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› A-Tech 4GB DDR4 2666MHz PC4-21300 DIMM Desktop Memory Module Instruction Manual

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Model: 4GB DDR4 2666MHz PC4-21300 DIMM

INTRODUCTION

This manual provides essential information for the installation, specifications, and troubleshooting of your A-Tech 4GB DDR4 2666MHz PC4-21300 Non-ECC DIMM Desktop Memory Module. Please read these instructions carefully before proceeding with installation to ensure proper function and system stability.

PRODUCT OVERVIEW

The A-Tech 4GB DDR4 2666MHz PC4-21300 memory module is designed to enhance the performance of compatible desktop computer systems. It is a 288-pin Non-ECC Unbuffered DIMM operating at 1.2V, suitable for systems requiring DDR4 2666MHz memory.





Image: A-Tech 4GB DDR4 DIMM Desktop Memory Module in its retail packaging.

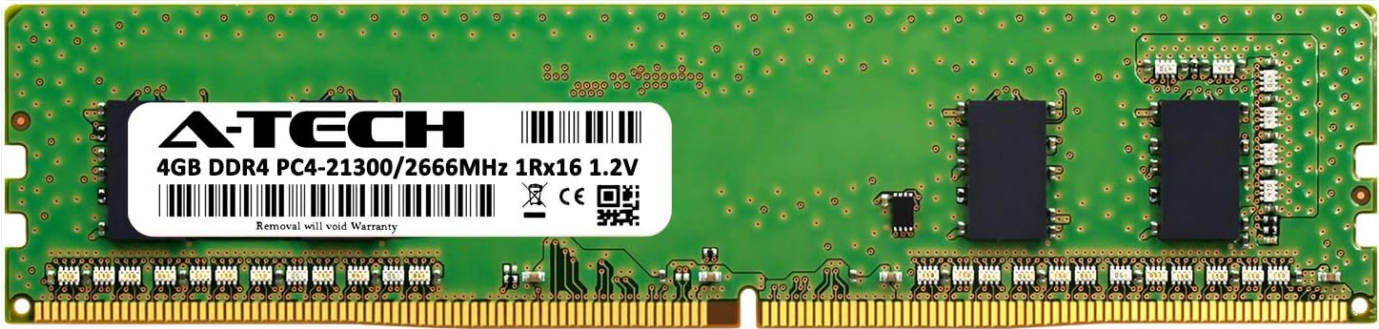


Image: Close-up view of the A-Tech 4GB DDR4 DIMM module, showing the label with specifications.

SPECIFICATIONS

Memory Size	4 GB
Memory Type	DDR4 DIMM
Speed	2666 MHz (PC4-21300)
Pin Count	288-Pin
Error Correction	Non-ECC Unbuffered (UDIMM)
Rank	1Rx16 - Single Rank x16
Voltage	1.2V
Compatibility	Desktop PCs (e.g., Dell SNPCND02C/4G, AA086414, CND02, 0CND02)
Dimensions (LxWxH)	5.25 x 1.23 x 0.15 inches (133.35 x 31.24 x 3.81 mm)

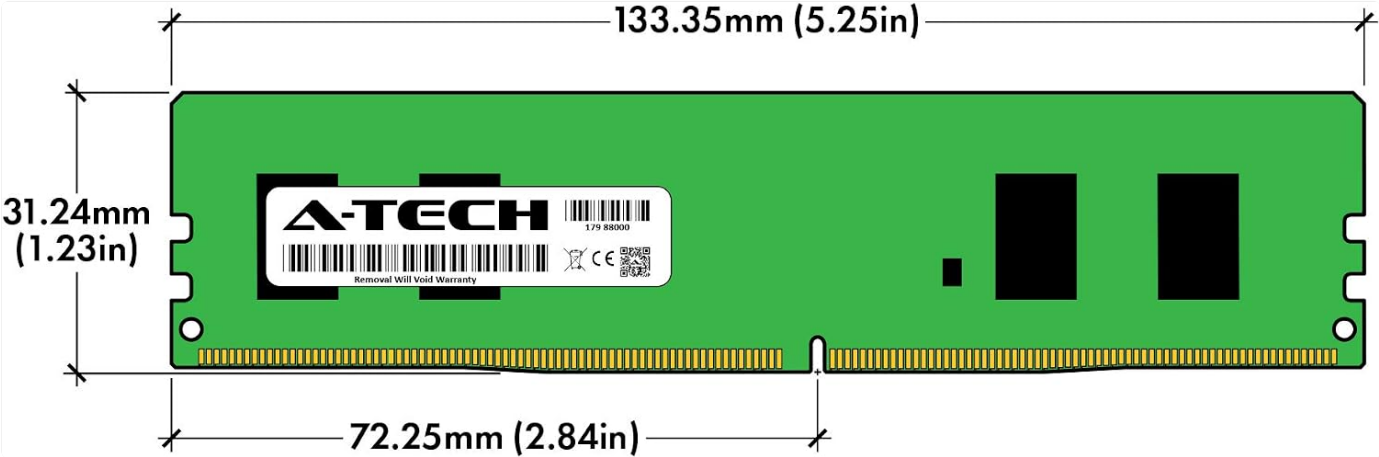


Image: Technical drawing showing the dimensions of the A-Tech DDR4 DIMM module.

COMPATIBILITY AND IMPORTANT NOTES

This memory module is specifically designed for **Desktop PCs**. It is **NOT COMPATIBLE** with server systems or laptop computers. Ensure your system supports DDR4 Non-ECC Unbuffered DIMM memory at 2666MHz. Always refer to your system's manual for proper memory seating and channel guidelines.

COMPATIBILITY

Designed for Desktop Computers/PCs

(NOT COMPATIBLE with Laptop computers; please refer to your system's manual to confirm compatibility)

Image: Visual emphasizing compatibility with desktop computers.



Important: This product is a DIMM module for desktops. SODIMM modules (pictured above) are for laptops and are not compatible.

INSTALLATION GUIDE

Before beginning, ensure your computer is powered off and unplugged from the wall outlet. It is recommended to wear an anti-static wrist strap or periodically touch a grounded metal object to discharge static electricity, which can damage electronic components.

- 1. Prepare Your System:** Power down your computer completely and disconnect all cables, including the power cord.
- 2. Open the Computer Case:** Remove the side panel of your computer case to access the motherboard and RAM slots.
- 3. Locate RAM Slots:** Identify the DIMM slots on your motherboard. Consult your motherboard manual for the correct slot configuration if installing multiple modules.
- 4. Remove Existing Modules (if applicable):** If replacing existing RAM, gently push down the retention clips on both ends of the slot. The module will pop up slightly, allowing you to remove it.
- 5. Install New Module:** Align the notch on the A-Tech memory module with the key in the DIMM slot. Apply even pressure to both ends of the module until the retention clips snap into place, securing the module. Do not force the module if it does not fit; re-check alignment.
- 6. Close Case and Reconnect:** Once the module is securely installed, replace the computer case panel and reconnect all cables.
- 7. Power On and Verify:** Power on your computer. The system should automatically detect the new memory. You can verify the installed memory in your operating system's system information or BIOS/UEFI settings.



Image: Two A-Tech DDR4 DIMM modules, illustrating the product type for installation.

MAINTENANCE AND HANDLING PRECAUTIONS

Memory modules are sensitive electronic components. Proper handling ensures longevity and prevents damage.

- Always handle the memory module by its edges, avoiding contact with the gold connectors or the chips.
- Store unused modules in anti-static bags to protect them from electrostatic discharge (ESD).
- Keep modules away from liquids, extreme temperatures, and direct sunlight.
- No routine maintenance is required for memory modules once installed.

TROUBLESHOOTING

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

- **System Does Not Boot / No Display:**
 - Ensure the memory module is fully seated in its slot and the retention clips are locked.
 - Try reseating the module.
 - If installing multiple modules, try installing one module at a time to identify a faulty one or an incompatible slot.
 - Verify that your motherboard supports the installed memory type (DDR4), speed (2666MHz), and capacity.
- **Incorrect Memory Capacity Detected:**
 - Check your system's BIOS/UEFI settings to confirm the detected memory.
 - Ensure all modules are correctly seated.
 - Some motherboards require specific slot configurations for dual-channel or quad-channel memory; consult your motherboard manual.
- **System Instability / Blue Screens:**
 - Run a memory diagnostic tool (e.g., Windows Memory Diagnostic, MemTest86) to check for errors.
 - Ensure your system's BIOS/UEFI is updated to the latest version, as this can improve memory compatibility.
 - Verify that the memory is running at its rated speed and voltage in the BIOS/UEFI.

If issues persist, please contact A-Tech Technical Support for further assistance.

WARRANTY AND SUPPORT

A-Tech provides a **Lifetime Warranty** for all memory modules. This warranty covers defects in materials and workmanship for the lifetime of the product. For warranty claims or technical assistance, please contact A-Tech's United States-based Tech Support team.

For more information and support resources, visit the official A-Tech website:

[A-Tech Official Website](#)

Safety Information

- Always disconnect power before installing or removing components.
- Be aware of electrostatic discharge (ESD). Use proper grounding techniques.
- Do not attempt to modify the memory module.
- Keep out of reach of children.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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