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## hp LaserJet 3300mfp series



service



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hp LaserJet 3300mfp 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 3300mfp product 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 3300mfp. 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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# 1

# Product information

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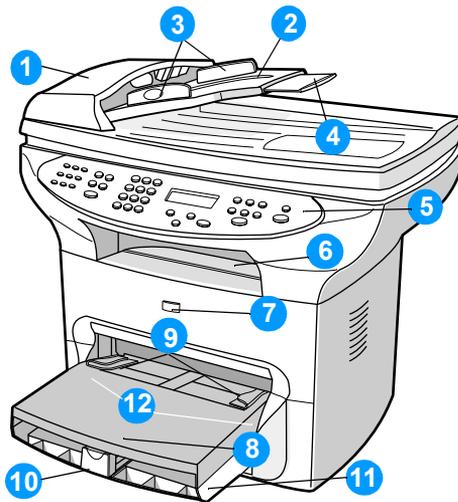
# Introduction

The HP LaserJet 3300mfp series is designed to:

- **Print:** Print documents easily with the laser-quality you have come to expect from an HP LaserJet product.
- **Copy:** Make superior laser-quality copies. With the software, you can make up to 99 copies of a 50-page original. You can also enlarge, reduce, adjust contrast, and collate.
- **Scan:** Scan documents to create electronic text or graphics files.
- **Fax:** On the HP 3330, send and receive documents via standard fax communications.

## Overview of product

### Front and side view



**Figure 1.**

### Front and side view

- 1 Automatic document feeder (ADF)
- 2 ADF media input tray
- 3 Side media guides for the ADF
- 4 Long media extension for the ADF
- 5 Control panel
- 6 Output bin

- 7 Print cartridge door
- 8 Priority input tray
- 9 Side media guides for the priority input tray
- 10 Media support for the main input tray
- 11 Main input tray
- 12 Side media guides for the main input tray (inside cover, not shown)

## Back and side view

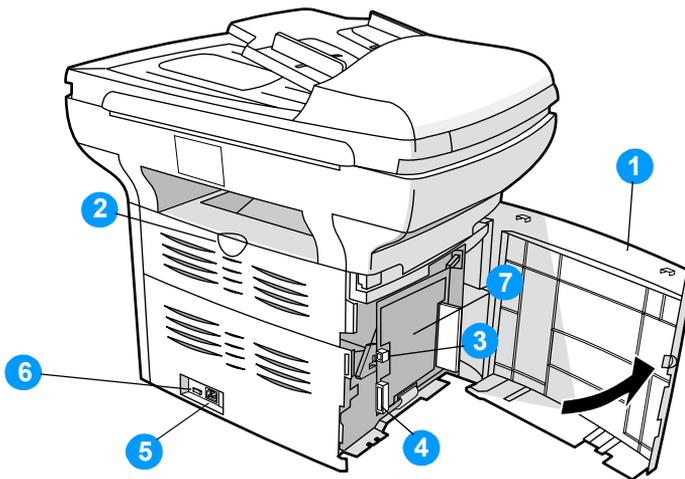


Figure 2.

### Back and side view

- 1 Left side panel
- 2 Straight-through output door
- 3 USB port
- 4 Parallel port
- 5 Power receptacle
- 6 Power switch (220-240 volt units)
- 7 LIU (hp LaserJet 3330mfp only...not shown in graphic)

## Hardware description

The product provides 1200 dot-per-inch (dpi) printing. The flatbed scanner scans at 600 pixels-per-inch (ppi) with 24-bits per pixel (bpp) and most models contain an automatic document feeder (ADF) that holds up to 50 pages. On the HP LaserJet 3330mfp, the formatter and LIU provide Group-3-compatible faxing capabilities.

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

The main input tray has a 250-sheet capacity for continuous, multiple-page printing. The priority input tray allows for manual feed of up to ten sheets. Both trays are center-justified for all supported paper sizes. The output bin holds up to 125 sheets.

The product has a very fast first-page-out, at less than ten seconds. The formatter board contains 4 MB of ROM, 32 MB of RAM, and an embedded 32-bit Coldfire V3 processor. There is one DIMM slot available for font or memory expansion (supporting an 8 MB, 16 MB, 32 MB, or 64 MB DIMM).

The print engine has a 1,000 average (10,000 peak) page-per-month duty cycle. The standard toner life is 2,500 pages, and the high-capacity toner life is 3,500 pages with 5% toner coverage.

## Firmware description

The firmware in the product includes:

- Enhanced PCL 6 with status readback
- 80 PCL and 80 Postscript™ fonts
- Pixel placement, mosaic characters
- Memory Enhancement technology (MEt) with hardware compression and decompression

The firmware also has REt and EconoMode functionality.

## Product Specifications

**Table 1. Physical specifications**

Category	Specification
Height	496 mm (19.5 inches)
Depth	520.7 mm (20.5 inches)
Width	546.1 mm (21.5 inches)
Weight (cartridge installed)	15.9 kg (35.0 lbs) (models with ADF) 14.1 kg (31.1 lbs) (models without ADF)

**Table 2. Environmental specifications**

Category	Specification
Operating environment (unit plugged into an AC outlet)	<ul style="list-style-type: none"><li>• Temperature: 15° to 32.5° C (59° to 90.5° F)</li><li>• Humidity: 10% to 80% relative humidity (no condensation)</li></ul>
Storage environment (unit not plugged into an AC outlet)	<ul style="list-style-type: none"><li>• Temperature: -20° to 40° C (-4° to 104° F)</li><li>• Humidity: Less than 95% relative humidity (no condensation)</li></ul>

**Table 3. Performance of HP LaserJet 3300mfp series**

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

**Table 4. Performance of ADF for copying/scanning**

Category	Specification
Scan resolution	600 PPI (24-bit pixels per inch) optical, with 256 levels of gray and 24-bit color
Copy speed	Up to 15 ppm

**Table 5. Electrical specifications**

	110-V Models	220-V Models
<b>Power requirements</b> Note: Power sources are not interchangeable.	110 to 127 volts +/-10% 50 to 60 Hz +/-2 Hz	220 to 240V +/-10%, 50 to 60 Hz +/-2 Hz
<b>Minimum recommended circuit capacity</b>	4.5 A at 115 V	2.3 A at 230 V
<b>Power consumption</b>	Copying (maximum): 330 W Printing (maximum): 300 W Standby: 14 Watts Power save: 14 Watts	Copying (maximum): 330 W Printing (maximum): 300 W Standby: 14 Watts Power save: 14 Watts Off: 0 Watts

Values subject to change. See <http://www.hp.com/support/lj3300> for current information

**Table 6. Acoustic emissions (HP LaserJet 3300mfp series)**

Sound Power Level	Declared per ISO 9296
Printing (maximum)	$L_{WAd} = 6.1$ Bels (A)
Copying (maximum)	$L_{WAd} = 6.6$ Bels (A)
Standby/PowerSave	Essentially inaudible

SPL Bystander Position	Declared per ISO 9296
Printing (maximum)	$L_{pAm} = 48$ dB (A)
Copying (maximum)	$L_{pAm} = 50$ dB (A)
Standby/PowerSave	Essentially inaudible

Values subject to change. See <http://www.hp.com/support/lj3300> for current information. During other operations, acoustic emissions may vary.

**Table 7. Skew specifications**

<b>Category</b>	<b>Specification</b>
<b>Print skew</b>	0.87% (1.65 mm over 190 mm in width) for cut-sheet media (leading edge)  0.80% (2.0 mm over 250 mm in length) for cut-sheet media except A5 size  1.50% (3.3 mm over 220 mm in length) for envelopes, postcards, and A5-size media

The media registration defines how a sheet of media is positioned relative to the electrophotographic image on the drum. The specified tolerances do not include variation in the media dimensions from nominal. All vertical lines will be parallel to the reference, or left edge of the media, within the specifications.

**Table 8. HP LaserJet 3330 fax specifications**

<b>Category</b>	<b>Specification</b>
<b>Fax transmission speed</b>	3 seconds/page (ITU-T Test Image #1)
<b>Right/left margins for printed pages</b>	6.3 mm (0.25 inch)
<b>Top/bottom margins for printed pages</b>	5.08 mm (0.2 inch)
<b>Fax compatibility</b>	ITU Group 3; ECM
<b>Fax coding schemes</b>	MH, MR, and MMR
<b>Modem speed</b>	Up to 33,600 bits per second (bps)
<b>Speed dialing</b>	Yes
<b>Distinctive ring detect</b>	Yes
<b>Fax resolution (standard)</b>	203 by 98 dots per inch (dpi)
<b>Fax resolution (fine)</b>	203 by 196 dpi
<b>Fax resolution (superfine)</b>	300 by 300 dpi (no halftone)
<b>Fax resolution (photo)</b>	300 by 300 dpi (halftone enabled)

# Model and serial numbers

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

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

The label also contains power rating and regulatory information.

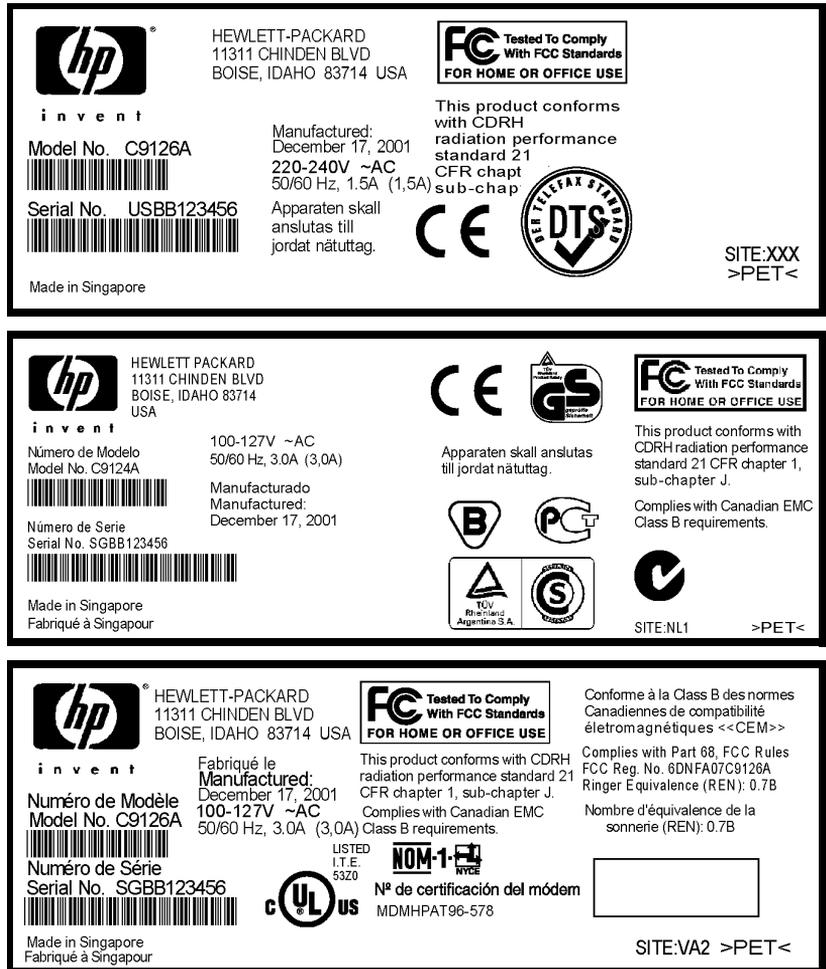


Figure 3. Model and serial number labels

# 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 OF 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.

- 7 TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDIES. EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR LOSS OF DATA OR FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some countries, states, or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

FOR CONSUMER TRANSACTIONS IN AUSTRALIA AND NEW ZEALAND, THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

## **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. Customers can contact the nearest HP-authorized dealer about this service.

# Print cartridge information

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

At five percent page coverage, a standard print cartridge will print approximately 2,500 pages. However, a 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 print cartridge before the expiration date stamped on the cartridge box.

## Refilled print cartridges

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

- Repairs resulting from the use of refilled cartridges are not covered under Hewlett-Packard warranty or maintenance contracts.
- Hewlett-Packard has no control or process to ensure that a refilled 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 product from using different toner formulations found in refilled cartridges.
- The print quality of HP LaserJet print cartridges influences the customer's perception of the product. Hewlett-Packard has no control over the actual print quality of a refilled cartridge.
- Parts that are critical to print quality may not be replaced when the cartridge is refilled with toner.

## Recycling print 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 print cartridge box.

## FCC Part 68 Requirements (US)

This equipment complies with FCC rules, Part 68. On the back of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company. The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all, areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

This equipment uses the following USOC jacks: RJ11C.

An FCC-compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68-compliant. This equipment cannot be used on telephone company-provided coin service. Connection to Party Line Service is subject to state tariffs. If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice isn't practical, the telephone company will notify you as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary. The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service. If trouble is experienced with this equipment, please contact HP for repair and (or) warranty information. If the trouble is causing harm to the telephone network, the telephone company may request that you remove the equipment from the network until the problem is resolved. The following repairs can be done by the customer: replace any original equipment that came with the product. This includes the print cartridge, the paper trays, the ADF, the control panel bezel, the ADF pick roller assembly, the power cord, and the telephone cord. It is recommended that the customer

install an AC surge arrestor in the AC outlet to which this device is connected. This is to avoid damage to the equipment caused by local lightning strikes and other electrical surges.

## Telephone Consumer Protection Act (US)

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including fax machines, to send any message unless such message clearly contains, in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business, other entity, or individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided cannot be a 900 number or any other number for which charges exceed local or long-distance transmission charges.) In order to program this information into your facsimile, please see the HP 3300mfp User Guide.

## IC CS-03 requirements

**NOTICE:** The Industry Canada label identifies certified equipment. This certification means the equipment meets certain telecommunications network protective, operational, and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirement document(s). The Department does not guarantee the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible for the equipment to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution can be particularly important in rural areas.

**Caution:** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate. The Ringer Equivalence Number (REN) of this device is 0.7.

Product: 2002 HP LaserJet 3300mfp series Printer Service Repair Workshop Manual  
Full Download: <https://www.arepairmanual.com/downloads/2002-hp-laserjet-3300mfp-series-printer-service-repair-workshop-manual/>

**Notice:** The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Number of all the devices does not exceed five (5.0). The standard connecting arrangement code (telephone jack type) for equipment with direct connections to the telephone network is CA11A.

## Regulatory information for EU countries

This equipment has been designed to work in all of the countries of the European Economic Area (Public Switched Telephone Networks) only. Network compatibility is dependent on internal software settings. Contact your equipment supplier if it is necessary to use the equipment on a different telephone network. For further product support, contact Hewlett-Packard at the phone numbers provided in the support flyer that came with the product.

Sample of manual. Download All 291 pages at:

<https://www.arepairmanual.com/downloads/2002-hp-laserjet-3300mfp-series-printer-service-repair-workshop-manual/>