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A-Tech ASK932

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MODEL: ASK932

High-Performance Memory Upgrade for Compatible Systems

1. Product Overview

The A-Tech 8GB DDR4 2400MHz PC4-19200 SODIMM Non-ECC Memory Module is designed to enhance the performance of compatible laptops and all-in-one systems. This module provides a significant upgrade to your system's memory capacity, enabling smoother multitasking and improved overall responsiveness.

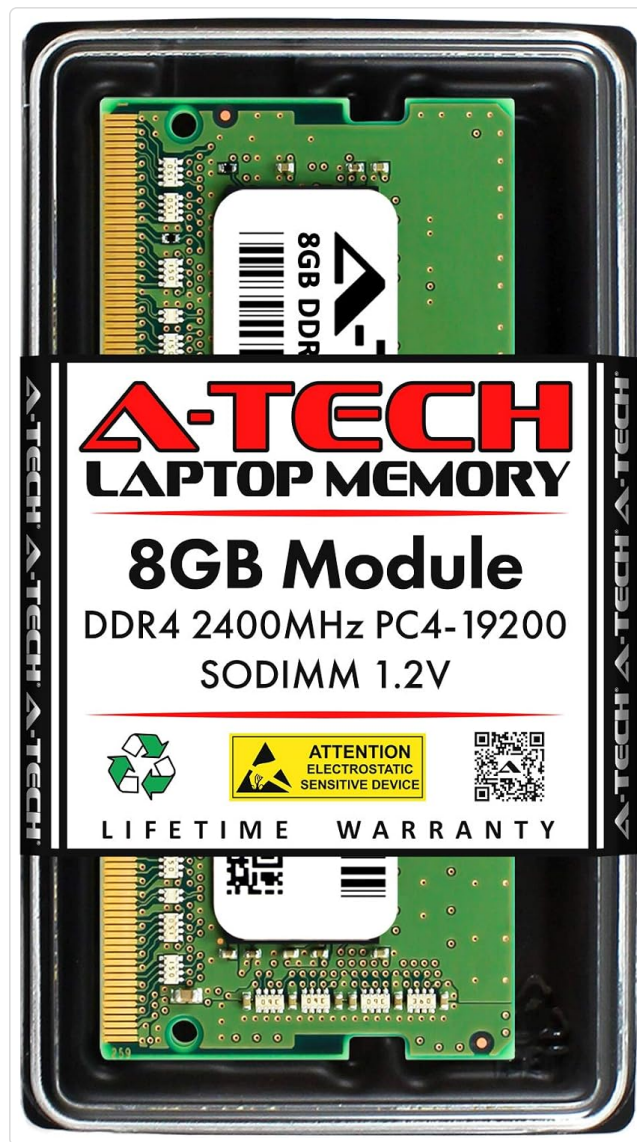


Image 1.1: The A-Tech 8GB DDR4 SODIMM memory module shown in its protective retail packaging. The label clearly indicates 'A-TECH LAPTOP MEMORY 8GB Module DDR4 2400MHz PC4-19200 SODIMM 1.2V' along with a QR code for more information.

[Scan for more information.](#)

Key features include:

- Single 8 GB Module for memory expansion.
- DDR4 2400 MHz (PC4-19200 / PC4-2400) specification.
- SO-DIMM (260-Pin) form factor, suitable for laptops and small form factor PCs.
- Non-ECC Unbuffered design for standard consumer systems.
- Operates at 1.2V, adhering to DDR4 standard voltage.

2. Compatibility

This A-Tech memory module is compatible with a range of HP Pavilion laptop and all-in-one models. Please verify your system's specific memory requirements before installation.



Image 2.1: An image depicting a laptop in use, emphasizing the broad compatibility of the A-Tech memory module with various laptop, notebook, and All-in-One (AIO) computer systems.

Compatible HP Pavilion models include:

- HP Pavilion 14-alxxx series
- HP Pavilion 14-bf060tx
- HP Pavilion 14-bf103tx
- HP Pavilion 15-AU091NR
- HP Pavilion 15-au106tx
- HP Pavilion 15-au109ni
- HP Pavilion 15-au639tx
- HP Pavilion AIO 24-r003la
- HP Pavilion x360 15-cr0004ng

For optimal performance, always refer to your system's official manual for specific memory upgrade guidelines and maximum supported capacity.

3. Specifications

Detailed technical specifications for the A-Tech 8GB DDR4 SODIMM Memory Module:

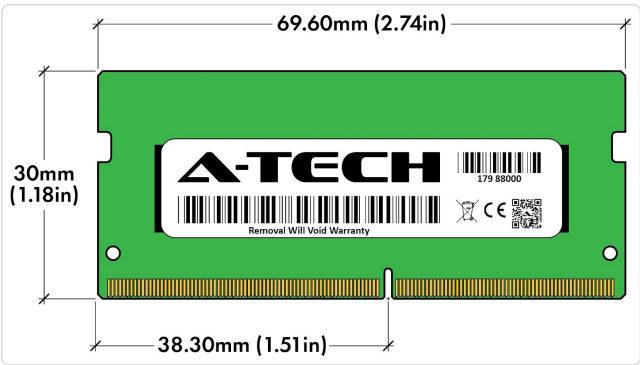


Image 3.1: A technical diagram illustrating the physical dimensions of the A-Tech 8GB DDR4 SODIMM module, measuring approximately 69.60mm (2.74in) in length and 30mm (1.18in) in width. [Visit A-Tech Memory.](#)

Specification	Value
RAM Capacity	8 GB
RAM Type	DDR4
Memory Speed	2400 MHz (PC4-19200)

Specification	Value
Form Factor	SODIMM (260-Pin)
Error Correction	Non-ECC Unbuffered
Voltage	1.2 Volts
Model Number	ASK932
Product Dimensions	2.74 x 1.18 x 0.15 inches (69.60 x 30 x 3.81 mm)
Date First Available	August 25, 2023

4. Setup and Installation

Installing the A-Tech memory module is a straightforward process. However, it is crucial to consult your computer's specific service manual for detailed instructions and safety precautions, as procedures may vary between models. Always ensure your system is powered off and unplugged before beginning.



Image 4.1: A close-up view of the A-Tech 8GB DDR4 SODIMM module, highlighting the gold contacts and the label with product details. Note the warning 'Removal will void Warranty' on the label.

General installation steps:

- Preparation:** Power down your computer completely and disconnect all power sources (AC adapter, battery).
- Access Memory Slots:** Open your computer's case or access panel to expose the memory slots. This usually involves removing screws and carefully detaching the back cover or a dedicated access panel.
- Static Discharge:** Before handling the memory module, discharge any static electricity by touching a grounded metal object (e.g., an unpainted metal part of your computer's chassis).
- Remove Existing Module (if applicable):** If you are replacing an existing module, gently push apart the small clips on either side of the memory slot. The module should pop up at an angle, allowing you to pull it out.
- Insert New Module:** Align the notch on the A-Tech SODIMM module with the key in the memory slot. Insert the module at a 45-degree angle, applying even pressure until it is fully seated.
- Secure Module:** Push the module down until the clips on both sides snap into place, securing the module horizontally.
- Reassemble:** Close the computer's case or access panel and reconnect all power sources.
- Test:** Power on your computer. The system should automatically detect the new memory. You can verify the installed RAM in your operating system's system information.

Important: Always refer to your system's manufacturer manual for specific instructions and safety warnings regarding memory installation.

5. Operating

Once installed, the A-Tech 8GB DDR4 memory module operates automatically with your system. It works to expand your computer's working memory (RAM), which is crucial for running applications and managing data efficiently.



Image 5.1: A user comfortably working on a laptop, symbolizing the enhanced multitasking capabilities and smoother experience provided by increased RAM capacity.

Benefits of upgrading your RAM include:

- **Improved Multitasking:** Run more applications simultaneously without slowdowns.
- **Faster Application Loading:** Programs and files load quicker.
- **Enhanced System Responsiveness:** Overall system operations feel snappier and more fluid.
- **Reduced Bottlenecks:** Minimizes delays caused by insufficient memory, especially during intensive tasks.

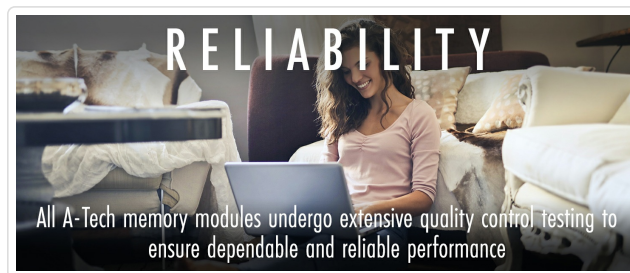


Image 5.2: A graphic depicting a rocket launching from a laptop screen, visually representing the significant performance upgrade and reduction in bottlenecks achieved by installing A-Tech memory.

6. Maintenance

Memory modules generally require minimal maintenance. However, proper handling and environmental conditions are important for their longevity and reliable operation.

- **Handle with Care:** Always hold the memory module by its edges to avoid touching the gold contacts or the integrated circuits.
- **Keep Clean:** Ensure the memory slots in your computer are free from dust and debris. Use compressed air if necessary.
- **Environmental Conditions:** Operate your computer in a clean, dry environment with adequate ventilation to prevent overheating, which can affect all internal components, including RAM.
- **Avoid Static Electricity:** Static discharge can damage memory modules. Always take anti-static precautions when handling.

7. Troubleshooting

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

- **No Display/System Not Booting:**
 - Ensure the memory module is fully seated in its slot. Re-seat the module by removing and re-inserting it firmly until the clips snap into place.

- Verify that the module is inserted in the correct orientation, with the notch aligned.
 - If multiple modules are installed, try booting with only the new A-Tech module, or try it in a different slot.
- **System Instability/Blue Screens (BSOD):**
 - This could indicate a faulty module or incompatibility. Re-seat the module.
 - Run a memory diagnostic tool (e.g., Windows Memory Diagnostic) to check for errors.
 - Ensure your system's BIOS/UEFI is up to date, as updates can improve memory compatibility.
 - **Incorrect RAM Capacity Detected:**
 - Check your system's BIOS/UEFI settings to confirm the detected memory.
 - Ensure your operating system is 64-bit to fully utilize more than 4GB of RAM.
 - Verify that your system supports the total amount of RAM installed.
 - **System Slowdown After Upgrade:**
 - While rare, ensure the new module's speed is compatible with your system. Your system will typically run all modules at the speed of the slowest installed module.
 - Check for other system bottlenecks (e.g., slow hard drive, CPU limitations).

If issues persist, contact A-Tech customer support for further assistance.

8. Warranty and Support

A-Tech memory modules are manufactured to high-quality standards and undergo stringent testing to ensure dependable and reliable performance.



Image 8.1: A user engaged with a laptop, representing the reliability and quality assurance that A-Tech applies to its memory modules through extensive quality control testing.

This product is backed by A-Tech's Limited Lifetime Warranty. This warranty covers defects in materials and workmanship for the lifetime of the product.

For technical assistance, warranty claims, or any questions regarding your A-Tech memory module, please contact the A-Tech Tech Team. Support is available to help before and after your purchase.

For more information, please visit the official A-Tech website or refer to the contact information provided with your purchase.

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

Open the live page

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