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› PARTS-QUICK 4GB DDR4 2400MHz Non-ECC UDIMM Installation Guide for Acer Veriton M Series VM6650G-xxx

parts-quick VM6650G-xxx

PARTS-QUICK 4GB DDR4 2400MHz Non-ECC UDIMM Installation Guide

For Acer Veriton M Series VM6650G-xxx Systems

INTRODUCTION

This manual provides comprehensive instructions for the proper installation and verification of your PARTS-QUICK 4GB DDR4 2400MHz Non-ECC UDIMM memory module. This memory module is specifically designed for compatibility with Acer Veriton M Series VM6650G-xxx desktop systems. Please read all instructions carefully before proceeding with the installation.



Image: The PARTS-QUICK 4GB DDR4 2400MHz Non-ECC UDIMM memory module. This image shows the physical appearance of the RAM stick, including its chips and connectors.

SETUP AND INSTALLATION

Safety Precautions

- Always power off your computer and unplug it from the power outlet before opening the case.
- Discharge any static electricity by touching a grounded metal object (e.g., the metal chassis of your computer) before handling memory modules or other internal components.
- Handle memory modules by their edges to avoid touching the gold connectors or the chips.
- Work in a well-lit, clean, and static-free environment.

Installation Steps

1. Prepare Your System:

Shut down your Acer Veriton M Series VM6650G-xxx computer completely. Disconnect the power cord and all peripheral cables (monitor, keyboard, mouse, etc.).

2. Open the Computer Case:

Refer to your computer's specific documentation for instructions on how to safely open the case. Typically, this involves removing screws on the back panel and sliding off a side panel.

3. Locate DIMM Slots:

Identify the DDR4 DIMM (Dual In-line Memory Module) slots on your motherboard. These are usually long, narrow slots with clips on either end. Your system may have multiple slots.

4. Install the Memory Module:

Align the notch on the PARTS-QUICK memory module with the corresponding key in the DIMM slot. Gently but firmly push the module straight down into the slot until the clips on both ends snap into place. Ensure the module is seated evenly and securely.

5. Close the Computer Case:

Once the memory module is securely installed, reattach the side panel and secure it with the screws you removed earlier.

6. Reconnect and Power On:

Reconnect all power and peripheral cables. Power on your computer. The system should automatically detect the new memory.

VERIFYING INSTALLATION

After installing the memory module, it is important to verify that your system recognizes the new memory correctly.

1. Access System Information:

Once your computer boots up, you can check the installed memory in your operating system. For Windows, right-click on "This PC" or "My Computer," select "Properties," and look for "Installed RAM" or "System Memory."

2. BIOS/UEFI Check:

Alternatively, you can enter your system's BIOS or UEFI setup utility during startup (usually by pressing DEL, F2, F10, or F12 repeatedly after powering on). Navigate to the system information or memory section to confirm the total installed RAM.

The total memory displayed should reflect the original memory plus the newly installed 4GB module.

MAINTENANCE

PARTS-QUICK memory modules are designed for long-term reliability and typically require no routine maintenance. To ensure optimal performance and longevity of your memory and computer system:

- Keep your computer's internal components free from dust by periodically cleaning the interior with compressed air.
- Ensure adequate airflow within your computer case to prevent overheating.
- Avoid exposing your computer to extreme temperatures or humidity.

TROUBLESHOOTING

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

- **System Does Not Boot or Beeps:**
Ensure the memory module is fully seated in its slot. Remove and re-insert the module, making sure the clips snap into place on both sides. Try the module in a different slot if available.
- **Incorrect Memory Amount Detected:**
Verify that the module is correctly seated. Check your system's BIOS/UEFI settings to ensure the memory is recognized. If you have multiple modules, try installing them one by one to identify a potentially faulty module or slot.
- **System Instability or Blue Screens:**
This could indicate a memory issue. Re-seat the module. If problems persist, run a memory diagnostic tool (e.g., Windows Memory Diagnostic) to check for errors.
- **Compatibility Check:**
Double-check that the memory module specifications (DDR4 2400MHz Non-ECC UDIMM) match your Acer Veriton M Series VM6650G-xxx system's requirements. Refer to your computer's manual for exact specifications.

If troubleshooting steps do not resolve the issue, please contact PARTS-QUICK technical support for assistance.

PRODUCT SPECIFICATIONS

Feature	Detail
Capacity	4GB
Speed	DDR4 PC4-19200 2400MHz
Form Factor	288 pin UDIMM
Type	Non-ECC Unbuffered DIMM
Voltage	1.2v
CAS Latency	CL17
Environmental Compliance	Halogen Free; ROHS
Compatible Devices	Desktop (Acer Veriton M Series VM6650G-xxx)

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 specific terms and conditions, please refer to the official PARTS-QUICK warranty policy or contact customer support.

TECHNICAL SUPPORT

For any technical questions, installation assistance, or troubleshooting guidance, PARTS-QUICK offers **Toll Free Technical Support**. Please have your product details ready when contacting support. Contact information can typically be found on the PARTS-QUICK official website or product packaging.