Verilux AZBM2-0GUDB5L

Verilux M.2 NVME SATA SSD Enclosure Instruction Manual

Model: AZBM2-0GUDB5L

1. Product Overview

The Verilux M.2 NVME SATA SSD Enclosure is designed for external storage solutions, supporting both NVMe M-Key M.2 SSDs (10Gbps) and SATA NGFF B+M Key M.2 SSDs (6Gbps). It accommodates SSD sizes 2230, 2242, 2260, and 2280, with capacities up to 2TB. Featuring a tool-free design and an aluminum alloy shell for efficient heat dissipation, this enclosure provides high-speed data transfer and broad compatibility with various devices and operating systems.

2. What's in the Box

- Verilux M.2 NVME SATA SSD Enclosure
- USB-C to USB-C Cable
- USB-C to USB-A Cable
- Instruction Manual
- SSD Fasteners (rubber stoppers)

Video: Unboxing and initial assembly of the Verilux M.2 SSD Enclosure, demonstrating the included components and the tool-free design.

3. Setup and Installation

Follow these steps to install your M.2 SSD into the enclosure:

1. **Open the Enclosure:** Press the button on both sides of the enclosure and gently pull out the internal tray.
2. **Insert the M.2 SSD:** Carefully align your M.2 SSD (NVMe M-Key or SATA B+M Key) with the slot on the internal tray and insert it firmly. Ensure the SSD is compatible with the enclosure (supports 2230, 2242, 2260, 2280 sizes).
3. **Secure the SSD:** Use the provided rubber fastener to secure the SSD in place. For 2280 SSDs, the fastener can be inserted directly.
4. **Close the Enclosure:** Slide the internal tray back into the aluminum alloy shell until it clicks securely into place.

Tool-free Installation

① Press the button on both side and pull out the base from the SSD Enclosure.

② Install M.2 SSD in the base.

③ Support 4 sizes of the M.2 SSD with fastener(2280 SSD can be insert directly)

④ Easy to pull back the base into the SSD Enclosure.

Image: Tool-free installation guide for the M.2 SSD enclosure, illustrating how to open, insert, secure, and close the device.

Image: Compatibility chart for M.2 NVMe and SATA PCIe SSDs, indicating which key types are supported by the enclosure.

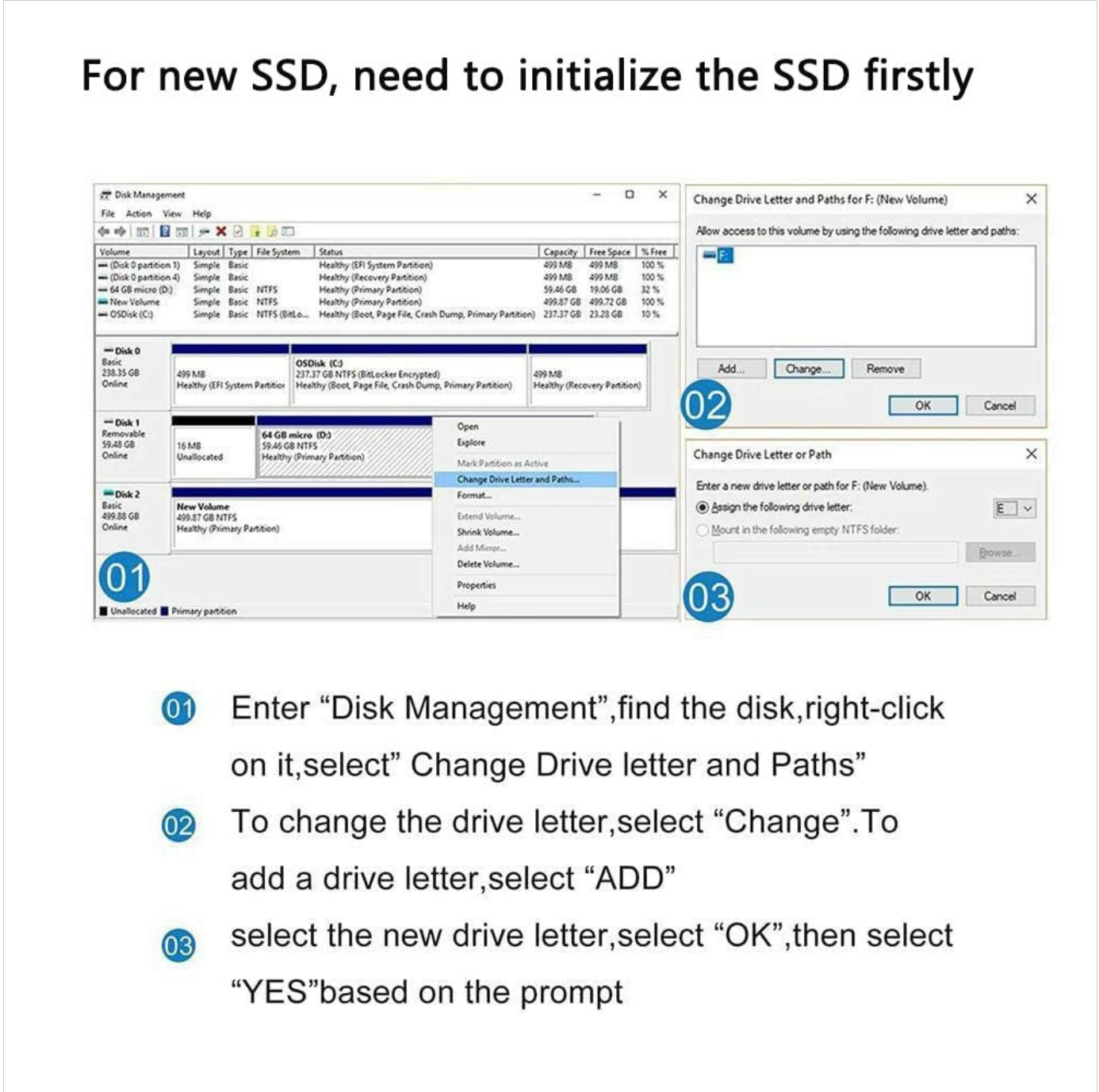

Image: Detailed view of the enclosure's internal structure, highlighting support for various M.2 SSD lengths (2230, 2242, 2260, 2280).

4. Operating Instructions

After installing your SSD, connect the enclosure to your device using the provided USB-C to USB-C or USB-C to USB-A cable. The enclosure supports a wide range of operating systems.

4.1. Initializing a New SSD

IMPORTANT: A brand new SSD must be initialized and formatted before it can be detected and used by your computer. This is a standard procedure for all new storage devices and is not an issue with the enclosure itself.

Image: Guide for initializing a new SSD in Windows, detailing the steps within Disk Management to make the drive usable.

Video: A comprehensive guide on how to format and partition a hard disk in Windows, macOS, and Linux systems, essential for new SSDs.

4.2. Connecting to Devices

Connect the enclosure to your computer, smartphone (with OTG function), laptop (with Thunderbolt 3 port), smart TV, smart router, PS4, or other compatible devices. The enclosure offers high-speed data transfer:

- Up to 10 Gbps for NVMe SSDs (USB 3.1 Gen 2)
- Up to 6 Gbps for SATA SSDs

Image: The enclosure connected to a laptop, highlighting its 10 Gbps (NVMe) and 6 Gbps (SATA) transfer speeds.

Image: Performance test results demonstrating extreme speed transmission, with read/write speeds up to 900MB/s.

4.3. Operating System Compatibility

The enclosure is widely compatible with multiple operating systems, offering plug-and-play functionality without external drivers.

- Windows 7 / 8 / 10 / 11
- Linux
- Mac OS
- Android (with OTG function)

Image: Illustration of the enclosure's wide compatibility across Windows, Linux, Mac, and Android platforms.

5. Maintenance

To ensure the longevity and optimal performance of your Verilux SSD Enclosure:

- Keep the enclosure clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures or humidity.
- Handle the enclosure with care to prevent physical damage.
- The aluminum alloy shell is designed for efficient heat dissipation. Ensure adequate airflow around the device during prolonged use.

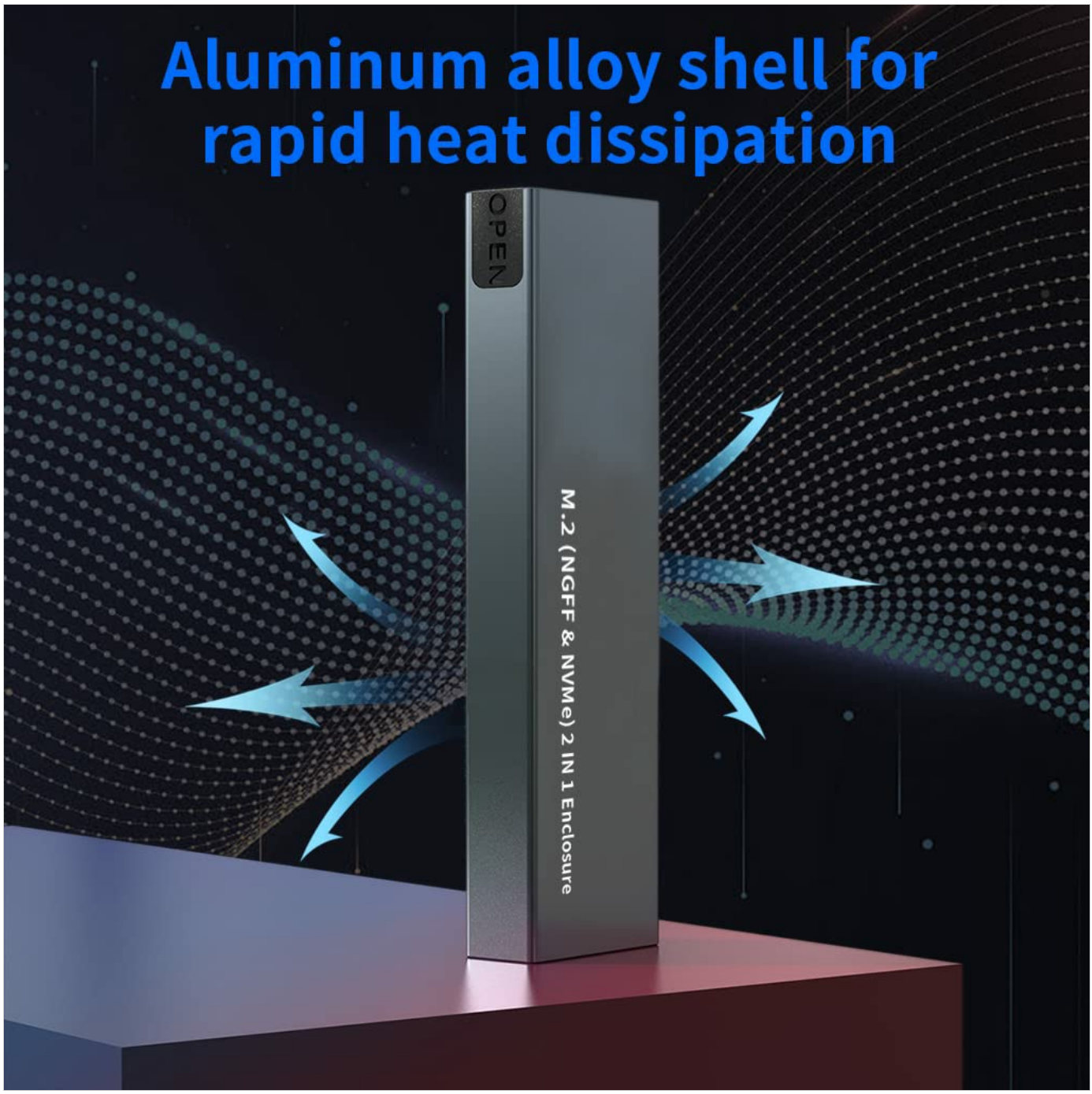

Image: Visual representation of the aluminum alloy shell's rapid heat dissipation capabilities, crucial for maintaining SSD performance.

6. Troubleshooting

- **SSD Not Detected:**
  a. Ensure the SSD is properly seated in the enclosure.
  b. For new SSDs, it is essential to initialize and format the disk through your operating system's Disk Management utility (refer to Section 4.1).
  c. Verify that the connected cable is functioning correctly and securely plugged into both the enclosure and your device.
- **Slow Transfer Speeds:**
  a. Confirm that your device's USB port supports USB 3.1 Gen 2 (10Gbps) for optimal performance. Older USB 2.0 or 3.0 ports will result in lower speeds.
  b. Ensure you are using the provided high-speed USB-C cables.
  c. Check if your SSD is NVMe or SATA; NVMe SSDs offer higher speeds than SATA SSDs.
- **Enclosure Overheating:**
  a. While the aluminum shell is designed for heat dissipation, prolonged heavy use can generate heat. Ensure the

enclosure is in a well-ventilated area.

b. If using a high-performance NVMe SSD, some heat is normal during intensive operations.

- **Compatibility Issues:**

a. Double-check that your M.2 SSD is either M-Key (NVMe) or B+M Key (SATA NGFF). The enclosure does not support B-Key only SSDs.

b. For smartphone connections, ensure your phone supports the OTG (On-The-Go) function.

7. Specifications

Brand	Verilux
Model Number	AZBM2-0GUDB5L
Memory Storage Capacity	Up to 2 TB
Compatible Devices	Desktop, Gaming, Laptop, PlayStation, Television, Smartphones (with OTG)
Data Transfer Rate	10 Gigabits Per Second (NVMe), 6 Gigabits Per Second (SATA)
Product Dimensions (LxWxH)	16.7 x 7.2 x 1.9 cm
Item Weight	84.8 Grams
Hardware Interface	USB Type C, Thunderbolt
Hardware Platform	Linux, Windows, Mac OS, Android
Material	Aluminium

8. Warranty and Support

Verilux products are designed for reliability and performance. For warranty information, technical support, or any product-related inquiries, please refer to the contact details provided with your purchase or visit the official Verilux website. Keep your proof of purchase for warranty claims.

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