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› parts-quick 8GB DDR4 2666MHz SODIMM RAM Installation Guide for ASUS Vivo AiO V241FA, V241IC

parts-quick 8GB-DDR4-2666-S-ASUS-8159

parts-quick 8GB DDR4 2666MHz SODIMM RAM Installation Guide

For ASUS Vivo AiO V241FA, V241IC

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your parts-quick 8GB DDR4 2666MHz SODIMM RAM module. This memory module is specifically designed for compatibility with ASUS Vivo AiO V241FA and ASUS Vivo AiO V241IC systems. Please read this guide thoroughly before proceeding with installation to ensure proper function and to prevent damage to your system or the memory module.

2. SAFETY INFORMATION

Always prioritize safety when working with computer hardware. Failure to follow these guidelines may result in personal injury or damage to your equipment.

- **Power Disconnection:** Before opening your computer case or handling any internal components, ensure the computer is completely powered off and disconnected from the main power outlet.
- **Electrostatic Discharge (ESD):** ESD can severely damage electronic components. Always ground yourself before touching any internal parts. This can be done by touching a metal part of the computer chassis (unpainted) while it is still plugged into a grounded outlet (but powered off), or by using an anti-static wrist strap.
- **Handle with Care:** Hold the RAM module by its edges, avoiding contact with the gold connector pins or the chips on the module.
- **Ventilation:** Ensure your workspace is well-ventilated.
- **Tool Use:** Use appropriate tools, such as a small Phillips head screwdriver, if required to open your computer case.

3. PACKAGE CONTENTS

Verify that your package contains the following item:

- 1 x parts-quick 8GB DDR4 2666MHz SODIMM RAM Module



Image showing the parts-quick 8GB DDR4 2666MHz SODIMM RAM module, highlighting its compact form factor and connector pins.

4. SETUP (INSTALLATION)

Follow these steps carefully to install the RAM module into your ASUS Vivo AiO V241FA or V241IC system.

1. Prepare Your System:

- Save all open work and shut down your computer completely.
- Disconnect the power cord and any other cables (USB, Ethernet, etc.) from the computer.
- Place the computer on a clean, flat, and stable surface.
- Ground yourself to discharge any static electricity.

2. Access the RAM Slots:

- Refer to your ASUS Vivo AiO V241FA/V241IC user manual for specific instructions on how to open the computer case and locate the memory (RAM) slots. This usually involves removing screws from the back panel.

3. Remove Existing RAM (if upgrading):

- If you are replacing an existing RAM module, gently push the small clips on both sides of the RAM slot outwards. The module should pop up at an angle.
- Carefully pull the module out of the slot. Store it in an anti-static bag if you plan to keep it.

4. Install the New RAM Module:

- Align the notch on the parts-quick SODIMM RAM module with the key in the memory slot. The module can only be inserted one way.
- With the module angled at approximately 30-45 degrees, gently push it into the slot until the gold connectors are almost fully inserted.
- Press down firmly on both ends of the module until the side clips snap into place, securing the module.

horizontally. Ensure the clips are fully engaged.

5. Reassemble and Power On:

- Carefully close and secure the computer case.
- Reconnect all cables, including the power cord.
- Power on your computer.

5. OPERATING (VERIFICATION)

After installation, it is important to verify that the new RAM module is recognized and functioning correctly.

- **BIOS/UEFI Check:** During startup, access your system's BIOS/UEFI settings (usually by pressing F2, Del, or another key indicated on screen). Navigate to the system information or memory section to confirm the total installed RAM matches the expected amount (e.g., 8GB + existing RAM).
- **Operating System Check (Windows):**
 - Right-click on "This PC" or "My Computer" and select "Properties."
 - Look for "Installed RAM" or "Memory" to verify the total recognized memory.
- **Operating System Check (macOS/Linux):**
 - For macOS, go to "About This Mac" from the Apple menu.
 - For Linux, use commands like `free -h` or `cat /proc/meminfo` in the terminal.

If the system recognizes the correct amount of RAM, the installation was successful. The memory module operates automatically with your system.

6. MAINTENANCE

RAM modules generally require no specific maintenance. However, maintaining a clean computing environment can prolong the life of all components.

- **Dust Control:** Periodically clean the interior of your computer case using compressed air to remove dust buildup, which can impede airflow and lead to overheating.
- **Environmental Conditions:** Operate your computer in a cool, dry environment, away from direct sunlight and excessive humidity.

7. TROUBLESHOOTING

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

- **System Does Not Boot or Beeps:**
 - Ensure the RAM module is fully seated in its slot. Re-seat the module by pressing down firmly until the clips snap into place.
 - Verify the module is inserted in the correct orientation (notch alignment).
 - If multiple modules are installed, try booting with only the new module, or try the new module in a different slot.
- **Incorrect RAM Amount Detected:**
 - Check BIOS/UEFI settings to ensure the system recognizes the new memory.
 - Ensure the module is fully seated.
 - Confirm compatibility with your specific ASUS Vivo AiO model.
- **System Instability or Blue Screens:**
 - This could indicate a faulty module or incompatibility. Try running a memory diagnostic tool (e.g., Windows

Memory Diagnostic).

- Ensure your system's BIOS/UEFI is up to date.

If troubleshooting steps do not resolve the issue, please refer to the Support section.

8. SPECIFICATIONS

Brand	parts-quick
Capacity	8GB
Memory Type	DDR4
Speed	2666MHz (PC4-21600)
Form Factor	260-pin SO-DIMM
Compatibility	ASUS Vivo AiO V241FA, ASUS Vivo AiO V241IC
Additional Features	Halogen Free; ROHS Compliant
Model Number	8GB-DDR4-2666-S-ASUS-8159

9. WARRANTY

This parts-quick RAM module comes with a **Lifetime Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or detailed terms and conditions, please refer to the manufacturer's official website or contact customer support.

10. SUPPORT

If you require further assistance with installation, troubleshooting, or have questions regarding your parts-quick RAM module, please contact parts-quick customer support. Have your product model number (8GB-DDR4-2666-S-ASUS-8159) and system information ready when contacting support.
For the most up-to-date support information, please visit the official parts-quick website.

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Question

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Details

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