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> OFFTEK 1GB DDR PC3200 (PC400) Non-ECC Motherboard Memory Module User Manual

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Brand: OFFTEK | Model: 1GB PC3200 (PC400)

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your OFFTEK 1GB DDR PC3200 (PC400) Non-ECC Motherboard Memory Module. Please read this guide thoroughly before proceeding with installation to ensure proper function and to prevent damage to your system or the memory module.

PRODUCT OVERVIEW

The OFFTEK 1GB DDR PC3200 (PC400) Non-ECC Motherboard Memory Module is designed to enhance your computer's performance. This module offers an easy upgrade path, requiring no operating system or software updates for installation. It contributes to faster boot times, increased productivity, and improved multitasking capabilities, thereby extending the lifespan of your machine.

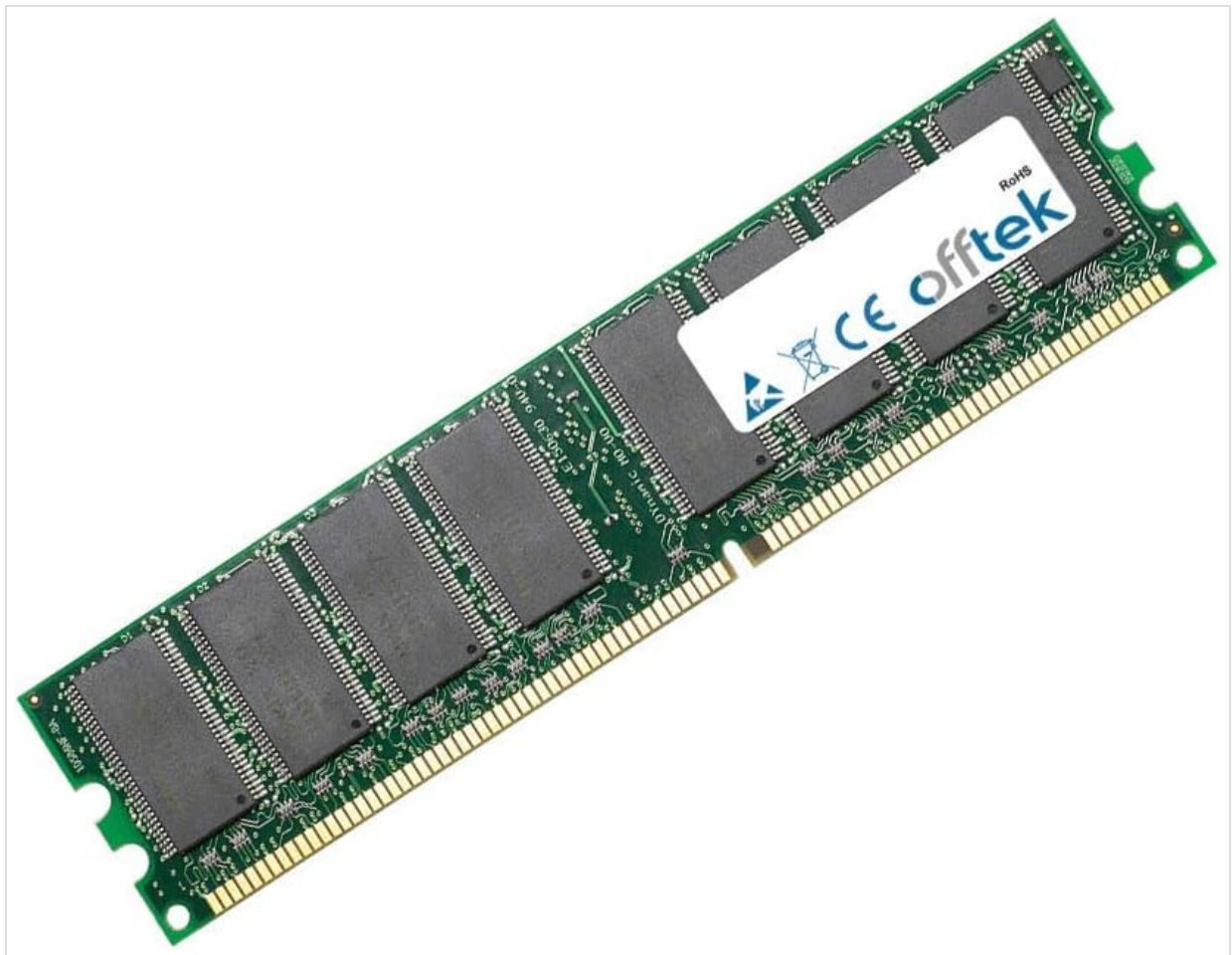


Image: A single OFFTEK 1GB DDR PC3200 (PC400) Non-ECC memory module, green PCB with black memory chips and a white OFFTEK label.

OFFTEK memory modules are manufactured using high-quality components and undergo rigorous module-level testing to ensure long-term reliability and 100% compatibility with your computer and operating system. Each product is specifically matched to your machine to guarantee optimal performance.

SPECIFICATIONS

Brand	OFFTEK
Computer Memory Size	1 GB
RAM Memory Technology	DDR
Memory Speed	400 MHz (PC3200)
Compatible Devices	Desktop Motherboards (e.g., AsRock PE PRO)
Form Factor	DIMM

SETUP AND INSTALLATION GUIDE

Installing RAM is a straightforward process, but it requires careful attention to detail to avoid damage. Always handle memory modules by their edges to prevent electrostatic discharge (ESD).

Safety Precautions:

- **Power Off:** Completely shut down your computer and unplug it from the power outlet.
- **Ground Yourself:** Touch a metal part of the computer chassis to discharge any static electricity from your body. Consider using an anti-static wrist strap.
- **Work Area:** Ensure your workspace is clean, well-lit, and free of clutter.

Installation Steps:

1. **Open the Computer Case:** Remove the side panel of your computer case to access the motherboard. Refer to your computer's or case's manual for specific instructions.
2. **Locate RAM Slots:** Identify the DIMM slots on your motherboard. These are typically long, narrow slots with clips on either end. Note the existing RAM configuration if you are adding to or replacing modules.

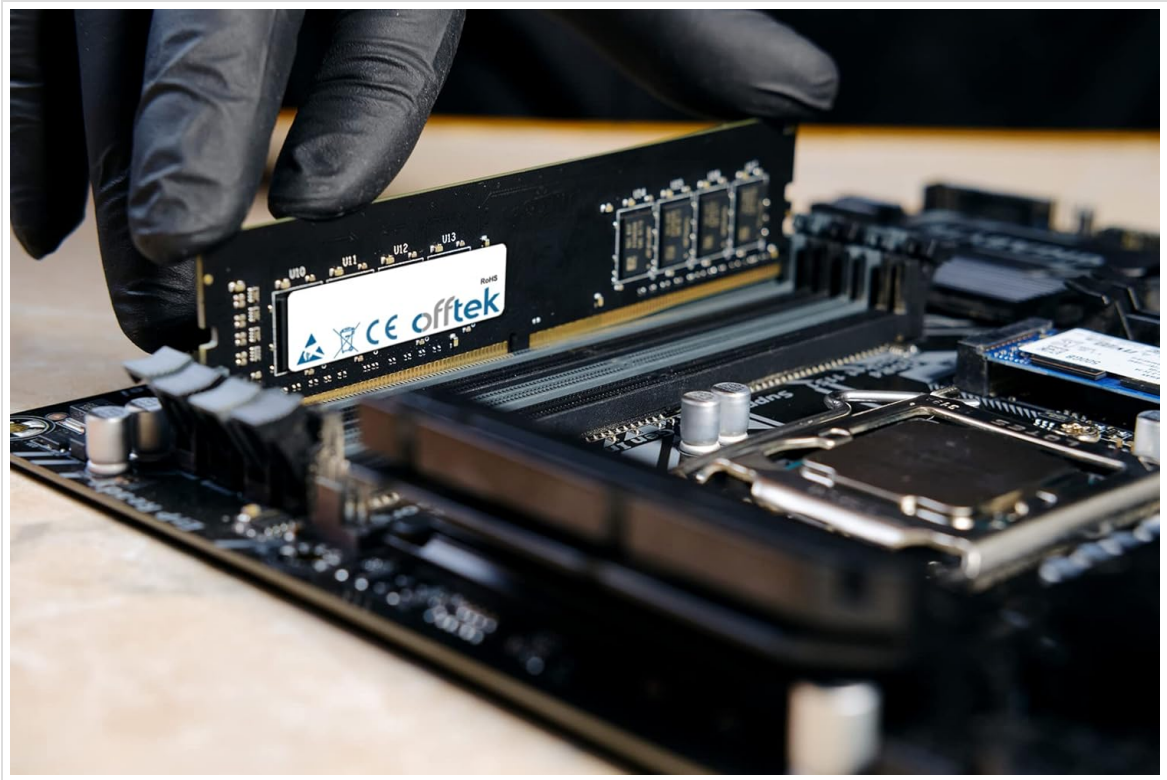


Image: A gloved hand carefully aligning and inserting a black OFFTEK RAM module into a motherboard's memory slot.

3. **Prepare the Slot:** Gently push the clips at both ends of the DIMM slot outwards.
4. **Insert the Memory Module:** Hold the OFFTEK memory module by its edges. Align the notch on the module with the key in the DIMM slot. This ensures correct orientation.
5. **Apply Even Pressure:** With the module correctly aligned, press down firmly and evenly on both ends of the module until the clips snap into place, securing the module. Do not force it if it doesn't seat easily; recheck alignment.

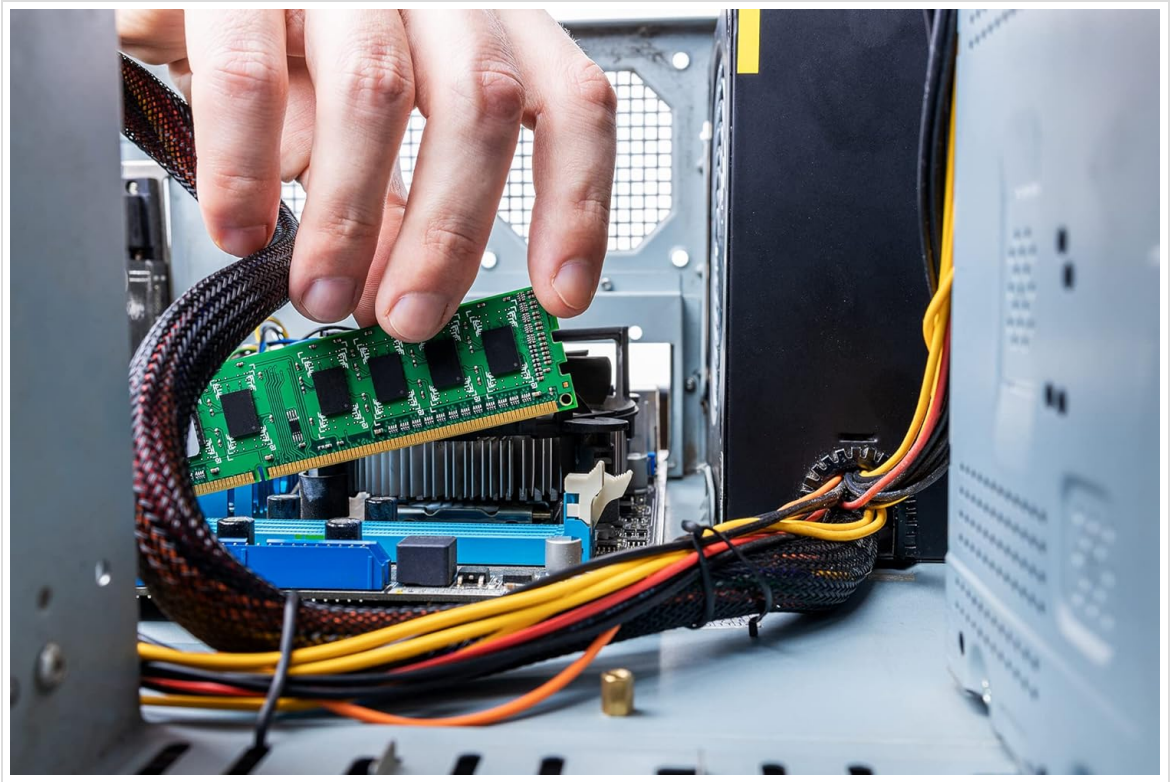


Image: A hand inserting a green OFFTEK RAM module into a memory slot within an open desktop computer case, surrounded by cables.

6. **Close the Computer Case:** Once all modules are securely installed, replace the side panel of your computer case.
7. **Reconnect Power:** Plug your computer back into the power outlet and power it on.
8. **Verify Installation:** Your system should automatically detect the new memory. You can verify the installed RAM amount in your operating system's system information or BIOS/UEFI settings.

OPERATING INSTRUCTIONS

Once installed, the OFFTEK memory module operates automatically. The operating system will recognize the increased memory capacity, and applications will utilize it to improve performance. No specific user interaction is required for the memory module itself after successful installation.

MAINTENANCE

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

- **Keep Clean:** Periodically clean the interior of your computer case to prevent dust buildup, which can impede airflow and lead to overheating. Use compressed air for this purpose.
- **Avoid Static:** Always take anti-static precautions when handling internal computer components.
- **Environmental Conditions:** Operate your computer in a well-ventilated area with stable temperature and humidity to protect all internal components, including RAM.

TROUBLESHOOTING

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

- **System Does Not Boot or Beeps:** This often indicates that the memory module is not seated correctly. Power off the computer, unplug it, and reseat the module by pressing down firmly until the clips snap into

place.

- **Incorrect RAM Amount Detected:** Verify that the module is fully seated. Check your motherboard's manual for correct slot population order, especially if installing multiple modules. Ensure your motherboard supports the installed memory type and capacity.
- **System Instability or Crashes:** This could be due to incompatible memory or a faulty module. If you have multiple modules, try testing them one by one. Ensure the memory speed and type are compatible with your motherboard.
- **BIOS/UEFI Settings:** Access your computer's BIOS/UEFI settings (usually by pressing DEL, F2, or F10 during startup) to confirm the memory is detected and configured correctly.

If problems persist, consult your motherboard's documentation or contact OFFTEK support for further assistance.

WARRANTY AND SUPPORT

Your OFFTEK memory module is backed by a **Limited Lifetime Warranty**. This warranty guarantees that if your memory should ever fail, OFFTEK will replace or repair the product free of charge, provided it is still manufactured. This commitment reflects OFFTEK's confidence in the quality and durability of its products, built on over 25 years of memory expertise.

For technical support, warranty claims, or further inquiries, please visit the official OFFTEK website or contact their customer service department. Refer to the packaging or the OFFTEK website for the most current contact information.