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JEYI I9-Seal

JEYI I9-Seal M.2 NVMe SSD Enclosure User Manual

Model: I9-Seal

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your JEYI I9-Seal M.2 NVMe SSD Enclosure. This device converts an NVMe M.2 solid-state drive into a portable external storage solution with high-speed USB 3.2 Gen 2 connectivity.

Package Contents

Please verify that all items listed below are included in your package:

- JEYI M.2 NVMe SSD Enclosure
- Thermal Pads
- Screwdriver
- USB-A to USB-C Cable (10Gbps)
- USB-C to USB-C Cable (10Gbps)
- Lanyard

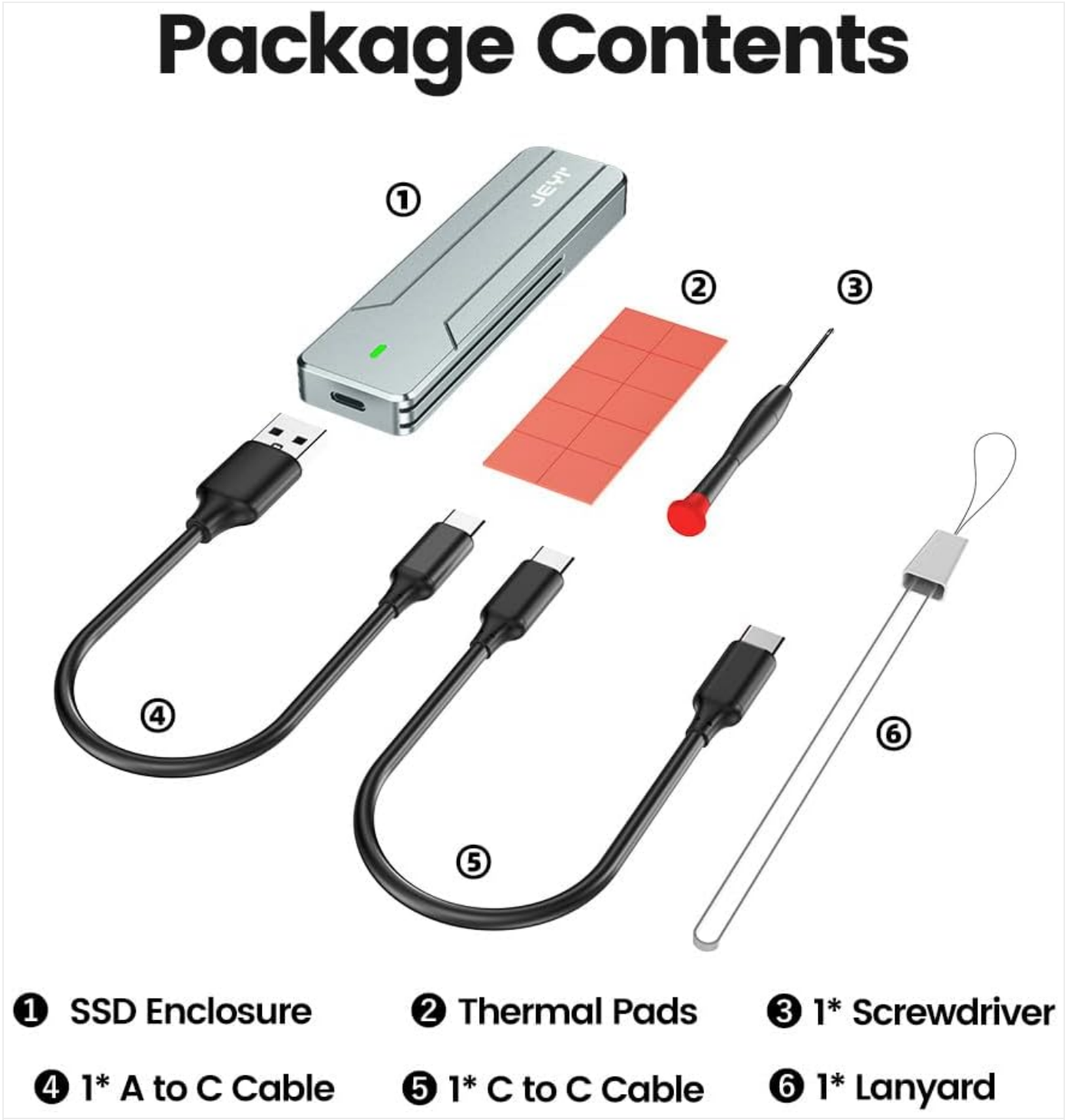

Image: Contents of the JEYI I9-Seal M.2 NVMe SSD Enclosure package, showing the enclosure, two cables, thermal pads, a screwdriver, and a lanyard.

Setup Instructions

Follow these steps to install your NVMe M.2 SSD into the JEYI I9-Seal enclosure:

1. **Prepare the Enclosure:** Gently slide open the enclosure to reveal the internal PCB.
2. **Apply Thermal Pad:** Peel off the protective films from both sides of a thermal pad and carefully place it onto the NVMe SSD chip area. This aids in heat dissipation.
3. **Insert NVMe SSD:** Align your NVMe M.2 SSD (2280 form factor only) with the M-Key slot on the PCB. Insert the SSD firmly but gently into the slot at an angle.
4. **Secure the SSD:** Once inserted, gently push down the SSD and secure it with the provided screw using the included screwdriver. Ensure the SSD is flat and securely fastened.

5. **Close the Enclosure:** Carefully slide the enclosure cover back into place until it clicks securely.

Image: An exploded diagram illustrating the internal structure of the enclosure, including the aluminum alloy case, heat dissipation shell, thermal pad, and screw, demonstrating how to assemble the SSD within the enclosure.

Image: A visual guide indicating that the enclosure is compatible exclusively with M.2 2280 NVMe SSDs, with other sizes (2230, 2242, 2260) marked as incompatible.

Operating Instructions

Once your NVMe SSD is securely installed, connect the enclosure to your device:

1. **Connect to Device:** Use either the provided USB-C to USB-C cable or the USB-A to USB-C cable to connect the enclosure to a compatible USB port on your computer, smartphone, tablet, or game console.
2. **Power Indicator:** A small LED indicator on the enclosure will illuminate, signifying that the device is powered on and connected.
3. **Disk Recognition:** Your operating system (Windows, macOS, Linux, Android, iOS) should automatically detect the new storage device. If it's a new SSD, you may need to initialize and format it through Disk Management (Windows) or Disk Utility (macOS) before use.
4. **Data Transfer:** You can now perform data backup, file transfers, disk upgrades, data recovery, or use it for storage expansion. The enclosure supports USB 3.2 Gen 2 speeds up to 10Gbps.

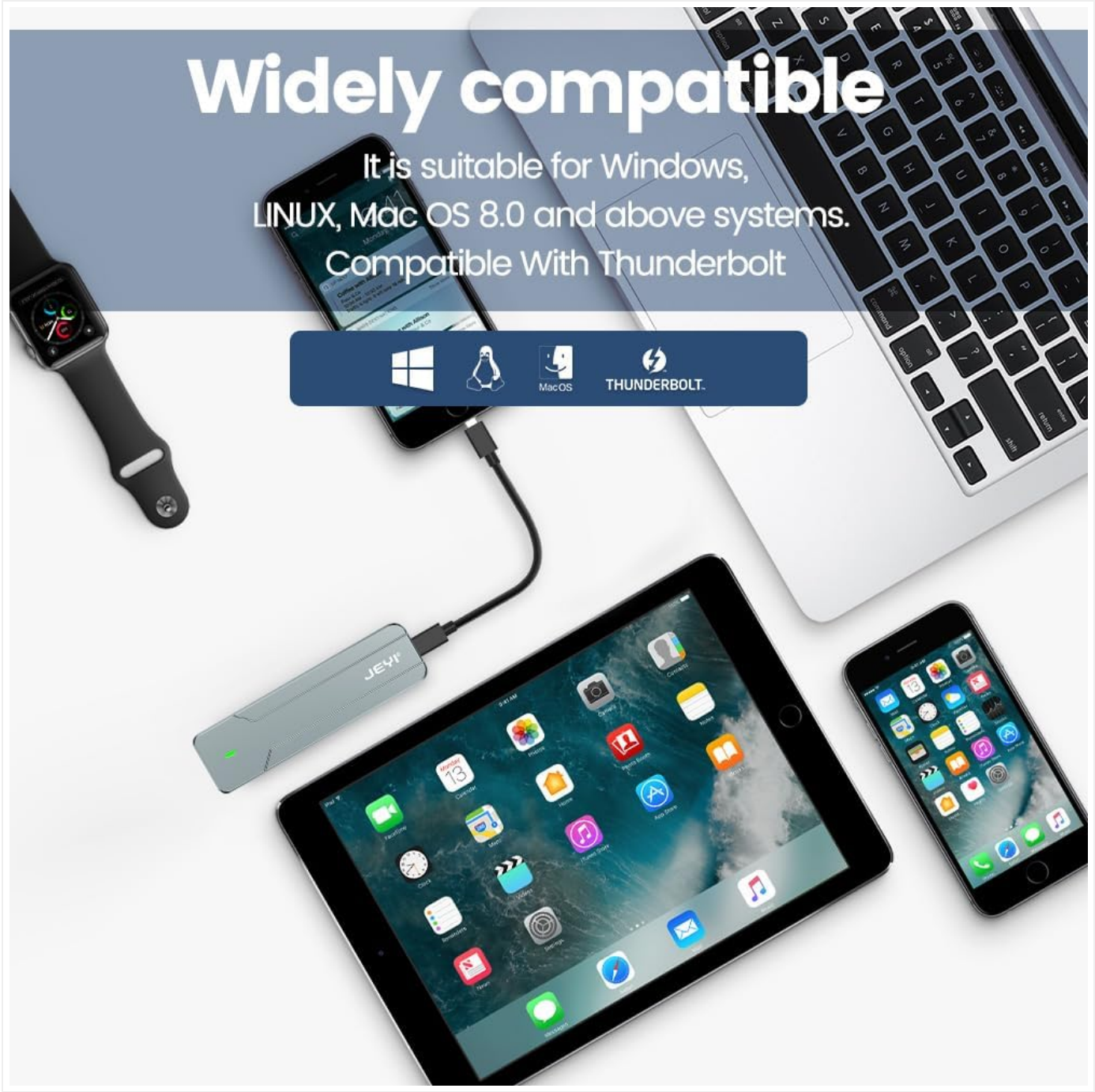

Image: The JEYI I9-Seal enclosure connected to a laptop, smartphone, and tablet, demonstrating its wide compatibility with Windows, Linux, and Mac OS 8.0 and above systems, including Thunderbolt compatibility.

Image: A graphic illustrating data transfer speeds, showing USB 2.0 at 480Mbps, USB 3.0 (USB 3.2 Gen 1) at 5Gbps, and USB 3.1 (USB 3.2 Gen 2) at 10Gbps, emphasizing the enclosure's high-speed capability for NVMe drives.

Maintenance

To ensure optimal performance and longevity of your JEYI I9-Seal enclosure:

- **Heat Management:** The aluminum casing and thermal pads are designed for efficient heat dissipation. During prolonged high-speed data transfers, the enclosure may become warm to the touch. This is normal and indicates effective heat transfer from the SSD.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid using liquid cleaners or solvents.
- **Storage:** When not in use, store the enclosure in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle the USB cables carefully. Avoid sharp bends or excessive pulling to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
Enclosure not detected by computer.	Loose cable connection. SSD not properly installed. SSD not initialized/formatted. Faulty USB port or cable.	Ensure cables are securely connected. Re-open enclosure and verify SSD is seated correctly and screwed in. Check Disk Management (Windows) or Disk Utility (macOS) to initialize and format the SSD. Try a different USB port or cable.
Slow data transfer speeds.	Connected to a slower USB port (e.g., USB 2.0). Thermal throttling due to high temperature. SSD performance limitations.	Connect to a USB 3.2 Gen 2 (10Gbps) compatible port. Ensure thermal pads are correctly installed. Allow the enclosure to cool if it becomes excessively hot. Verify your NVMe SSD's rated speed.
Enclosure gets very hot.	Normal operation during heavy data transfer. Ineffective thermal pad contact.	This is expected as the aluminum casing dissipates heat. Ensure thermal pads are correctly positioned and making good contact with the SSD and enclosure.

Specifications

Feature	Detail
Model	I9-Seal
Brand	JEYI
Hardware Interface	USB 3.2 Gen 2 (USB-C)
Data Transfer Rate	Up to 10 Gbps
Compatible SSD Type	NVMe M.2 (PCI-E M-Key)
Supported SSD Form Factor	2280 (80mm) only
Max Storage Capacity	4 TB
Chipset	JMS583 A3
Features	UASP Support, TRIM Support, Win to Go (WTG) Support
Material	Aluminum Alloy
Color	Silver
Product Dimensions	4.06 x 1.02 x 0.39 inches (103 x 26 x 10 mm)
Item Weight	0.317 ounces (9 grams)
Compatible Operating Systems	Windows, macOS, Linux, iOS, Android

Image: A detailed illustration of the JMS583 A3 master chip, which is integrated into the enclosure for stable and high-speed data transmission up to 10Gbps.

Warranty and Support

For warranty information or technical support, please refer to the official JEYI website or contact their customer service directly. Details regarding specific warranty periods and support channels are typically provided with your purchase documentation or on the manufacturer's website.

Manufacturer: JEYI

Website: Visit the JEYI Store on Amazon

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Related Documents - I9-Seal

	JEYI JMS583 NVMe SSD Enclosure: USB-C 10Gbps M.2 NVMe Enclosure User Manual Comprehensive user manual for the JEYI JMS583 NVMe Only SSD Enclosure, detailing specifications, system requirements, hardware installation, troubleshooting, and FAQ for the USB 3.2 Gen 2 10Gbps M.2 NVMe SSD enclosure.
	Alienware m15 R2 Alienware m15 R2
	GEEKOM Mini IT13-i9 User Manual and Technical Specifications Official user manual for the GEEKOM Mini IT13-i9 Mini PC, detailing package contents, technical specifications for Bluetooth and Wi-Fi, warranty information, and disposal guidelines.
	Advantech AFE-R770: Intel 12th-14th Gen Core i3/i5/i7/i9 AMR Control System Datasheet Detailed specifications and features of the Advantech AFE-R770, an industrial AMR control system powered by Intel 12th, 13th, and 14th Gen Core i3, i5, i7, and i9 processors. Includes I/O details, dimensions, and ordering information.
	Bosch Gas Hob User Manual and Safety Guide Comprehensive user manual for Bosch gas hobs, covering safety instructions, appliance description, usage, cleaning, maintenance, and troubleshooting. Includes model numbers PCC6A.I9.., PCH6A.I9.., PCI6A.I9.., PCP6A.I9.., PCQ7A.I9.., PCQ9A.I9..