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› DOCKCASE Pocket M.2 2230 NVMe SSD Enclosure User Manual

## DockCase Grey-DSWC1M

# DOCKCASE Pocket M.2 2230 NVMe SSD Enclosure User Manual

Model: Grey-DSWC1M

## INTRODUCTION

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The DOCKCASE Pocket M.2 2230 NVMe SSD Enclosure is a compact and intelligent device designed to house M.2 2230 NVMe SSDs, transforming them into portable external storage solutions. It features a unique HD display screen that provides real-time information about your SSD's health, performance, and status. This enclosure supports USB 3.2 Gen 2 Type-C (10 Gbps) for high-speed data transfer and includes Power Loss Protection (PLP) to safeguard your data.



Image: The DOCKCASE Pocket M.2 2230 NVMe SSD Enclosure, a small, grey device with a display screen, is shown held in a person's hand, highlighting its compact size.

## WHAT'S IN THE BOX

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Please verify that all components are present upon unboxing:

- SSD enclosure x1
- USB-C Data Cable x1
- Screwdriver (for SSD installation)
- Extra mounting screw (for SSD)

## SETUP GUIDE

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Follow these steps to install your M.2 2230 NVMe SSD into the enclosure:

### 1. **Step 1: Loosen the back cover screw.**

Using the provided screwdriver, carefully loosen the screw located on the back cover of the enclosure.

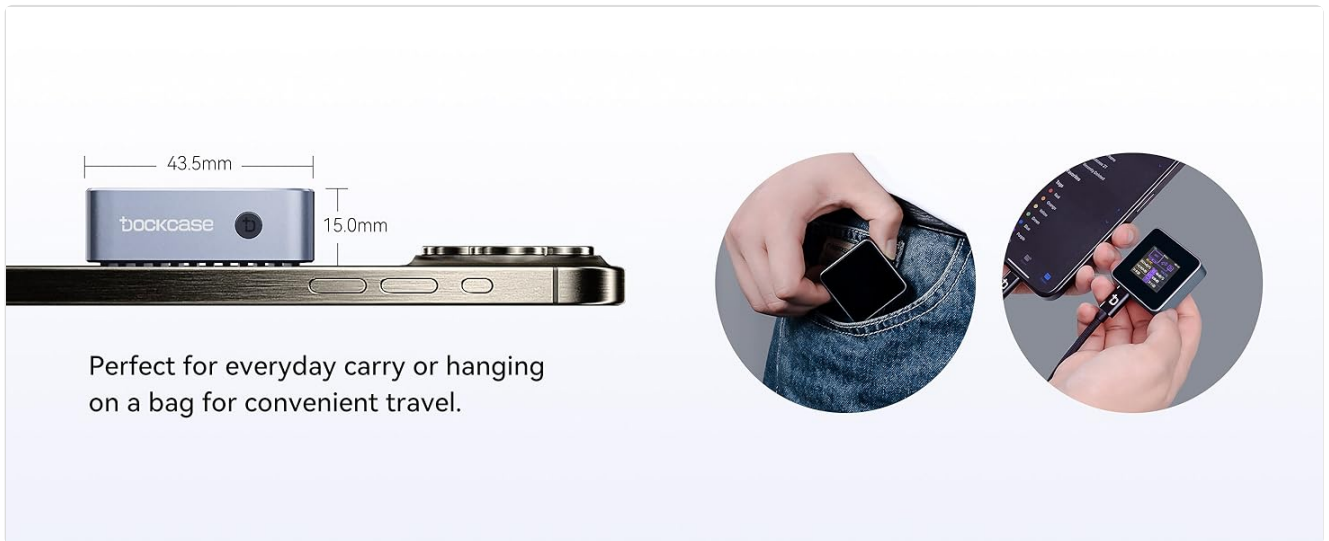


Image: A four-panel image illustrating the installation process. Panel 1 shows loosening the back cover screw.

### 2. **Step 2: Insert the SSD.**

Gently slide your M.2 2230 NVMe SSD into the PCB slot at a 30-degree angle until it is fully seated.

*Note: This enclosure is exclusive to M.2 2230 size NVMe PCIe SSDs. Ensure your SSD is compatible (M-Key and B+M Key supported).*

# Compatible With M.2 NVMe SSD

Maximum support 2TB capacity



M Key M2  
(NVMe/PCIe)



B&M Key  
M2(NVMe/PCIe)



B Key  
M2(NVMe/PCIe]

## SUPPORTED SSD MODEL

Western Digital PC SN530 / Western Digital PC SN740  
Kioxia BG4 / Hynix BC711 / Samsung PM991a

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Image: An internal view of the DOCKCASE enclosure, highlighting the M.2 2230 slot and compatible key types (M-Key, B+M Key) for SSD installation.

### 3. **Step 3: Secure the SSD.**

Press down the SSD and use the provided screw to secure it in place. An extra mounting screw is included for convenience.

### 4. **Step 4: Tighten the back cover.**

Replace the back cover and tighten the screw to secure it firmly.

### 5. **Step 5: Connect to a device.**

Connect the enclosure to your computer, smartphone, or game console using the supplied USB-C data cable. The device is plug-and-play compatible with Windows, MacOS 10+, iPad OS 12.0.1+, Linux, Android, and ChromeOS.

### Real-time Monitoring Display

The DOCKCASE enclosure features an HD display screen that provides critical information about your SSD. The main page displays SSD health, power-on times, remaining capacity, and current read/write speeds.

# Master Your Data With Live Monitoring

Build-in display provide real-time readouts of your SSD information



Image: The DOCKCASE enclosure's display screen showing various real-time data points such as SSD controller temperature, working status, PLP charging status, SSD info, health status, and total read/write data.

- **Navigation:** Double-click the button to rotate the display 90 degrees clockwise. Long press to switch to other function pages.

- **Function Pages:** Short press to return to the main page or switch options in the "About Me" page. Long press for 3 seconds to apply/modify options.

## Live Transfer Readout

Monitor your data transfer speeds in real-time directly on the enclosure's screen. This feature allows you to quickly identify transfer performance and ensure optimal operation.

# Live Transfer Readout

10Gbps High-speed transmission, 1G files in 1s

10Gbps



### TRANSFER PAGE

The transfer rate can be read in real time

Image: The DOCKCASE enclosure connected to a laptop via USB-C, with its screen displaying live read and write transfer rates in MB/s and total data transferred in GB.

## Read-Only Mode

Activate Read-Only Mode to prevent accidental deletion or modification of important data. This provides an extra layer of security for sensitive information.

# Read only Mode

Avoid accidentally deleting or modifying important data

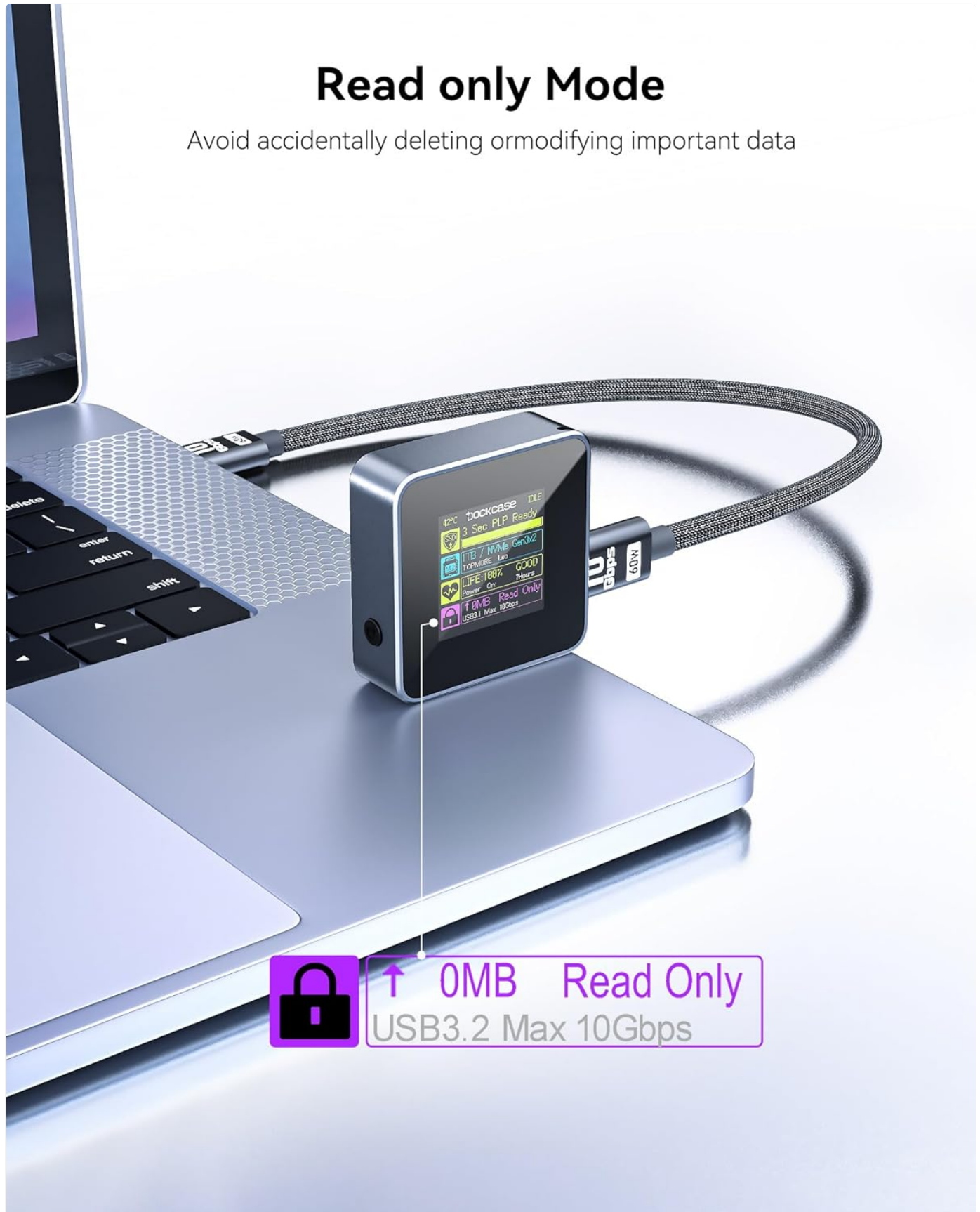


Image: The DOCKCASE enclosure connected to a laptop, displaying "Read Only" on its screen, indicating that write protection is active.

## KEY FEATURES

- **3-Second Power Loss Protection (PLP):**

The enclosure is equipped with Power Loss Protection, providing approximately 3 seconds of writing time after an unexpected power failure. This feature helps prevent data loss and disk damage during sudden disconnections or power outages.

## 3 Seconds Power Loss Protection

Protecting data during unexpected power outages



Image: A hand connecting a USB-C cable to the DOCKCASE enclosure, with the screen displaying "Power Protection Ready" and a lightning bolt icon, indicating the 3-second PLP feature.

- **SSD Life Prediction & Authenticity Check:**

The smart display can detect and show the SSD's health status, remaining life, and power-on times, helping you identify potential issues and avoid inferior disks.

- **Exquisite and Compact Design:**

Designed for portability, the enclosure is small enough to fit in your pocket, making it ideal for on-the-go data

storage. Its dimensions are 1.65 x 0.55 x 1.57 inches.

## Exquisite and Compact Design

Exclusive 2230 Size M.2 NVMe SSD



Image: The DOCKCASE enclosure positioned next to an iPhone, illustrating its small and compact design, with dimensions of 43.5mm x 15.0mm.

- **Wide Compatibility:**

Supports M-Key and B+M Key NVMe PCIe SSDs up to 2TB capacity. Compatible with iPhone 15, PS5, Steam Deck, and various operating systems including Windows, MacOS 10+, iPad OS 12.0.1+, Linux, Android, ChromeOS, and HarmonyOS.

- **Superior Heat Dissipation:**

The aluminum alloy shell and internal design contribute to efficient heat dissipation, reducing SSD heat by up to 20% to ensure stability and longevity.



Image: An exploded view diagram of the DOCKCASE enclosure, illustrating how aluminum fins and a graphite pad work together to dissipate heat from the SSD.

## MAINTENANCE

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To ensure optimal performance and longevity of your DOCKCASE 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.
- Ensure proper ventilation when in use, especially during prolonged high-speed transfers, to aid in heat dissipation.
- Always safely eject the device from your operating system before disconnecting to prevent data corruption.

## TROUBLESHOOTING

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If you encounter issues with your DOCKCASE Pocket M.2 2230 NVMe SSD Enclosure, please refer to the following common solutions:

- **SSD Not Recognized:**
  - **Check Compatibility:** Ensure your SSD is an M.2 2230 NVMe PCIe SSD (M-Key or B+M Key). Some SSD models may be incompatible. Refer to the manufacturer's compatibility list if available.
  - **Initialization and Formatting:** For new SSDs, they must be initialized and formatted before they can be recognized by your operating system. Use Disk Management (Windows) or Disk Utility (macOS) to perform this action.
  - **Secure Installation:** Re-open the enclosure and ensure the SSD is fully seated and securely screwed into the PCB slot.
  - **Cable Connection:** Try using a different USB-C port or cable to rule out connection issues.
- **Device Runs Warm:**

It is normal for the enclosure to become warm during high-speed data transfers or prolonged use due to efficient heat dissipation from the SSD. If it feels excessively hot, ensure it is placed on a surface that allows for airflow and is not covered. The built-in display can show the SSD controller temperature for monitoring.
- **Slow Transfer Speeds:**
  - **USB Port Type:** Ensure you are connecting the enclosure to a USB 3.2 Gen 2 (10Gbps) compatible port on your host device for maximum performance. Older USB ports will result in slower speeds.
  - **SSD Performance:** The actual transfer speed is also dependent on the performance of the installed SSD.

- **Cable Quality:** Use the provided high-quality USB-C cable or another certified 10Gbps USB-C cable.

- **Display Issues / Freezing:**

If the display freezes or shows incorrect information, try disconnecting and reconnecting the enclosure. Ensure the firmware is up to date if updates are available from the manufacturer.

## SPECIFICATIONS

| Feature                  | Detail                                                                   |
|--------------------------|--------------------------------------------------------------------------|
| Product Dimensions       | 1.65 x 0.55 x 1.57 inches                                                |
| Item Weight              | 4.2 ounces                                                               |
| Item Model Number        | Grey-DSWC1M                                                              |
| Digital Storage Capacity | Up to 2 TB (SSD not included)                                            |
| Hard Disk Interface      | NVMe PCIe (M-Key, B+M Key)                                               |
| Connectivity Technology  | USB 3.2 Gen 2 Type-C (10 Gbps)                                           |
| Read Speed               | Up to 1024 Megabytes Per Second (10Gbps)                                 |
| Special Feature          | Portable, HD Display, 3s PLP, Read Only Mode                             |
| Compatible Devices       | Laptop, iPhone 15, PS5, Steam Deck, PC, Mobile Game Console, Smart Phone |
| Installation Type        | External Hard Drive Enclosure                                            |
| Manufacturer             | Tmd Touch                                                                |

## WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please refer to the official DockCase website or contact their customer service directly. A detailed user guide in PDF format is also available for download from the product's Amazon listing page.

Link to User Guide:[DOCKCASE User Guide \(PDF\)](#)

### 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**