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> [MSI B350M BAZOOKA Motherboard User Manual](#)

## msi B350M BAZOOKA

# MSI B350M BAZOOKA Motherboard User Manual

Model: B350M BAZOOKA

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of the MSI B350M BAZOOKA micro-ATX motherboard. Designed for AMD Ryzen series processors and 7th Gen A-series/Athlon Processors, this motherboard supports DDR4 memory and offers features for an optimized computing experience. Please read this manual thoroughly before proceeding with installation.

## 2. PRODUCT OVERVIEW

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### 2.1 Key Features

- Supports AMD Ryzen 1st and 2nd Generation/ Ryzen with Radeon Vega Graphics Processors and AMD A-series / Athlon Processors for Socket AM4.
- DDR4 Memory Support: Up to 64GB across 4 DIMM slots, supporting speeds from 1866MHz up to 3200MHz (OC).
- Dual Channel Memory Architecture.
- Supports ECC UDIMM memory (non-ECC mode) and non-ECC UDIMM memory.
- Equipped with AMD B350 Chipset.
- VR Ready for an enhanced virtual reality gaming experience.
- Multiple USB 2.0 and USB 3.0 ports for peripheral connectivity.
- HDMI output for integrated graphics (requires compatible APU).

### 2.2 What's in the Box

Upon opening the product packaging, verify that all components are present:

- MSI B350M BAZOOKA Motherboard
- Cables and Connectors (e.g., SATA cables, I/O Shield)
- Quick Setup Guide / User Manual (a digital version is available online)

### 2.3 Product Visuals



Figure 2.3.1: The MSI B350M BAZOOKA motherboard alongside its retail packaging, showcasing the product's branding and design.

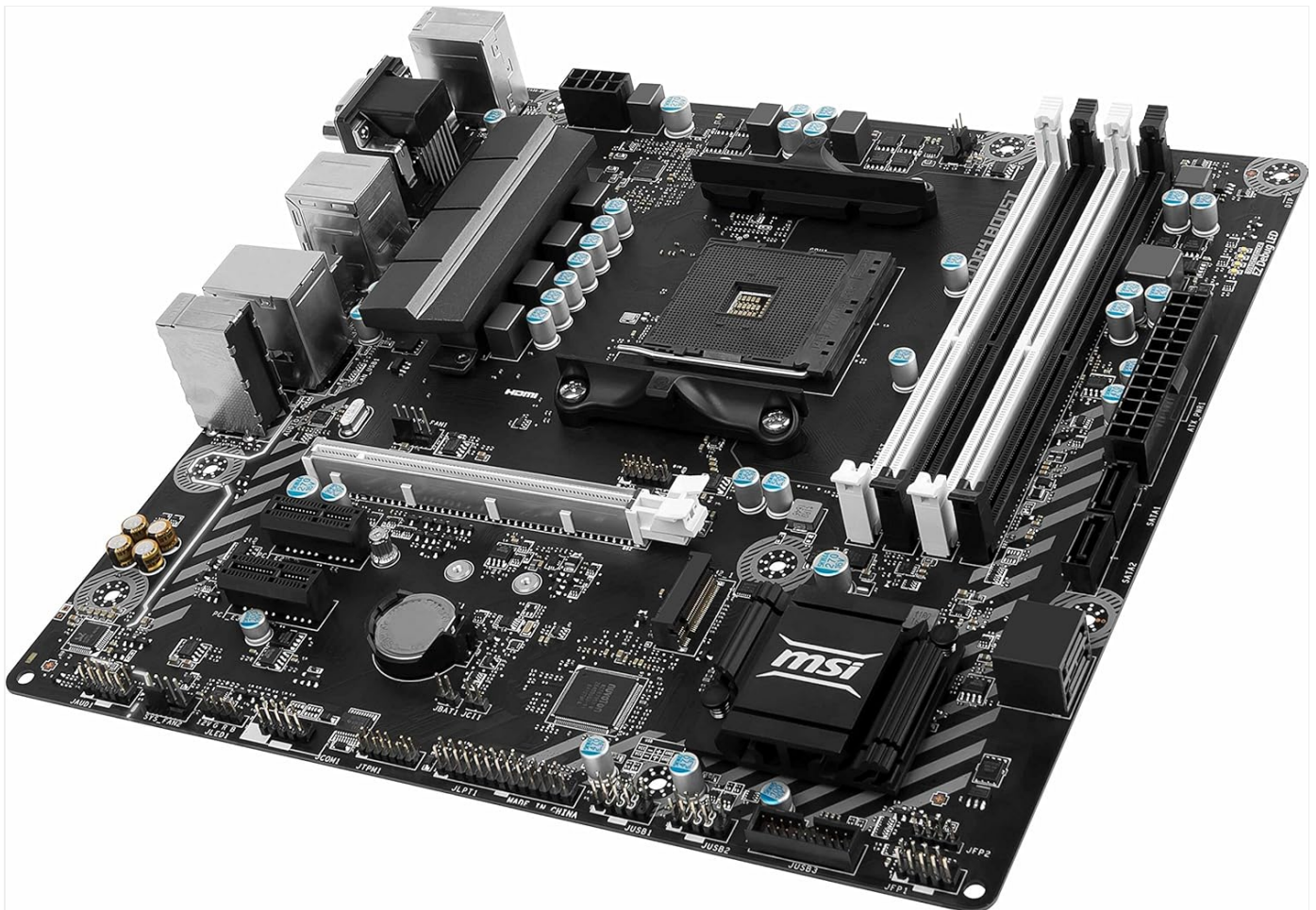


Figure 2.3.2: An angled perspective of the MSI B350M BAZOOKA motherboard, highlighting the CPU socket, RAM slots, and various expansion slots.

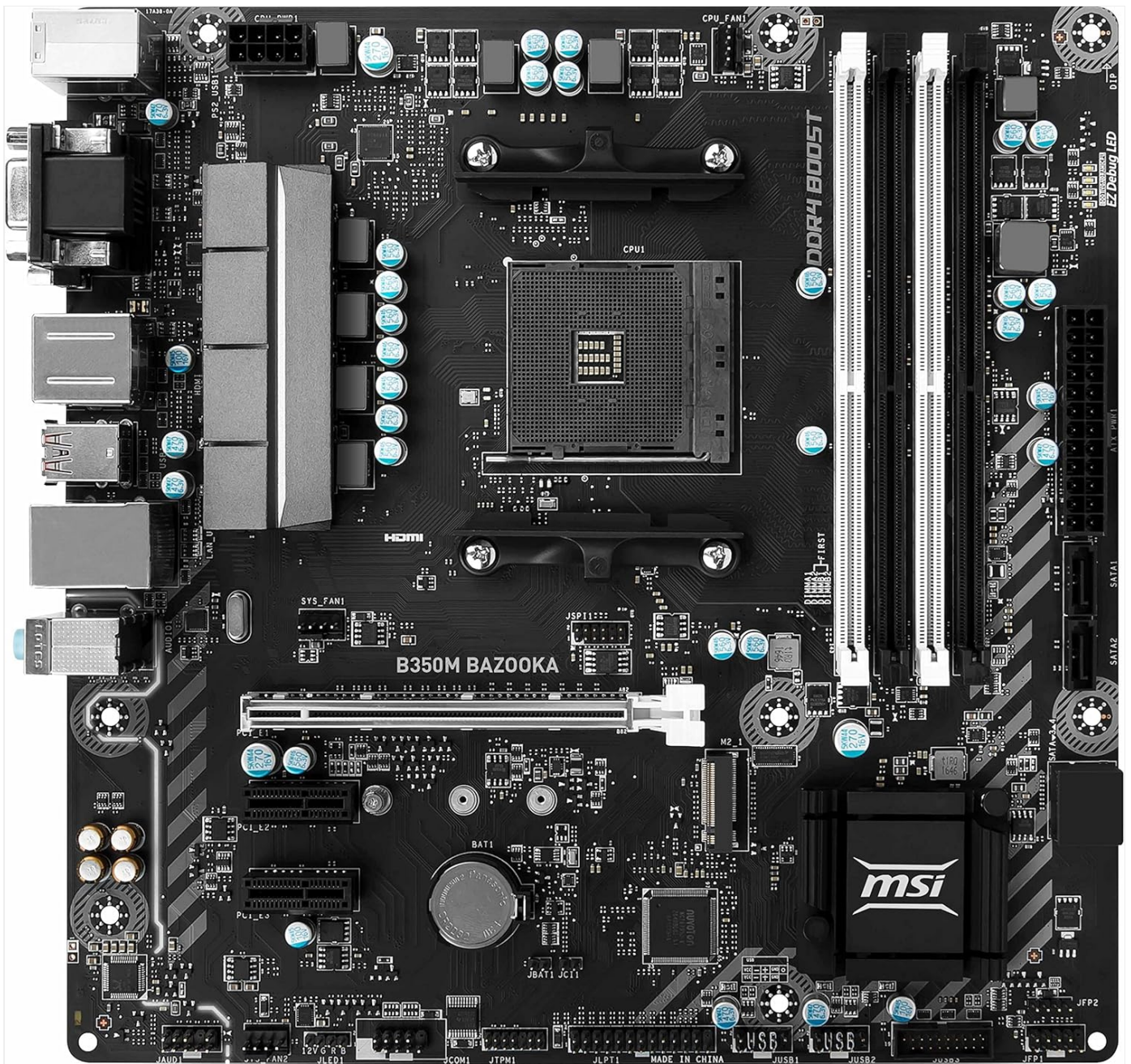


Figure 2.3.3: A direct top-down view of the MSI B350M BAZOOKA motherboard, providing a clear layout of all components and connectors.



Figure 2.3.4: A side view of the MSI B350M BAZOOKA motherboard, emphasizing the rear I/O panel and its various connectivity options.



Figure 2.3.5: A detailed close-up of the MSI B350M BAZOOKA motherboard's rear I/O ports, including USB, HDMI, DVI, PS/2, and audio jacks.

## 3. SETUP AND INSTALLATION

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Before beginning installation, ensure your workspace is clean, well-lit, and static-free. It is recommended to use an anti-static wrist strap.

### 3.1 Component Installation Order

1. **CPU Installation:** Carefully align the AMD Ryzen processor with the AM4 socket on the motherboard. Ensure the triangle on the CPU matches the triangle on the socket. Lower the CPU gently into the socket and secure it with the retention lever.
2. **CPU Cooler Installation:** Install the appropriate CPU cooler according to its manufacturer's instructions. Apply thermal paste if not pre-applied.
3. **RAM Installation:** Open the clips on the DDR4 DIMM slots. Align the memory modules with the key notch in the slot and press firmly until the clips snap into place. For dual-channel operation, refer to the motherboard manual for specific slot pairing.
4. **Motherboard Mounting:** Install the I/O shield into your PC case. Carefully place the motherboard into the case, aligning it with the standoffs. Secure the motherboard with screws.
5. **Graphics Card (GPU) Installation:** Insert your graphics card into the primary PCIe x16 slot. Ensure it is fully seated and secure it with the case's retention mechanism.
6. **Storage Device Installation:** Connect SATA data cables from your storage drives (HDDs/SSDs) to the SATA ports on the motherboard. Connect power cables from your power supply to the drives.
7. **Power Supply Connections:** Connect the 24-pin ATX power connector and the 8-pin (or 4-pin) CPU power connector from your power supply to the corresponding ports on the motherboard. Connect power to the graphics card if required.
8. **Front Panel Connections:** Connect the front panel headers (power button, reset button, USB ports, audio jacks, LED indicators) from your PC case to the corresponding pins on the motherboard. Refer to the motherboard's detailed manual for pinout diagrams.

### 3.2 Peripheral Connections

- **USB Ports:** Connect USB devices such as keyboards, mice, and external drives to the available USB 2.0 and USB 3.0 ports on the rear I/O panel or via internal headers.
- **Video Output:** If using an AMD APU with integrated graphics, connect your monitor to the HDMI or DVI port on the rear I/O panel. If using a dedicated graphics card, connect your monitor to the graphics card's output ports.
- **Audio Jacks:** Connect speakers or headphones to the audio output jacks on the rear I/O panel.
- **Network (LAN):** Connect an Ethernet cable to the RJ45 LAN port for wired network access.

## 4. OPERATING INSTRUCTIONS

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## 4.1 First Boot and BIOS/UEFI Setup

1. After assembling all components, connect your monitor, keyboard, and mouse.
2. Power on your system. During the initial boot sequence, repeatedly press the **DEL** key (or F2, depending on system configuration) to enter the BIOS/UEFI setup utility.
3. In the BIOS/UEFI, you can configure boot order, system time, enable/disable integrated peripherals, and adjust performance settings.
4. Save changes and exit the BIOS/UEFI. The system will restart.

## 4.2 Operating System and Driver Installation

- Insert your operating system installation media (USB drive or DVD).
- Follow the on-screen prompts to install your preferred operating system.
- After OS installation, install the necessary drivers for the motherboard chipset, audio, LAN, and any other integrated components. These drivers are typically found on the MSI support website for your specific motherboard model.

## 5. MAINTENANCE

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- **Dust Removal:** Regularly clean dust from the motherboard and components using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **BIOS/UEFI Updates:** Periodically check the MSI support website for updated BIOS/UEFI versions. Updates can improve stability, compatibility, and performance. Follow MSI's specific instructions for BIOS flashing carefully to avoid system damage.
- **Driver Updates:** Keep your system drivers updated to ensure optimal performance and compatibility with new software and hardware.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter. For more detailed troubleshooting, refer to the comprehensive user manual available on the MSI website.

- **No Power/No Boot:**
  - Verify all power cables (24-pin ATX, 8-pin CPU, GPU power) are securely connected.
  - Ensure the power supply is switched on and connected to a working power outlet.
  - Check front panel power button connection to the motherboard.
- **No Display:**
  - Ensure the monitor is connected to the correct video output (dedicated GPU or motherboard's integrated graphics).
  - Reseat the graphics card and RAM modules.
  - Test with a different monitor or video cable if possible.
- **System Instability/Crashes:**
  - Check CPU and GPU temperatures. Ensure adequate cooling.
  - Verify RAM modules are properly seated and compatible.
  - Run memory diagnostic tools.
  - Ensure all drivers are correctly installed and up to date.
- **Component Not Detected:**

- Reseat the component (e.g., M.2 SSD, SATA drive, PCIe card).
- Check cable connections.
- Verify component compatibility with the motherboard.
- Check BIOS/UEFI settings to ensure the port/slot is enabled.

## 7. SPECIFICATIONS

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Feature	Specification
Brand	MSI
Series	B350M BAZOOKA
Model Number	B350M BAZOOKA
CPU Socket	Socket AM4
Compatible Processors	AMD Ryzen 1st/2nd Gen, Ryzen with Radeon Vega Graphics, AMD A-series, AMD Athlon
Chipset Type	AMD B350
RAM Memory Technology	DDR4
Memory Slots	4 x DDR4 DIMM slots
Memory Speed	1866/ 2133/ 2400/ 2667(OC)/ 2933(OC)/ 3200(OC)+ MHz
RAM Memory Maximum Size	64 GB
Number of USB 2.0 Ports	4 (rear I/O)
Product Dimensions (LxWxH)	11.02 x 10.71 x 2.56 inches
Item Weight	2 pounds
Manufacturer	MSI Computer
Date First Available	March 15, 2017

## 8. WARRANTY AND SUPPORT

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For detailed warranty information, please refer to the warranty card included with your product or visit the official MSI website. MSI provides technical support and resources for its products.

- **Official User Manual (PDF):** For a comprehensive guide, download the official user manual from the MSI support page or directly via this link: [MSI B350M BAZOOKA User Manual PDF](#)
- **MSI Support Website:** Visit the official MSI website for driver downloads, BIOS updates, FAQs, and contact information for technical assistance.



