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> parts-quick 8GB DDR3 PC3-12800 1600MHz RAM for Biostar H67MU3 Motherboard User Manual

parts-quick 8GB DDR3 PC3-12800 1600MHz DIMM

parts-quick 8GB DDR3 PC3-12800 1600MHz RAM User Manual

For Biostar H67MU3 Motherboards

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your parts-quick 8GB DDR3 PC3-12800 1600MHz Non-ECC Desktop DIMM. This memory module is specifically designed for compatibility with the Biostar H67MU3 Motherboard, enhancing system performance and responsiveness.

2. SAFETY INFORMATION

Before handling any computer components, observe the following safety precautions:

- Always disconnect the computer from the power source before opening the case.
- Discharge any static electricity from your body by touching a grounded metal object (e.g., the computer chassis) before handling components.
- Handle the memory module by its edges to avoid touching the gold contacts or integrated circuits.
- Work in a clean, well-lit, and static-free environment.

3. PACKAGE CONTENTS

Verify that your package contains the following item:

- 1 x parts-quick 8GB DDR3 PC3-12800 1600MHz Non-ECC Desktop DIMM

If any items are missing or damaged, please contact customer support.

4. SETUP AND INSTALLATION

Follow these steps carefully to install the memory module into your Biostar H67MU3 Motherboard.

4.1 Pre-Installation Checklist

1. Ensure your computer is powered off and unplugged from the wall outlet.
2. Open the computer case according to your system's manufacturer instructions.
3. Locate the DIMM slots on your Biostar H67MU3 Motherboard. Refer to your motherboard manual for exact locations.

4.2 Installing the Memory Module

1. Gently push open the white retention clips at both ends of the DIMM slot.
2. Align the notch on the memory module with the key in the DIMM slot. The module will only fit one way.
3. Place the module into the slot and apply firm, even pressure to both ends until the retention clips snap into place, securing the module.
4. Visually inspect the module to ensure it is seated correctly and the clips are fully engaged.

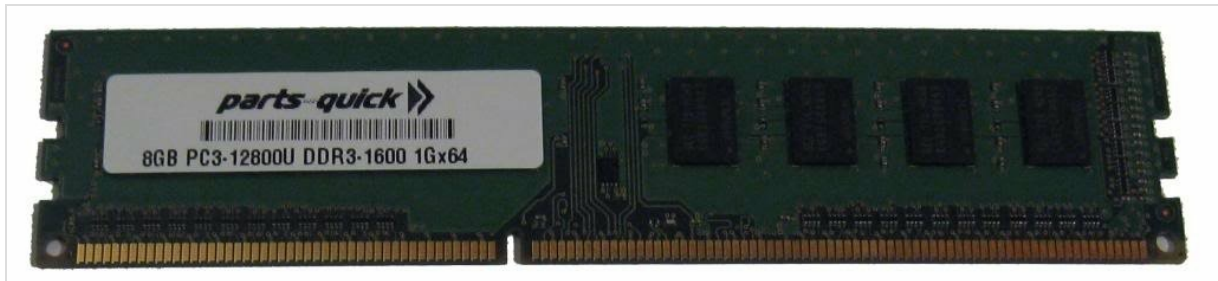


Image: A parts-quick 8GB DDR3 PC3-12800 1600MHz RAM module. This image illustrates the physical appearance of the memory stick, showing its green PCB and black memory chips, which is typical for a desktop DIMM.

4.3 Post-Installation

1. Close the computer case.
2. Reconnect the power cable and turn on your computer.
3. Access your system's BIOS/UEFI settings (usually by pressing DEL, F2, or F10 during startup) to verify that the new memory is recognized and operating at the correct speed (1600MHz).
4. Save changes and exit the BIOS/UEFI. Your operating system should now detect the increased memory.

5. OPERATING

Once installed, the parts-quick 8GB DDR3 PC3-12800 1600MHz RAM operates automatically with your system. No further user interaction is typically required for its basic function. The operating system will utilize the available memory as needed for applications and processes.

6. MAINTENANCE

Memory modules generally require minimal maintenance. Follow these guidelines to ensure longevity:

- **Dust Control:** Periodically clean the interior of your computer case to prevent dust buildup on components, including RAM. Use compressed air to gently remove dust.
- **Environmental Conditions:** Operate your computer in a stable environment, avoiding extreme temperatures, high humidity, or direct sunlight.

- **Physical Handling:** Avoid unnecessary removal or re-installation of the memory module once it is properly seated.

7. TROUBLESHOOTING

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

7.1 System Not Booting or No Display

- **Reseat the Module:** Power off and unplug the computer. Open the case and carefully remove and re-install the memory module, ensuring it is fully seated and the clips are engaged.
- **Check Other Slots:** If your motherboard has multiple DIMM slots, try installing the module in a different slot.
- **Test Individually:** If you have other memory modules, try booting with only the new parts-quick module installed.
- **Clear CMOS:** Refer to your motherboard manual for instructions on how to clear the CMOS, which can reset BIOS settings to default.

7.2 Incorrect Memory Detection or Instability

- **BIOS/UEFI Update:** Ensure your motherboard's BIOS/UEFI is updated to the latest version, as this can improve memory compatibility.
- **Memory Diagnostic Tools:** Run a memory diagnostic tool (e.g., Windows Memory Diagnostic or MemTest86) to check for errors.
- **Voltage Settings:** Verify that the memory voltage (1.5V) is correctly set in the BIOS/UEFI, if adjustable.

If issues persist, contact parts-quick technical support.

8. SPECIFICATIONS

Capacity	8GB
Form Factor	240 pin DIMM
Memory Type	DDR3
Speed	PC3-12800 (1600MHz)
Voltage	1.5V
Error Correction	Non-ECC
Buffering	Unbuffered
Compatibility	Biostar H67MU3 Motherboard, Desktop Systems
Additional Features	Halogen Free; ROHS Compliant

9. WARRANTY AND SUPPORT

Your parts-quick 8GB DDR3 PC3-12800 1600MHz memory module is backed by a **Lifetime Warranty**. This warranty covers defects in materials and workmanship for the life of the product.

For technical assistance, troubleshooting, or warranty claims, please contact parts-quick technical support. Refer to the product packaging or the official parts-quick website for the most current contact information, including toll-free technical support options.