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› [A-Tech 16GB DDR4 2666MHz ECC Unbuffered Server Memory Module \(ASH110\) for Medion Erazer P3611 D, P2A4-EM - Instruction Manual](#)

## A-Tech ASH110

# A-Tech 16GB DDR4 2666MHz ECC Unbuffered Server Memory Module (ASH110)

INSTRUCTION MANUAL FOR MEDION ERAZER P3611 D, P2A4-EM

## Introduction

This manual provides essential information and instructions for the installation and proper use of your A-Tech 16GB DDR4 2666MHz ECC Unbuffered Server Memory Module. This module is designed to enhance the performance of compatible server and workstation systems, specifically the Medion Erazer P3611 D and P2A4-EM models.

Please read these instructions carefully before proceeding with installation to ensure optimal performance and system stability.

## Product Overview

The A-Tech 16GB DDR4 2666MHz ECC Unbuffered Server Memory Module is a high-quality component designed for server and workstation environments requiring error-correcting code (ECC) memory. It operates at 2666MHz (PC4-21300) with a standard voltage of 1.2V.





Figure 1: A-Tech 16GB DDR4 ECC Unbuffered Server Memory Module in its retail packaging. The packaging clearly displays the brand, capacity, and memory type.

[Visit A-Tech QR page for more information](#)



**Figure 2:** The A-Tech 16GB DDR4 ECC Unbuffered Server Memory Module. This image shows the module itself, highlighting the green PCB and memory chips.

[Visit A-Tech official website](#)

## Compatibility

This memory module is specifically designed and tested for compatibility with the following Medion systems:

- Medion Erazer P3611 D
- Medion P2A4-EM

**Important Note:** This memory is designed for Workstation & Server Systems and is NOT compatible with standard Desktop or Laptop PCs/Computers.



**Figure 3:** Visual confirmation of memory module compatibility, emphasizing its use in workstation and server environments.

## Setup and Installation

### 1. Preparation:

- Power down your system completely and unplug all power cables.
- Ground yourself to discharge any static electricity. This can be done by touching a metal part of the computer chassis.
- Refer to your system's manual for specific instructions on opening the chassis and locating the memory slots.

2. **Locate Memory Slots:** Identify the available DDR4 DIMM slots on your motherboard. Note any existing memory modules and their configuration.

### 3. Install New Module:

- Gently push open the clips at both ends of the memory slot.
- Align the notch on the memory module with the key in the DIMM slot. The module is designed to fit in only one orientation.
- Apply even pressure to both ends of the module until it clicks into place and the clips snap shut. Do not force the module.

#### 4. **Secure and Reassemble:**

- Ensure the module is firmly seated and the clips are fully engaged.
- Close your system's chassis and reconnect all power cables.

5. **Power On:** Power on your system. The system BIOS should automatically detect the new memory.

**Note:** Always consult your system's official documentation for detailed installation procedures and specific memory seating guidelines for your Medion Erazer P3611 D or P2A4-EM model.

## Operating Instructions

Once correctly installed, the A-Tech memory module operates automatically. The system's operating system and applications will utilize the expanded memory capacity to improve multitasking capabilities and overall system responsiveness.

The ECC (Error-Correcting Code) feature of this module helps detect and correct common types of internal data corruption, enhancing data integrity and system stability, which is crucial for server and workstation environments.

## Maintenance

Memory modules generally require minimal maintenance. To ensure longevity and reliable performance:

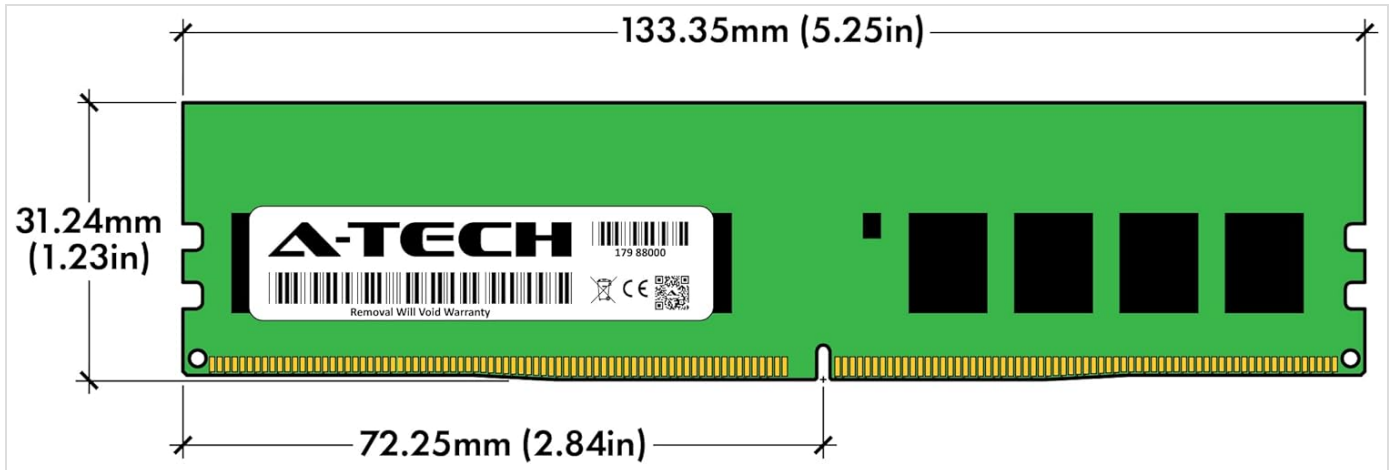
- **Handling:** Always handle the memory module by its edges to avoid touching the gold contacts or the integrated circuits.
- **Cleaning:** If necessary, gently clean the module with a soft, lint-free cloth. Avoid using liquids or abrasive materials.
- **Environment:** Ensure your system operates in a clean, dust-free environment with adequate ventilation to prevent overheating.

## Troubleshooting

Issue	Possible Cause	Solution
System does not boot or displays error codes.	Memory module not seated correctly. Incompatible memory.	Ensure the module is fully seated in the DIMM slot with clips locked. Verify compatibility with your system model (Medion Erazer P3611 D, P2A4-EM). Try reseating the module.
System recognizes incorrect amount of RAM.	Module not fully detected or BIOS settings.	Check module seating. Update system BIOS to the latest version. Consult your system's manual for memory configuration settings.

Issue	Possible Cause	Solution
System instability or crashes after installation.	Faulty module or compatibility issue.	Run memory diagnostic tools (e.g., MemTest86). If multiple modules are installed, test them individually. Contact A-Tech support if issues persist.

## Specifications



**Figure 4:** Dimensional specifications of the A-Tech DDR4 ECC Unbuffered Server Memory Module.

[Visit A-Tech official website for detailed product information](#)

Feature	Detail
Brand	A-Tech
Model Number	ASH110
Capacity	16 GB
Memory Type	DDR4 ECC Unbuffered DIMM
Speed	2666 MHz (PC4-21300 / PC4-2666)
Pin Count	288-Pin
Rank	2Rx8
Voltage	1.2V
Compatible Devices	Medion Erazer P3611 D, P2A4-EM (Workstation & Server Systems)
Product Dimensions (LxWxH)	5.25 x 1.18 x 0.15 inches (133.35 x 30 x 3.8 mm approx.)

## Warranty and Support

A-Tech memory modules are backed by a **Limited Lifetime Warranty**, ensuring long-term reliability and peace of mind. For any technical assistance, installation queries, or troubleshooting, A-Tech's knowledgeable Tech Team is available to provide support.

Please visit the official A-Tech website or refer to your product packaging for contact information and detailed warranty terms.



Figure 5: A-Tech's commitment to quality and reliability through extensive testing.

