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› Lazmin112 DDR2 4GB 800MHz Memory Module Instruction Manual

## Lazmin112 DDR2 4GB 800MHz

# Lazmin112 DDR2 4GB 800MHz Memory Module Instruction Manual

Model: DDR2 4GB 800MHz

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Lazmin112 DDR2 4GB 800MHz Memory Module. Please read this manual carefully before installation to ensure proper function and to prevent damage to your computer components.

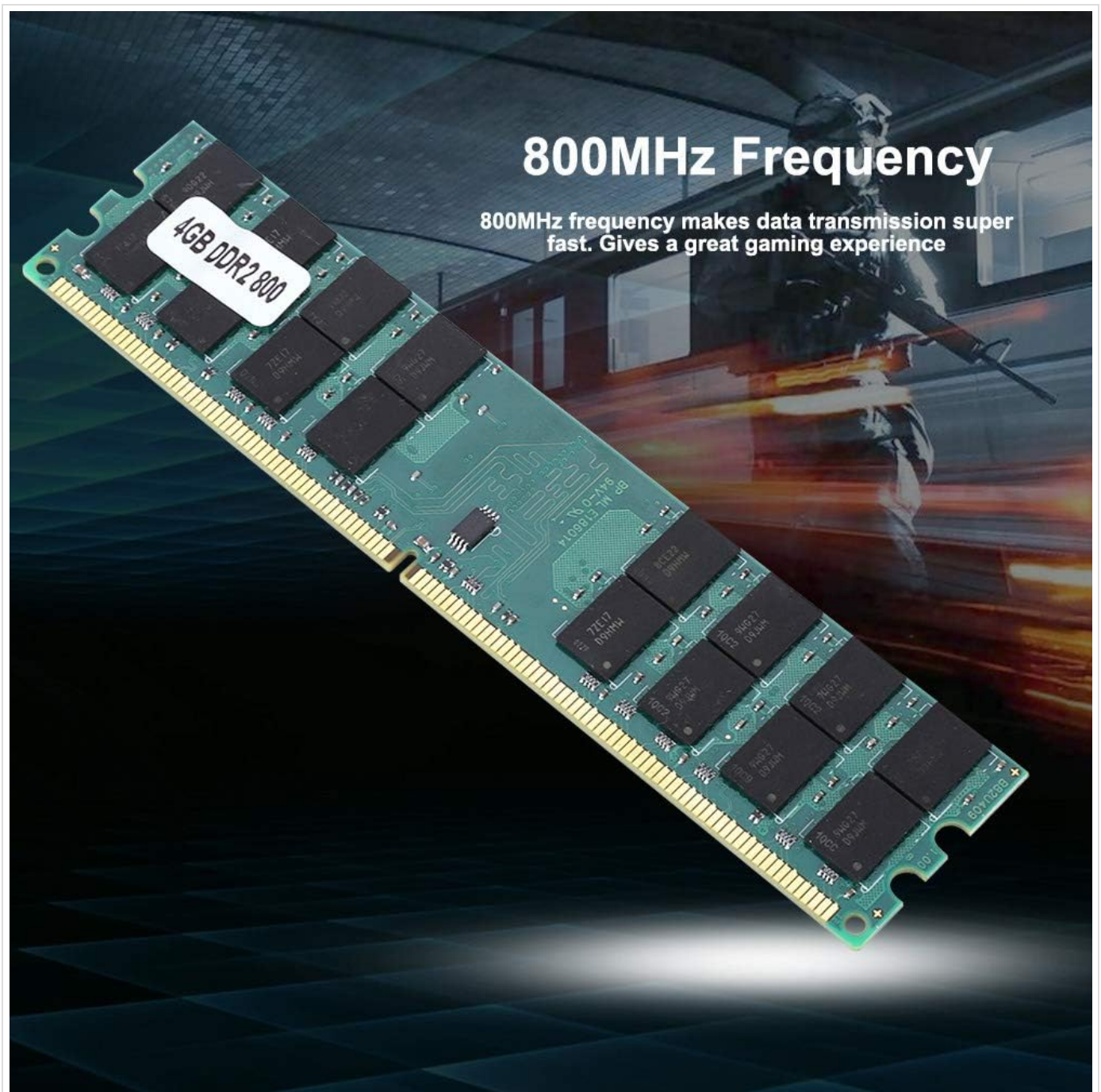


Image: The Lazmin112 DDR2 4GB 800MHz memory module, showing its green PCB and black memory chips.

## SAFETY INFORMATION

Always observe the following safety precautions when handling computer components:

- Ensure your computer is completely powered off and unplugged from the wall outlet before opening the chassis.
- Discharge any static electricity from your body by touching a grounded metal object (e.g., the computer chassis) before handling the memory module.
- Handle the memory module by its edges to avoid touching the gold contacts or the chips.
- Do not force the memory module into the slot. Incorrect insertion can damage both the module and the motherboard.
- Ensure the memory module type (DDR2) matches your motherboard's requirements. DDR, DDR2, and DDR3 modules are not interchangeable due to different pin configurations and voltages.

## PACKAGE CONTENTS

Your package should contain the following item:

- 1 x Lazmin112 DDR2 4GB 800MHz Memory Module

## SPECIFICATIONS

<b>Brand</b>	Lazmin112
<b>Memory Capacity</b>	4 GB
<b>Memory Technology</b>	DDR2
<b>Memory Speed</b>	800 MHz
<b>Compatible Devices</b>	Desktop Computers
<b>Voltage</b>	1.8 Volts
<b>Form Factor</b>	DIMM
<b>Number of Pins</b>	240

This module is designed for desktop motherboards that support DDR2 800MHz memory. It is specifically noted to be compatible with AMD systems.

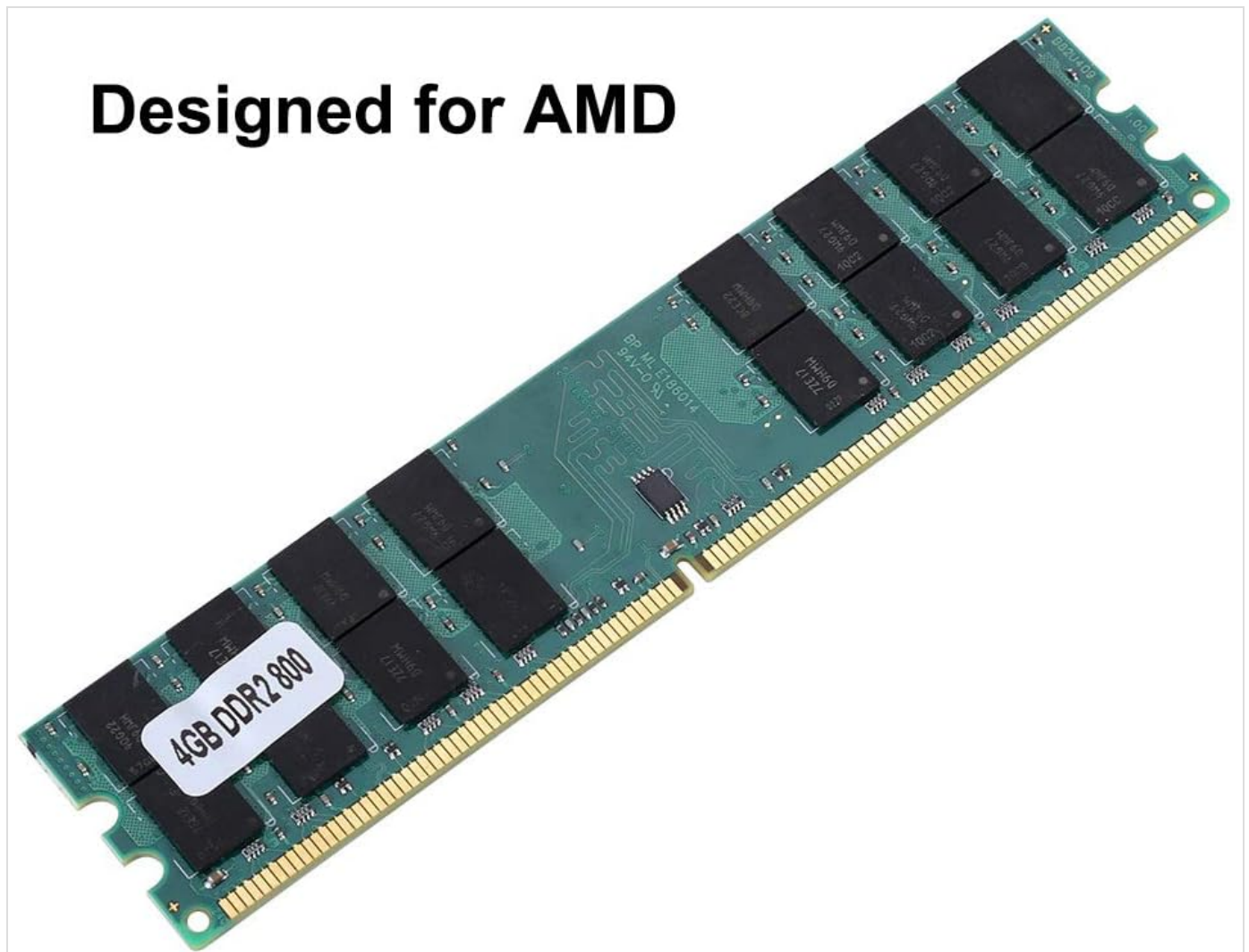


Image: The DDR2 4GB 800MHz memory module, highlighting its compatibility with AMD systems.

## SETUP: INSTALLATION GUIDE

Follow these steps to install the DDR2 4GB 800MHz memory module into your desktop computer:

1. **Prepare Your System:** Completely power off your computer and unplug the power cable from the wall outlet.
2. **Open the Chassis:** Carefully open your computer's side panel to access the motherboard.
3. **Locate Memory Slots:** Identify the DDR2 memory slots on your motherboard. These are typically long slots with clips on each end.
4. **Open Slot Clips:** Press the clips on both ends of the empty memory slot downwards to open them.
5. **Insert the Module:** Hold the memory module by its edges. Align the notch on the module with the key in the memory slot. This ensures correct orientation.
6. **Secure the Module:** Gently but firmly press down on both ends of the memory module until the clips snap into place, securing the module. Do not force it.
7. **Close Chassis:** Once the module is securely installed, close your computer's side panel.
8. **Reconnect Power:** Plug the power cable back into the wall outlet and power on your computer.

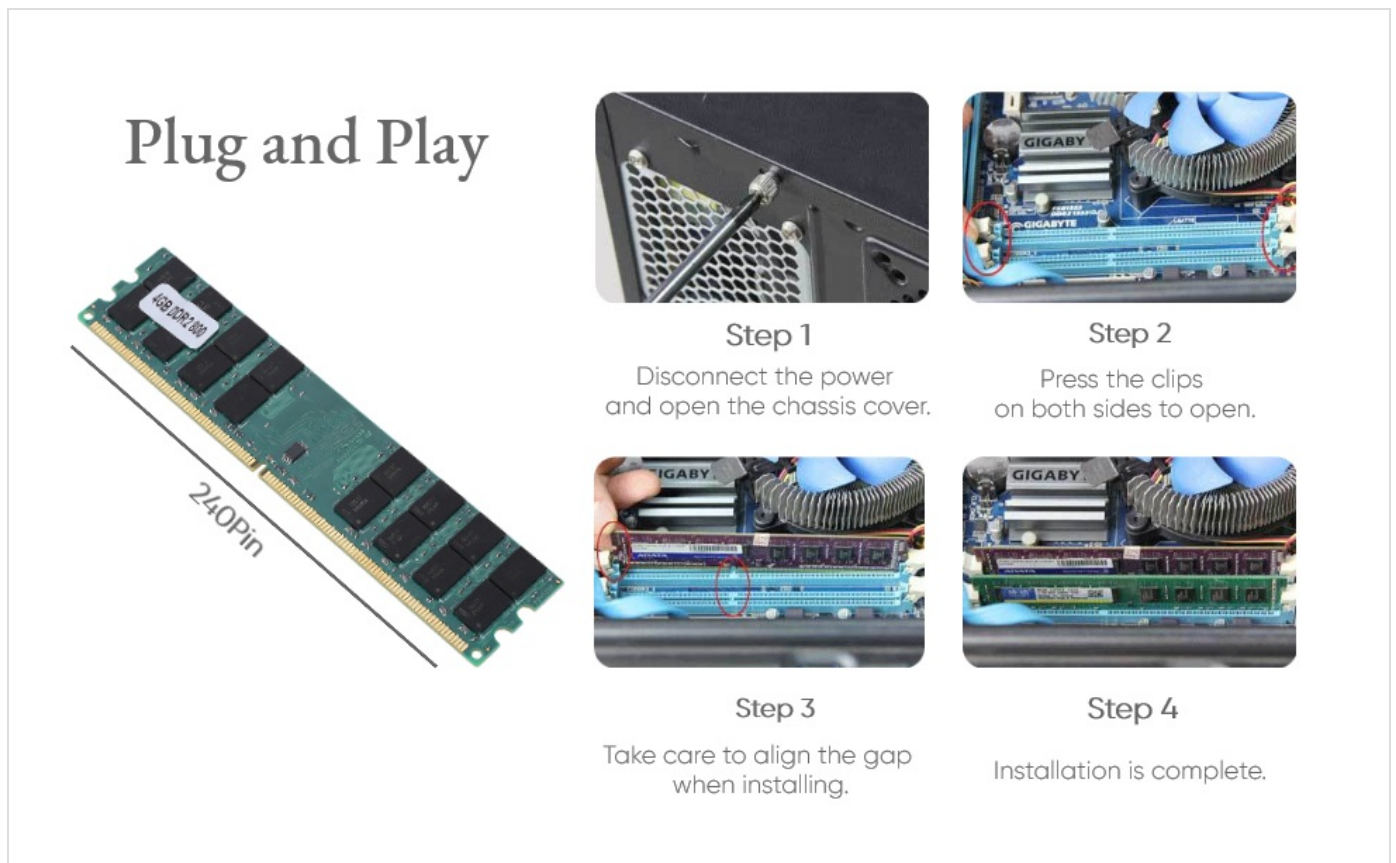


Image: Visual guide showing the four steps for installing a RAM module: disconnecting power, opening clips, aligning the module, and securing it.

**Important Note:** This memory module is designed for motherboards and does not support direct connection to processors. Ensure your motherboard supports DDR2 memory and the 240-pin DIMM form factor.



# 240PIN

**Adopting 240PIN to achieve high anti-interference and antistatic properties**

Image: Close-up view of the 240-pin connector on the DDR2 memory module.

## OPERATING THE MEMORY MODULE

Once installed, the Lazmin112 DDR2 4GB 800MHz memory module operates automatically. Your operating system will detect the new memory, and it will be utilized to enhance system performance. The 800MHz frequency provides fast data transfer, contributing to improved system responsiveness and smoother multitasking.

# 4GB RAM

Large memory up to 4GB RAM ensures the stability and smoothness of data transmission

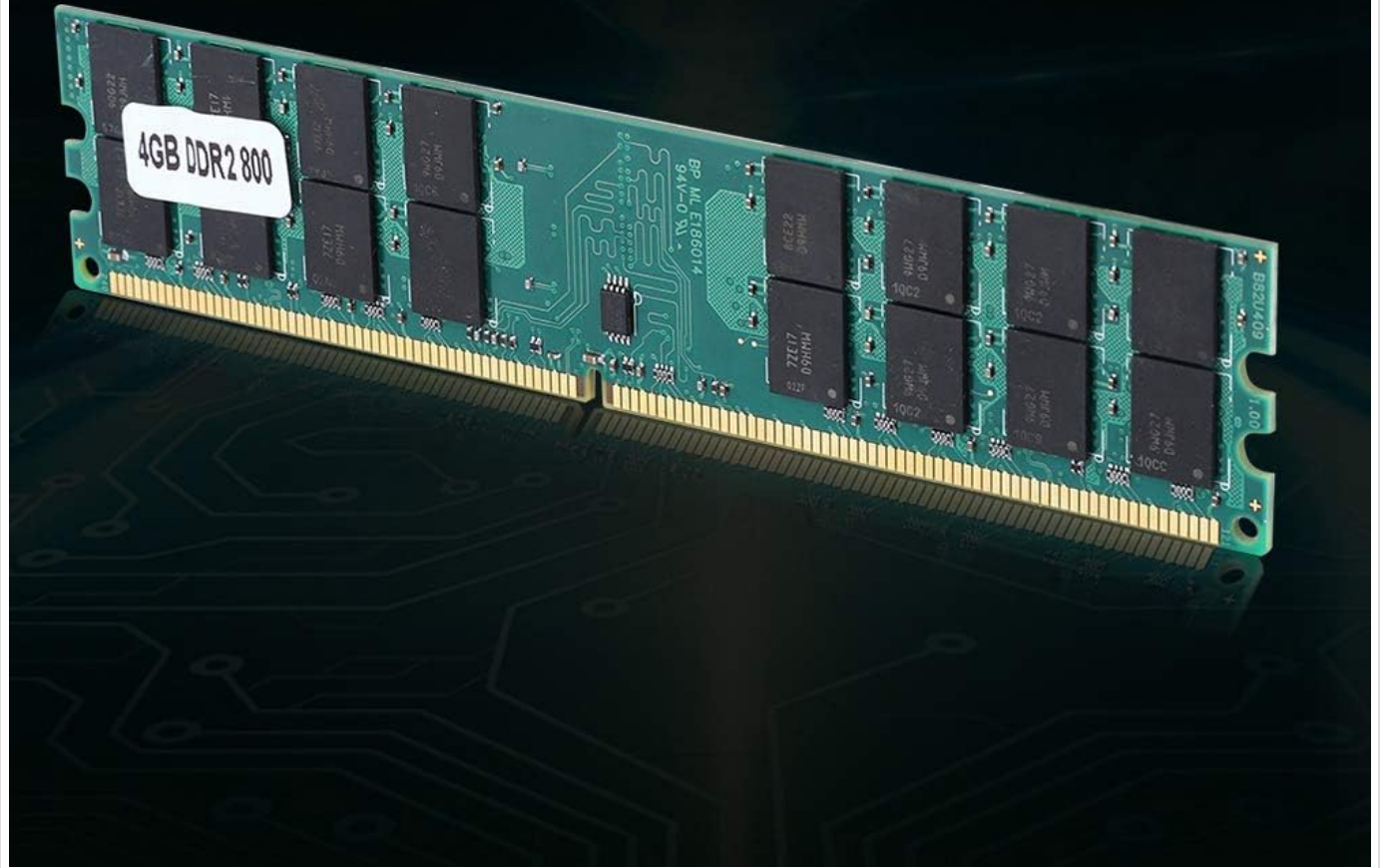


Image: A clear view of the 4GB DDR2 800MHz RAM module, emphasizing its capacity.

## MAINTENANCE

Memory modules generally require minimal maintenance. To ensure longevity and optimal performance:

- Keep your computer's interior clean and free of dust to prevent overheating, which can affect all components, including RAM.
- Avoid exposing the memory module to extreme temperatures or humidity.
- Do not attempt to clean the gold contacts with abrasive materials. If cleaning is necessary, use a soft, lint-free cloth and isopropyl alcohol.

## TROUBLESHOOTING

If you encounter issues after installing the memory module, consider the following troubleshooting steps:

- **System Does Not Boot:**

- Ensure the memory module is fully seated in its slot and the clips are locked.
- Verify that the memory type (DDR2) and pin count (240-pin) are compatible with your motherboard. DDR, DDR2, and DDR3 modules are physically different and not interchangeable.
- If installing multiple modules, try booting with only one module at a time to identify a potentially faulty stick.

- **Incorrect Memory Detected:**

- Check your motherboard's BIOS/UEFI settings. Some older motherboards or specific configurations may require manual adjustment of memory frequency or timings.
- Ensure your motherboard and CPU support the total amount of RAM installed (e.g., 16GB for 4x4GB configuration).

- **System Instability or Crashes:**

- Run a memory diagnostic tool (e.g., Windows Memory Diagnostic, MemTest86) to check for errors.
- Ensure your system's drivers, especially chipset drivers, are up to date.

- **Compatibility Check:** If you are unsure which memory is suitable for your computer, use a software utility to identify your current memory specifications before purchasing.

If problems persist after following these steps, please contact customer support.

## WARRANTY AND SUPPORT

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Lazmin112 products are designed for reliability. If you encounter any issues or have questions regarding your DDR2 4GB 800MHz Memory Module, please contact our professional customer service team. We are committed to assisting you with any problems or concerns.

For support, please refer to the contact information provided with your purchase or on the official Lazmin112 website.