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› A-Tech 4GB DDR PC3200 RAM Memory Kit User Manual

A-Tech MS650KMM3548



A-Tech 4GB DDR PC3200 RAM Memory Kit User Manual

Model: MS650KMM3548

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your A-Tech 4GB (4 x 1GB) DIMM DDR Non-ECC PC3200 400MHz RAM Memory Kit. This memory kit is specifically designed for compatibility with Fujitsu-Siemens Scenic systems, including models N600 i865G D1562, P300 i865G D1561, P320 i915G D1931, and Mainboard W600 i865G D1567.

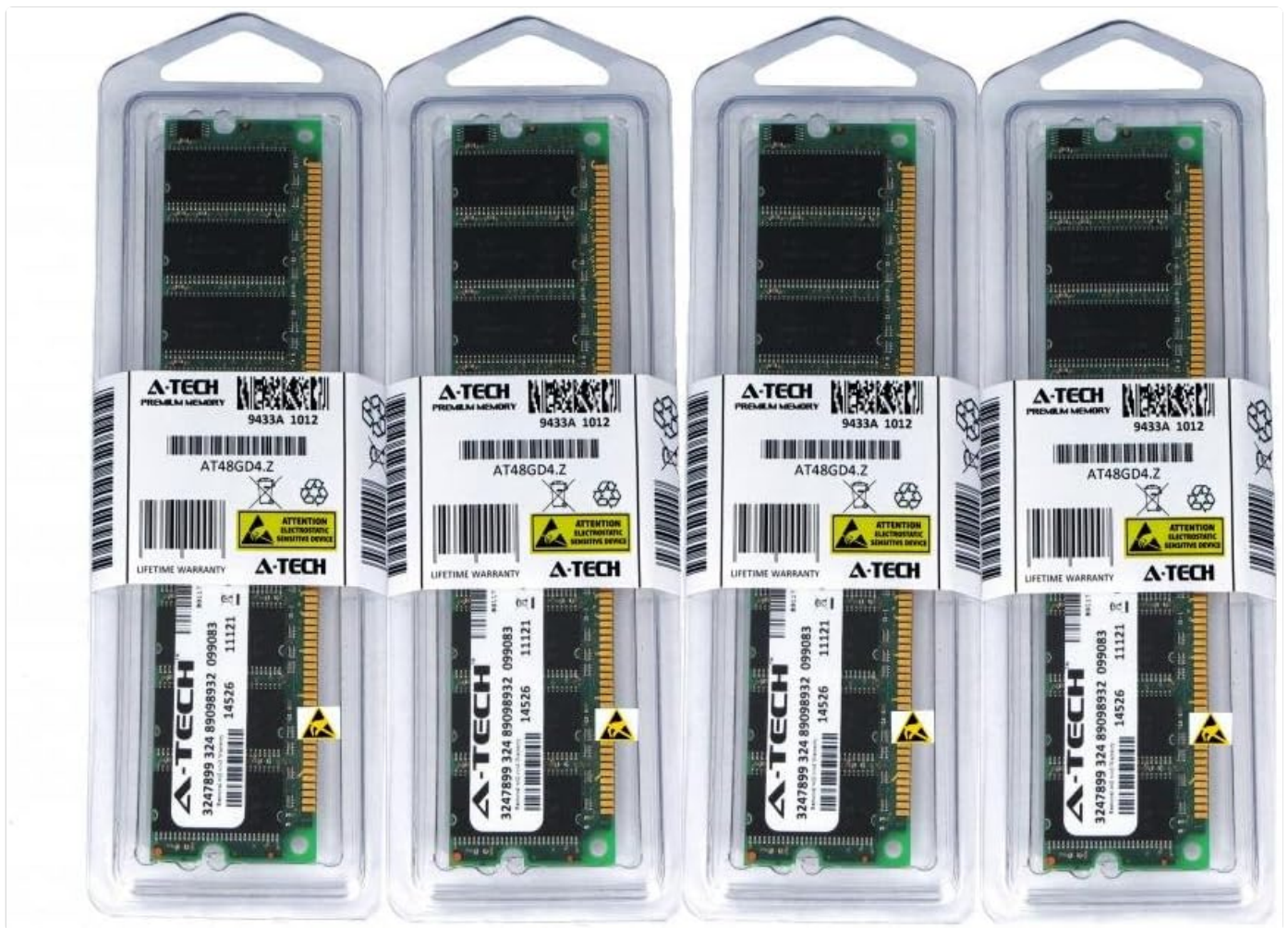


Image: The A-Tech 4GB (4 x 1GB) DIMM DDR PC3200 RAM Memory Kit, showing four individually packaged memory modules.

A-Tech memory modules are rigorously tested to ensure high quality and dependable performance, providing an effective upgrade solution for compatible systems.

SETUP AND INSTALLATION

Installing RAM memory requires careful handling to prevent damage to the modules or your computer system. Always ensure proper electrostatic discharge (ESD) precautions are taken.

Safety Precautions:

- **Power Off:** Completely shut down your computer and disconnect it from the power source before opening the case.
- **Ground Yourself:** Use an anti-static wrist strap or frequently touch a grounded metal object (like the computer's unpainted metal chassis) to discharge static electricity.
- **Handle Carefully:** Hold memory modules by their edges, avoiding contact with the gold connectors or the chips.
- **Consult System Manual:** Refer to your computer's specific user manual for detailed instructions on accessing memory slots and any system-specific installation requirements.

Installation Steps:

1. **Prepare Your System:** Power down and unplug your computer. Open the computer case according to your system's instructions.
2. **Locate Memory Slots:** Identify the DIMM slots on your motherboard. These are typically long, narrow slots with clips on either end.
3. **Open Clips:** Gently push the clips at both ends of the memory slot outwards to open them.

4. **Align Module:** Align the notch(es) on the bottom edge of the RAM module with the corresponding key(s) in the memory slot. Ensure the module is oriented correctly.
5. **Insert Module:** Place the module into the slot and press down firmly and evenly on both ends until the clips snap into place, securing the module. Do not force the module if it does not fit; re-check alignment.
6. **Repeat:** Repeat for all additional memory modules.
7. **Close Case:** Once all modules are securely installed, close your computer case and reconnect the power.

OPERATION

Upon successful installation, your computer system should automatically detect and utilize the newly installed A-Tech RAM. No specific software installation or configuration is typically required for standard memory modules.

Verifying Installation:

After booting your computer, you can verify the new memory is recognized by checking your system's properties:

- **Windows:** Right-click on "This PC" or "My Computer" and select "Properties." The installed RAM amount will be displayed under "Installed memory (RAM)."
- **macOS:** Click the Apple menu (🍏) > "About This Mac." The memory information will be listed.
- **Linux:** Open a terminal and use commands like `free -h` or `sudo lshw -c memory`.

Maximize Performance

Speed up loading times, boost system performance, & improve your computer's ability to handle greater workloads



Image: Visual representation of how upgrading RAM can maximize system performance, speeding up loading times and boosting overall system responsiveness.



Multitask with Ease

Take on more and multitask with ease by expanding your computer's ability to handle greater workloads

Image: Illustrates the benefit of increased memory, allowing users to multitask more efficiently and handle greater workloads.

MAINTENANCE

A-Tech RAM modules are designed for long-term reliability and typically require no direct maintenance. However, general

computer maintenance practices can help ensure optimal performance and longevity of your system, including the memory:

- **Keep System Clean:** Periodically clean the interior of your computer case to prevent dust buildup, which can impede airflow and lead to overheating. Use compressed air to gently clear dust from components, including around memory slots.
- **Ensure Proper Airflow:** Make sure your computer's fans are functioning correctly and that ventilation openings are not obstructed. Good airflow helps maintain optimal operating temperatures for all components, including RAM.
- **Software Updates:** Keep your operating system and drivers updated. While not directly related to RAM hardware, a well-maintained software environment contributes to overall system stability.

Ensured Reliability

All A-Tech memory modules undergo quality control testing to ensure dependable and reliable performance



Image: Highlights the rigorous quality control testing that A-Tech memory modules undergo to ensure dependable and reliable performance.

TROUBLESHOOTING

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

- **System Not Booting / No Display:**
 - Ensure all RAM modules are fully seated in their slots. Gently press down on both ends of each module until the clips snap into place.
 - Verify that the RAM modules are compatible with your motherboard. Refer to your motherboard's manual for supported RAM types and speeds.
 - Try booting with only one RAM module installed at a time to identify if a specific module is faulty.
 - Clear the CMOS (Complementary Metal-Oxide-Semiconductor) settings on your motherboard. Consult your motherboard manual for instructions.
- **Incorrect RAM Amount Detected:**
 - Re-seat all RAM modules.
 - Check your system's BIOS/UEFI settings to ensure the correct amount of RAM is detected.
 - Ensure your operating system is a 64-bit version if you have installed more than 4GB of RAM, as 32-bit operating systems can only address approximately 3.5GB.
- **System Instability / Blue Screens (BSOD):**
 - Run a memory diagnostic tool (e.g., Windows Memory Diagnostic, MemTest86) to check for errors in the RAM modules.
 - Ensure your system's BIOS/UEFI is updated to the latest version, as this can improve memory compatibility and stability.
 - Verify that the RAM speed and timings are correctly set in the BIOS/UEFI, or reset them to default.

If these steps do not resolve the issue, please contact A-Tech customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Product Type	RAM Memory Kit
Total Memory Size	4 GB (4 x 1GB modules)
Memory Technology	DDR SDRAM
Memory Speed	400 MHz (PC3200)
Error Correction	Non-ECC
Form Factor	DIMM
Compatible Devices	Fujitsu-Siemens Scenic N600 i865G D1562, P300 i865G D1561, P320 i915G D1931, Mainboard W600 i865G D1567
Model Number	MS650KMM3548
Product Dimensions	6.7 x 3.6 x 0.8 inches
Item Weight	4.8 ounces

WARRANTY INFORMATION

A-Tech provides a **Lifetime Warranty** for this memory kit. This warranty covers defects in materials and workmanship for the lifetime of the product. For specific terms and conditions, please refer to the official A-Tech warranty policy available on their website or contact customer support.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any other inquiries regarding your A-Tech RAM memory kit, please contact A-Tech customer support. You can find more information and contact details on the official A-Tech website:

Visit the A-Tech Store on Amazon

Visit A-Tech Official Website

ASK A QUESTION ABOUT THIS MANUAL

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

Anonymous

Email

you@example.com

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