner control panel

8 Media input tray

Note See “Optional copier/scanner” on page 81 for more information about removing the optional copier/scanner from the printer.

Warranty statement

DURATION OF WARRANTY: One year from date of purchase.

1 HP warrants to you, the end-user customer, that HP hardware, accessories, and supplies, will be free from defects in materials and workmanship after the date of purchase, for the period specified above. If HP receives notice of such defects during the warranty period, HP will, at its option, either repair or replace products which prove to be defective. Replacement products may be either new or like-new.

2 HP warrants to you that HP software will not fail to execute its programming instructions after the date of purchase, for the period specified above, due to defects in material and workmanship when properly installed and used. If HP receives notice of such defects during the warranty period, HP will replace software media which does not execute its programming instructions due to such defects.

3 HP does not warrant that the operation of HP products will be uninterrupted or error free. If HP is unable, within a reasonable time, to repair or replace any product to a condition as warranted, you will be entitled to a refund of the purchase price upon prompt return of the product.

4 HP products may contain remanufactured parts equivalent to new in performance or may have been subject to incidental use.

5 Warranty does not apply to defects resulting from (a) improper or inadequate maintenance or calibration, (b) software, interfacing, parts, or supplies not supplied by HP, (c) unauthorized modification or misuse, (d) operation outside of the published environmental specifications for the product, or (d) improper site preparation or maintenance.

6 HP MAKES NO OTHER EXPRESS WARRANTY OR CONDITION WHETHER WRITTEN OR ORAL. TO THE EXTENT ALLOWED BY LOCAL LAW, ANY IMPLIED WARRANTY OR CONDITION OR MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY SET FORTH ABOVE. Some countries, states, or provinces do not allow limitations on the duration of an implied warranty, so the above limitation or exclusion might not apply to you. This warranty gives you specific legal rights and you might also have other rights that vary from country to country, state to state, or province to province.

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Extended warranty

HP SupportPack provides coverage for the HP hardware product and all HP-supplied internal components. The hardware maintenance warranty covers a three-year period from the date of the HP product purchase. The customer must purchase the HP SupportPack within 90 days of the HP product purchase. The document number is 9036. Customers can contact the nearest HP-authorized dealer about this service.

Toner cartridge information

The toner cartridge is designed to simplify replacement of the major consumable parts. The toner cartridge contains the printing mechanism and a supply of toner.

At five percent page coverage, a toner cartridge will print approximately 2,500 pages. However, a toner cartridge should print more pages if it regularly prints pages with less coverage, such as short memos. The cartridge might print fewer pages if heavy or bold print is used.

For best results, always use a toner cartridge before the expiration date stamped on the toner cartridge box.

Refilled toner cartridges

While Hewlett-Packard does not prohibit the use of refilled toner cartridges during the warranty period or while the printer is under a maintenance contract, it is not recommended for the following reasons:

- Repairs resulting from the use of refilled toner cartridges are not covered under Hewlett-Packard warranty or maintenance contracts.
- Hewlett-Packard has no control or process to ensure that a refilled toner cartridge functions at the high level of reliability of a new HP LaserJet toner cartridge. Hewlett-Packard also cannot predict the long term reliability effect on the printer from using different toner formulations found in refilled cartridges.
- The print quality of HP LaserJet toner cartridges influences the customer's perception of the printer. Hewlett-Packard has no control over the actual print quality of a refilled toner cartridge.

Recycling toner cartridges

In order to reduce waste, Hewlett-Packard offers a recycling program. Cartridge components that do not wear out are recycled. Plastics and other materials are recycled. Hewlett-Packard pays the shipping costs from the user to the recycling plant (within the United States). To join this recycling effort, follow the instructions inside the toner cartridge box.

2 Installation and operation

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Operating environment

Place the printer on a sturdy, level surface in a well-ventilated area that meets the following environmental requirements:

- temperature: 10° to 32.5° C (50° to 90.5° F)
- humidity: 20% to 80% relative humidity (no condensation)
- away from direct sunlight, open flames, and ammonia fumes
- sufficient space around the printer to allow for proper access and ventilation

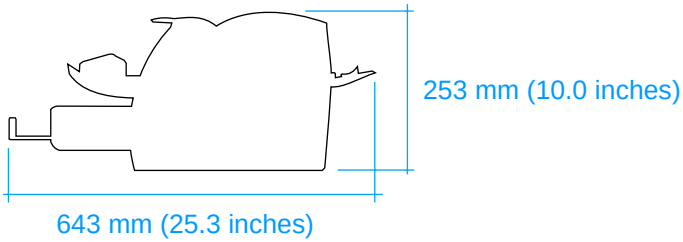

Figure 5. **Dimensions of printer**

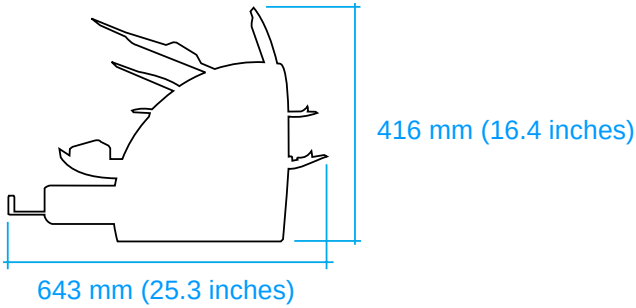

Figure 6. **Dimensions of printer with optional copier/scanner**

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