

MINIX MSE01

MINIX Magnetic M.2 2230 NVMe SSD Enclosure - Instruction Manual

Model: MSE01 | Brand: MINIX

PRODUCT OVERVIEW

The MINIX Magnetic M.2 2230 NVMe SSD Enclosure (Model MSE01) is a versatile external storage solution designed for high-speed data transfer and expanded storage capacity across various devices. It features magnetic attachment for convenience and multi-port connectivity for enhanced functionality.

Key Features:

- **10Gbps Data Transfer:** Equipped with a USB3.2 Gen2 Type-C port, supporting read/write speeds up to 1000-1200MB/s for efficient data transfer and 4K ProRes video recording.
- **Broad SSD Compatibility:** Supports NVMe (B+M Key/M Key) and SATA protocol SSDs in sizes 2230/2242/2260/2280mm, with capacity expansion up to 2TB (4TB for Windows laptops).
- **Multi-Port Connectivity:** Includes a USB-C PD3.0 port (up to 60W), a USB-C 2.0 port for data/audio/mic, and a 3.5mm audio jack.
- **Wide Device Compatibility:** Compatible with iPhone 15 Pro/Pro Max, iPad Pro, MacBook Pro/Air, and Windows laptops.
- **Secure Magnetic Suction:** Features built-in magnets for secure attachment to compatible devices, preventing accidental falls.

WHAT'S IN THE BOX

- MINIX Magnetic M.2 SSD Enclosure (MSE01)
- User Manual
- USB-C to USB-C Cable
- Heat Dissipation Silicone x 2
- Screw

- Screwdriver



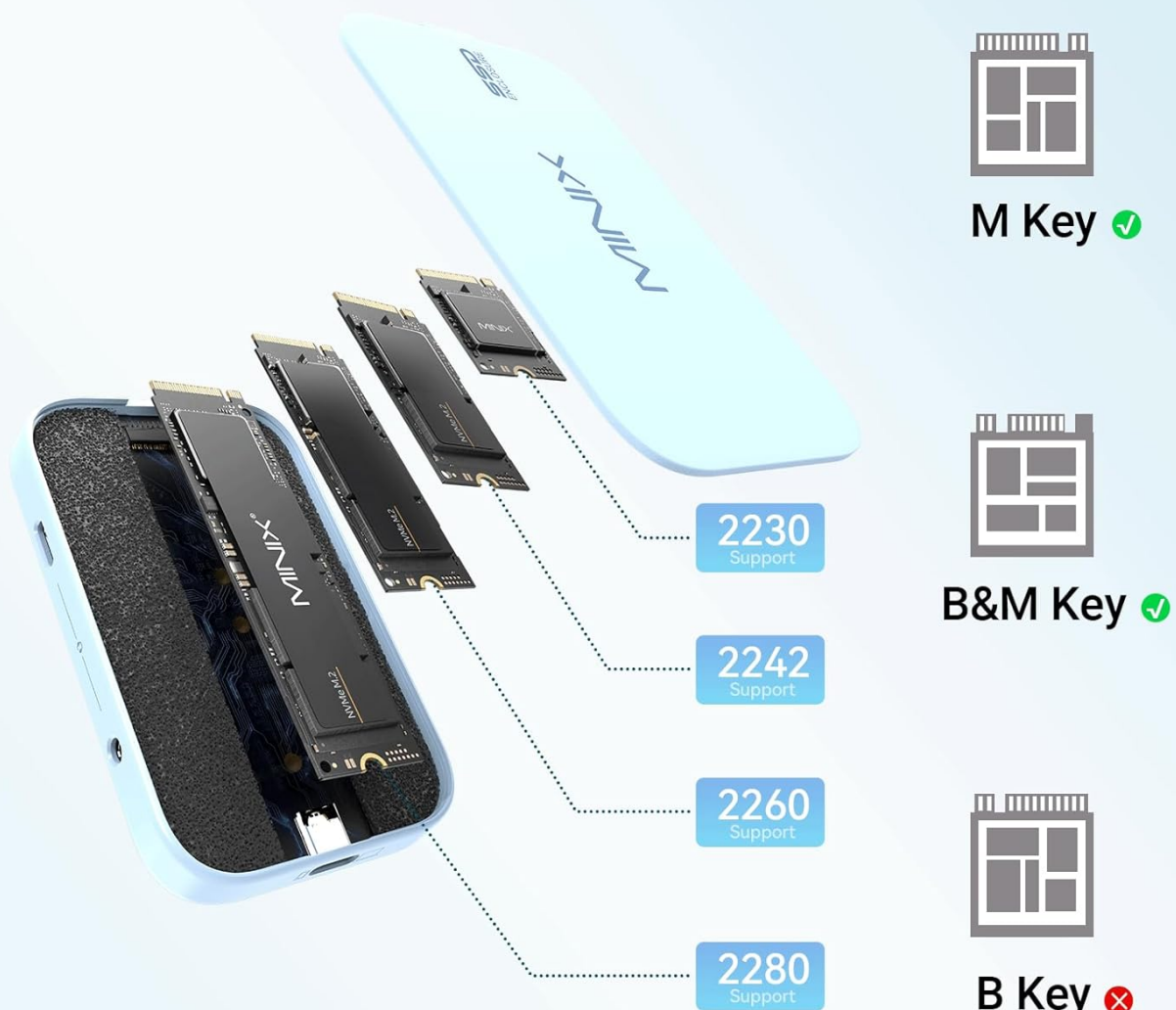
SF15 FOLD 15.6" Dual-Screen
Foldable Portable Monitor

Image: Contents of the MINIX SSD Enclosure retail box, showing the enclosure, USB-C cable, heat dissipation pads, screw, and screwdriver.

SETUP AND SSD INSTALLATION

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

1. **Open the Enclosure:** Gently slide open the enclosure to reveal the internal M.2 slot.
2. **Insert SSD:** Carefully insert your M.2 NVMe or SATA SSD (2230/2242/2260/2280mm) into the designated slot. Ensure it is properly seated.
3. **Secure SSD:** Use the provided screw and screwdriver to secure the SSD in place.
4. **Apply Thermal Pad:** Place the heat dissipation silicone pad on top of the installed SSD to aid in cooling.
5. **Close Enclosure:** Slide the enclosure cover back until it clicks securely into place.



Support the size of 2230/2242/2260/2280mm.

Image: Exploded view of the MINIX SSD Enclosure demonstrating SSD installation, showing compatibility with M Key and B+M Key SSDs in 2230, 2242, 2260, and 2280mm sizes.



Image: Visual guide for formatting a new SSD on a Windows operating system using the Disk Management tool, showing steps to create a new simple volume and format it with exFAT.

OPERATING INSTRUCTIONS

Connecting to Devices:

- **For iPhone 15 Pro/Pro Max:** Use the provided USB-C to USB-C cable to connect the enclosure to your iPhone. The magnetic feature allows for secure attachment to the back of the phone.
- **For iPad Pro/MacBook/Laptops:** Connect the enclosure using the USB-C to USB-C cable to the appropriate USB-C port on your device.
- **Power Delivery:** If using high-capacity SSDs or requiring simultaneous charging, connect an additional Type-C charging cable to the PD 60W port on the enclosure.

Data Transfer and Storage:

- Once connected, your device should recognize the SSD enclosure as external storage.
- You can directly record 4K ProRes videos from compatible iPhones to the SSD, saving internal device storage.
- Transfer files between the SSD and your computer/tablet as needed.

Audio Functionality:

- The enclosure includes a 3.5mm audio jack and a USB-C 2.0 audio port for connecting headphones or microphones.

Built-in Magnetic

NO worry to falling



Image: The MINIX SSD Enclosure magnetically attached to the back of an iPhone 15 Pro Max, with its short USB-C cable connected to the phone's port, illustrating direct storage for ProRes video.

MINIX SSD enclosure supports read and write speeds up to 1000-1200Mb/s, making it an ideal solution for data transfer and backup.



Write

914.6Mbps

Read

915.2Mbps

Image: The MINIX SSD Enclosure connected to a MacBook, with blue light trails indicating high-speed data transfer, showing read and write speeds of approximately 915 MB/s.

Simultaneous device charging

power up to **60W(MAX)**



Cannot supply power directly to the mobile phone charging requires an additional cable and power supply

Image: The MINIX SSD Enclosure connected to an iPhone, with a separate USB-C cable plugged into its PD 60W port, indicating simultaneous device charging while in use.

Official Product Videos:

Hagibis Magnetic M.2 2230 NVMe SSD Enclosure with Magsafe

Your browser does not support the video tag.

Video Description: This video demonstrates the installation of an M.2 2230 SSD into a magnetic enclosure, highlighting its compatibility with iPhones for direct 4K video recording and its use with MacBooks for data transfer and speed tests. It also shows the PD power supply and magnetic attachment features.

SPECIFICATIONS

Feature	Detail
Brand	MINIX
Model Number	MSE01
Material	Plastic
Memory Storage Capacity	2 TB (iPhone), 4 TB (Windows Laptops)
Compatible Devices	Desktop, Laptop, Tablet, Smartphone, iPhone 15/16, iPhone 15/16 Pro, iPhone 15/16 Max, iPad Pro, MacBook Pro/Air
Hard Disk Form Factor	2230 Millimeters (supports 2230/2242/2260/2280mm)
Data Transfer Rate	1200 Megabytes Per Second (10Gbps USB3.2 Gen2 Type-C)
Power Delivery	Up to 60W (USB-C PD3.0 port)
Audio Ports	3.5mm Audio Jack, Type C USB 2.0 Audio Port
Product Dimensions	3.88"L x 2.36"W x 0.49"H
Item Weight	5.6 ounces

TROUBLESHOOTING

• Device Not Recognizing SSD:

- Ensure the SSD is correctly installed and secured within the enclosure.
- Verify the USB-C cable is securely connected to both the enclosure and your device.
- For new SSDs, ensure it is formatted correctly (e.g., exFAT for broad compatibility). Refer to the "Setup and SSD Installation" section for Windows formatting steps.
- If using with an iPhone, ensure it is an iPhone 15 Pro/Pro Max model or newer, as older models may not support external recording or high-speed data transfer.
- If using a high-capacity SSD (e.g., 2TB or more), ensure external power is supplied to the enclosure via the PD port.

• Slow Data Transfer Speeds:

- Ensure your device's USB-C port supports USB 3.2 Gen 2 (10Gbps) speeds.
- Use the provided high-quality USB-C to USB-C cable.
- Check if other applications or processes are consuming significant bandwidth on your device.

• Magnetic Attachment Issues:

- Ensure your device or phone case is MagSafe compatible for optimal magnetic hold.
- Clean the magnetic surfaces on both the enclosure and your device/case to ensure a strong connection.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid liquid cleaners.
- **Storage:** Store the enclosure in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** While durable, avoid dropping or subjecting the enclosure to strong impacts to protect the internal SSD.

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official MINIX website or contact MINIX customer service directly.

Visit the [MINIX Store on Amazon](#) for more products and support resources.