

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [A-Tech](#) /

› [A-Tech 2GB KIT \(2 x 1GB\) DDR NON-ECC PC2700 333MHz RAM Memory User Manual for HP-Compaq HP Pavilion Desktop](#)

A-Tech AM062435

A-Tech 2GB KIT (2 x 1GB) DDR NON-ECC PC2700 333MHz RAM Memory User Manual

Model: AM062435

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your A-Tech 2GB KIT (2 x 1GB) DDR NON-ECC PC2700 333MHz RAM Memory. Memory (RAM) provides temporary storage for data, enabling your computer to access information quickly. Upgrading RAM can enhance system performance, especially when running multiple applications or performing resource-intensive tasks like video editing or gaming, by expanding the system's capacity to handle more data simultaneously.



Image 1: A-Tech 2GB KIT (2 x 1GB) DDR DIMM RAM Modules. This kit includes two individual 1GB DDR memory sticks, designed for desktop computers.

2. COMPATIBILITY

This A-Tech 2GB KIT (2 x 1GB) DDR NON-ECC PC2700 333MHz RAM Memory is specifically designed for use with various HP-Compaq HP Pavilion Desktop models. It is crucial to verify your system's memory requirements to ensure compatibility. This product may not function correctly if used with systems not listed below or with different memory specifications.

Compatible HP-Compaq HP Pavilion Desktop Models:

- A505cn, A505m, A506CL, A508d, A509.dk, A509.uk

- A510.cl, A510.dk, A510.it, A510.uk, A510cl, A510e, A510m, A510n
- A518d, A520.it, A520d, A520n, A522n, A525cn
- A530.fr, A530e, A530n, A532x, A532x-b, A540, A540.fr, A545c
- A562.de, A572.de, A600n, A600y, A602n, A605m, A606cl
- A608, A608.uk, A609, A609.ck, A609.dk, A609.fi, A609.fr, A609.no, A609.uk, A609fi
- A610, A610.fr, A610.pt

Consult your system's manual or the manufacturer's website to confirm supported RAM specifications before installation.

3. SAFETY INFORMATION

WARNING: This product is designed for specific HP-Compaq HP Pavilion Desktop models as listed in the compatibility section. Using it with incompatible systems may result in malfunction, system instability, or damage to your computer components. Always verify system compatibility before attempting installation.

When handling memory modules, always take precautions against electrostatic discharge (ESD). ESD can damage electronic components. Touch a grounded metal object (like an unpainted part of your computer case) before handling the modules to discharge any static electricity from your body.

4. SETUP AND INSTALLATION

Follow these steps carefully to install your A-Tech RAM modules. Refer to your computer's specific manual for detailed instructions on opening the case and accessing memory slots.

4.1. Pre-Installation Checks

1. **Power Off:** Ensure your computer is completely powered off and unplugged from the wall outlet.
2. **Discharge Static:** Touch a grounded metal object to discharge any static electricity from your body.
3. **Open Case:** Open your computer case according to its manufacturer's instructions.
4. **Locate Slots:** Identify the existing RAM slots on the motherboard.

4.2. Installation Steps

1. **Remove Old Modules (if applicable):** If replacing existing modules, gently push the clips on both ends of the RAM slot outwards to release the old module. Remove it carefully.
2. **Align Module:** Align the notch on the new A-Tech DDR DIMM module with the key in the RAM slot. Ensure the correct orientation.
3. **Insert Module:** Insert the module firmly into the slot, applying even pressure to both ends until the clips snap into place, securing the module. Do not force the module; if it doesn't fit, recheck the alignment.
4. **Install Second Module:** Repeat steps 2 and 3 for the second 1GB module if installing both.

4.3. Post-Installation

1. **Close Case:** Carefully close your computer case.
2. **Reconnect:** Reconnect all power cables and peripherals.
3. **Power On:** Power on your computer. The system should automatically detect the new memory.

5. OPERATING

Once installed, the A-Tech RAM modules operate automatically as an integral part of your computer's memory

system. No specific user interaction or software configuration is required for their basic function.

To verify successful installation and detection of the new memory, you can check your operating system's system information. For example:

- **Windows:** Right-click on 'This PC' or 'My Computer', select 'Properties', and look for 'Installed RAM' or 'Memory'.
- **macOS:** Click the Apple menu, select 'About This Mac', and check the 'Memory' section.
- **Linux:** Use commands like `free -h` or `cat /proc/meminfo` in the terminal.

The reported total installed RAM should match the expected amount (e.g., 2GB).

6. MAINTENANCE

RAM modules generally require minimal maintenance. To ensure their longevity and optimal performance:

- **Keep System Clean:** Regularly clean the interior of your computer to prevent dust buildup, which can hinder airflow and lead to overheating of components, including RAM.
- **Avoid Physical Contact:** When handling, avoid touching the gold connectors on the modules to prevent corrosion or damage from skin oils.
- **Stable Environment:** Operate your computer in a stable environment, avoiding extreme temperatures or humidity.

7. TROUBLESHOOTING

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

7.1. System Not Booting or Beeping

If your computer does not boot or emits a series of beeps after RAM installation, it often indicates an issue with memory detection. This could be due to improper seating or incompatibility.

- **Re-seat Modules:** Power off and unplug your computer. Open the case and carefully re-seat both RAM modules, ensuring they are fully inserted and the clips on both ends are securely closed.
- **Test Individually:** If the issue persists, try installing one module at a time in different slots to identify if a specific module or slot is faulty.

7.2. Incorrect RAM Detection

If your operating system reports less RAM than installed, or an incorrect speed, verify the following:

- **Compatibility:** Double-check that the modules are fully compatible with your motherboard and CPU. Refer to your motherboard's manual for specific slot configurations or limitations.
- **BIOS/UEFI Update:** Ensure your system's BIOS/UEFI firmware is up to date. Older firmware versions might not fully support newer memory modules, even if they are technically compatible.

7.3. System Instability or Crashes

Intermittent system crashes, blue screens (Windows), or unexpected reboots might suggest a memory issue.

- **Memory Diagnostic Tools:** Run a memory diagnostic tool (e.g., Windows Memory Diagnostic) to check for errors.
- **Re-seat Modules:** As with booting issues, re-seating the modules can resolve loose connections.

8. SPECIFICATIONS

Below are the key specifications for the A-Tech 2GB KIT (2 x 1GB) DDR NON-ECC PC2700 333MHz RAM Memory:

Feature	Specification
Brand	A-Tech
Model Number	AM062435
RAM Capacity	2 GB (2 x 1GB Modules)
Memory Type	DDR SDRAM (DIMM)
Speed	PC2700 (333MHz)
Error Correction	NON-ECC
Form Factor	DIMM (Desktop Memory)
Item Weight	1.8 ounces
Product Dimensions	6.7 x 3.6 x 0.4 inches



**Accelerate
System Speeds**



**Take on Greater
Workloads**



**Designed for High
Quality Performance**

Image 2: Illustration showing the size difference between DIMM (Desktop) and SODIMM (Laptop) memory modules. This product is a DIMM module.

9. WARRANTY AND SUPPORT

A-Tech provides a **Lifetime Warranty** for this memory kit, ensuring long-term reliability and customer satisfaction. This warranty covers defects in materials and workmanship for the life of the product.

For warranty claims, technical assistance, or any product-related inquiries, please contact A-Tech Components directly. You can find more information and support resources on their official website:

[Visit A-Tech Memory Official Website](#)