parts-quick H61MHV

parts-quick 8GB DDR3 Memory Module for Biostar H61MHV Motherboard - User Manual

Model: H61MHV Compatible RAM Upgrade

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your parts-quick 8GB DDR3 PC3-12800 1600MHz Non-ECC Desktop DIMM memory module. This module is specifically designed for compatibility with the Biostar H61MHV Motherboard. Please read these instructions carefully before proceeding with installation.

An image showing the parts-quick 8GB DDR3 memory module, a rectangular circuit board with memory chips and a label.

SETUP AND INSTALLATION

1. Pre-Installation Checks

- Ensure your computer is powered off and unplugged from the wall outlet.
- Ground yourself to discharge any static electricity. This can be done by touching a metal part of the computer chassis.
- Open the computer case according to your system's manufacturer instructions.
- Locate the DIMM slots on your Biostar H61MHV Motherboard. Consult your motherboard manual for specific slot locations if needed.

2. Memory Module Installation

1. Gently unclip the retention tabs at both ends of the DIMM slot.
2. Align the notch on the memory module with the key in the DIMM slot. The module is designed to fit in only one orientation.
3. Insert the module firmly into the slot, applying even pressure to both ends until the retention tabs click into place.
4. Verify that the module is seated correctly and the tabs are securely locked.
5. Close the computer case and reconnect all cables.

OPERATING VERIFICATION

After installation, power on your computer. The system should automatically detect the new memory. You can verify the installed memory in the following ways:

- **BIOS/UEFI Setup:** Access your computer's BIOS or UEFI settings during startup (usually by pressing DEL, F2, or F10). The total installed RAM should be displayed.
- **Operating System:**
  - **Windows:** Right-click on 'This PC' or 'My Computer', select 'Properties'. The installed RAM will be listed.
  - **macOS:** Click the Apple menu, select 'About This Mac'. The memory information will be displayed.
  - **Linux:** Open a terminal and type free -h or cat /proc/meminfo.

If the system does not boot or the memory is not detected, refer to the Troubleshooting section.

MAINTENANCE

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

- Keep your computer's interior clean and free of dust. Dust accumulation can lead to overheating.
- Ensure proper airflow within your computer case.
- Handle memory modules by their edges to avoid touching the gold contacts or integrated circuits.
- Avoid exposing the module to extreme temperatures or humidity.

TROUBLESHOOTING

Common Issues and Solutions:

- **System does not boot or displays a blank screen:**
  - Ensure the memory module is fully seated in the DIMM slot and the retention clips are locked.

- Try reseating the module.
- If multiple modules are installed, try booting with only the new module.
- Verify that your motherboard BIOS is updated to support the memory module.

- **Incorrect amount of RAM detected:**

  - Check if the module is fully seated.
  - Ensure your operating system is 64-bit to fully utilize 8GB or more RAM.
  - Consult your motherboard manual for maximum supported memory and slot configuration.

- **System instability or crashes:**

  - Run a memory diagnostic tool (e.g., Windows Memory Diagnostic, MemTest86) to check for errors.
  - Ensure the memory module is compatible with your motherboard and CPU.

SPECIFICATIONS

Capacity	8GB
Form Factor	240-pin DIMM
Memory Type	DDR3
Speed	PC3-12800 (1600MHz)
Voltage	1.5V
Error Correction	Non-ECC Unbuffered
Compatibility	Biostar H61MHV Motherboard (Desktop)
Environmental Compliance	Halogen Free; ROHS

WARRANTY INFORMATION

This parts-quick memory module is backed by a **Lifetime Warranty**. This warranty covers defects in materials and workmanship under normal use. For detailed warranty terms and conditions, please refer to the official parts-quick website or contact customer support.

TECHNICAL SUPPORT

For any technical assistance or inquiries regarding your parts-quick memory module, please utilize our **Toll Free Technical Support**. Our support team is available to help with installation, troubleshooting, and general product questions.

Please visit the official parts-quick website for contact details and support resources.

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