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› [ICY BOX M.2 NVMe/SATA & 2.5"/3.5" Hard Drive Docking Station Instruction Manual](#)

ICY BOX B0F1MVGZ1Z

ICY BOX M.2 NVMe/SATA & 2.5"/3.5" Hard Drive Docking Station Instruction Manual

Model: B0F1MVGZ1Z

1. INTRODUCTION

The ICY BOX M.2 NVMe/SATA & 2.5"/3.5" Hard Drive Docking Station provides a versatile solution for connecting various types of storage drives to your computer. This docking station supports M.2 NVMe/SATA SSDs and 2.5"/3.5" SATA HDDs/SSDs, offering high-speed data transfer up to 10 Gbit/s via USB 3.2 Gen2x1 Type-C. Its tool-free design and broad compatibility make it suitable for data recovery, backups, and storage expansion across Windows and macOS systems.

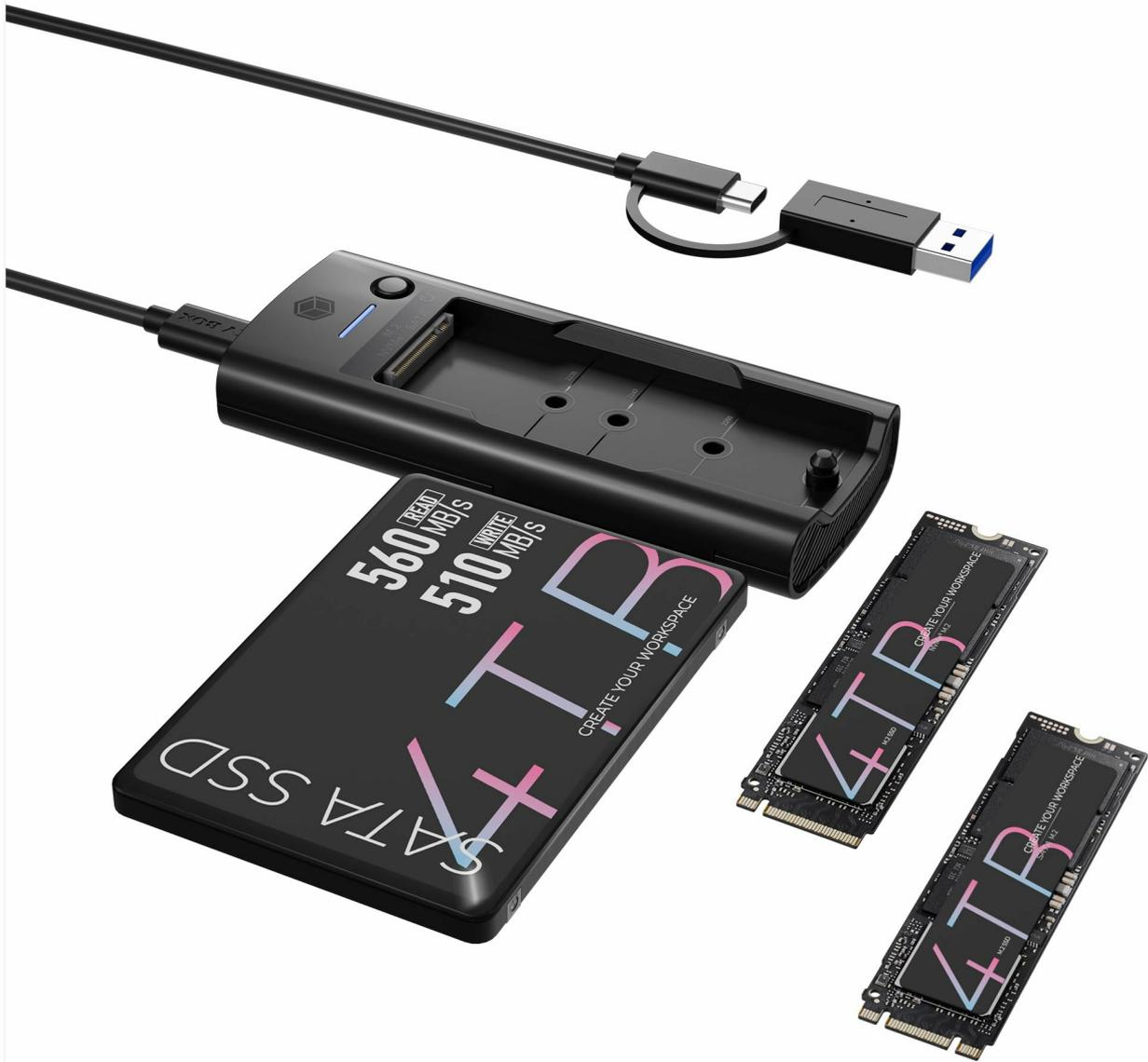




Figure 2: Included accessories with the docking station. Note: A power supply unit (PSU) for 3.5" HDDs is not included.

3. SETUP GUIDE

3.1 Connecting an M.2 SSD

1. Gently insert your M.2 NVMe or SATA SSD into the designated M.2 slot on the docking station.
2. Secure the M.2 SSD with one of the provided rubber fixations.

3.2 Connecting a 2.5"/3.5" SATA Drive

1. Slide your 2.5" or 3.5" SATA HDD/SSD into the SATA drive bay until it is firmly seated.
2. For 3.5" HDDs, an external 12V DC power adapter (not included) is required for operation. Connect the power adapter to the DC input port on the docking station.

3.3 Connecting to Your Computer

1. Use the provided 2-in-1 USB cable to connect the docking station to your computer.
2. Connect the USB-C end of the cable to the USB Type-C host connection port on the docking station.
3. Connect the other end of the cable (USB-C or USB-A, depending on your computer's port) to an available USB port on your computer.



Figure 3: Overview of the docking station components, including M.2 slot, SATA connection, USB-C host connection, and power input.

Connect to PC via USB Type-C®

One cable, two connections



Figure 4: The included 2-in-1 cable supports both USB Type-A and USB Type-C connections for broad compatibility.

4. OPERATING INSTRUCTIONS

4.1 Drive Detection

Once connected, your operating system (Windows or macOS) should automatically detect the docking station and any inserted drives. New drives may require initialization and formatting before use.

4.2 One-Touch Drive Switching

The docking station features a front-panel tact switch to toggle between the M.2 SSD and the 2.5"/3.5" HDD/SSD. Press the switch to select the active drive. This allows for quick switching without needing to disconnect and reconnect drives.

On/Off Tact Switch

Switch drives with a simple press



Figure 5: The tact switch allows for instant switching between M.2 SSD and 2.5"/3.5" SATA drives.

4.3 Data Transfer

The docking station supports USB 3.2 Gen2x1, providing data transfer speeds up to 10 Gbit/s. This is ideal for transferring large files, performing backups, or working with high-resolution media.



High-Speed Data Transfer

Speed through tasks at 10 Gbit/s

Figure 6: Experience fast data transfer speeds up to 10 Gbit/s.

4.4 System Compatibility

This device is compatible with both macOS and Windows operating systems, ensuring seamless integration with most desktop and laptop environments.

Multi-OS Compatibility

Windows® and macOS® Ready

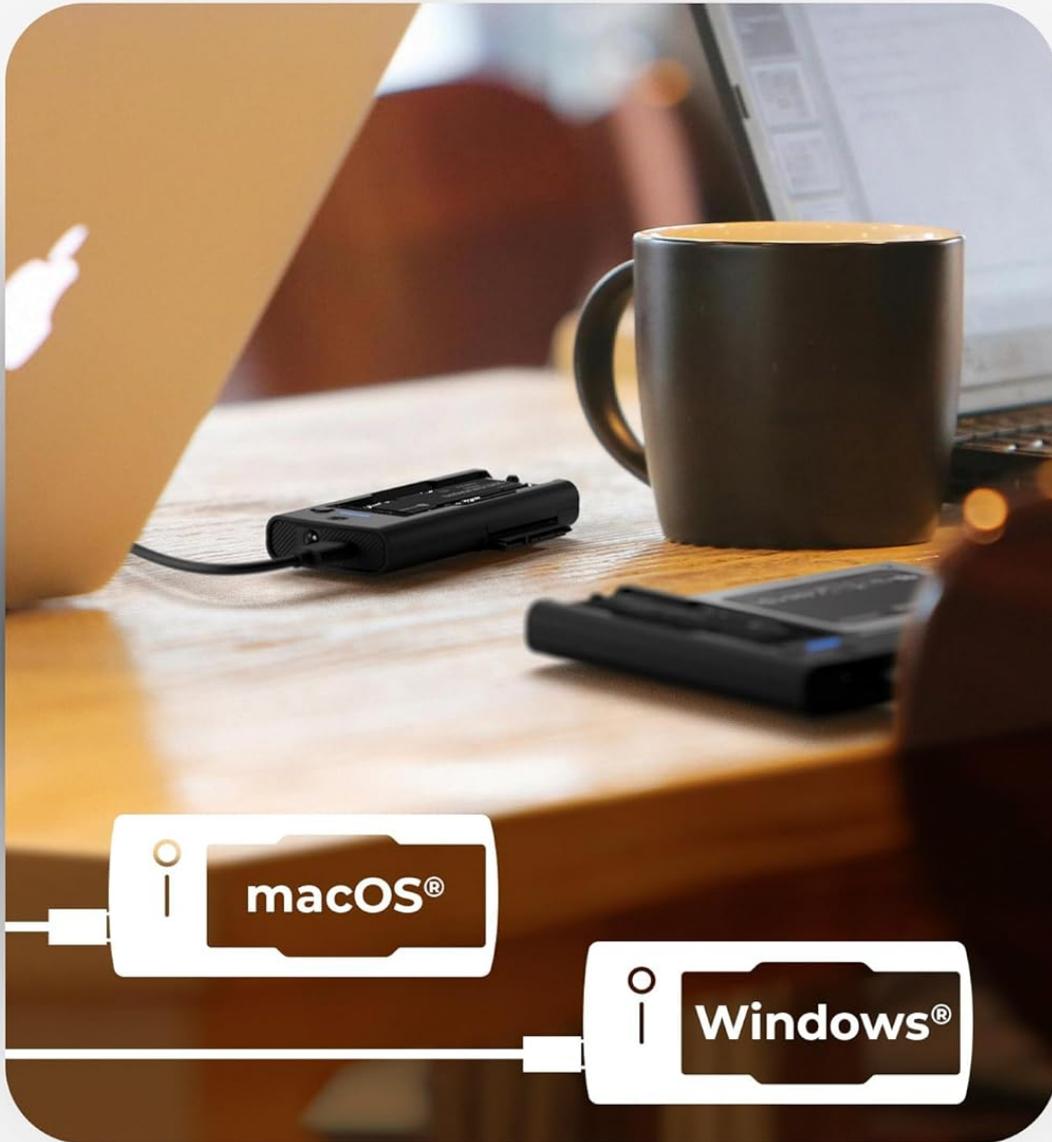


Figure 7: The docking station offers multi-OS compatibility for Windows and macOS.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ICY BOX docking station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or solvents, as they may damage the device.

- **Storage:** When not in use, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Ventilation:** Ensure the docking station has adequate ventilation during operation to prevent overheating, especially when using multiple drives or during prolonged data transfers.

6. TROUBLESHOOTING

6.1 Drive Not Detected

- **Check Connections:** Ensure all cables are securely connected to both the docking station and your computer.
- **Power Supply:** For 3.5" SATA HDDs, confirm that an external 12V DC power adapter is connected and providing power. 2.5" SATA drives and M.2 SSDs typically draw power from the USB connection, but a power adapter may be beneficial for stability with some systems.
- **Drive Seating:** Verify that the M.2 SSD or SATA drive is correctly and firmly seated in its respective slot.
- **Operating System:** Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but uninitialized or unformatted.
- **Try Another Port/Cable:** Test with a different USB port on your computer or a different USB cable if available.

6.2 Slow Data Transfer Speeds

- **USB Port:** Ensure the docking station is connected to a USB 3.0 (or higher) port on your computer. Connecting to a USB 2.0 port will limit speeds.
- **Drive Performance:** The actual transfer speed is limited by the slowest component, which could be the drive itself. Older HDDs or slower SSDs will not reach 10 Gbit/s.
- **System Load:** High CPU usage or other background processes on your computer can affect transfer speeds.

6.3 3.5" HDD Not Powering On

- **External Power Required:** 3.5" HDDs require an external 12V DC power adapter (not included) to operate. The USB connection alone cannot provide sufficient power for these drives.
- **Power Adapter Specifications:** Ensure the power adapter used provides 12V DC and sufficient amperage (e.g., 2A or 3A) for the HDD. Using an incorrect power adapter can damage the drive or the docking station.

7. SPECIFICATIONS

Product Dimensions	4.45 x 2.17 x 0.59 inches (11.3 x 5.5 x 1.5 cm)
Item Weight	4.6 ounces (130 grams)
Hardware Interface	USB 3.2 Gen 2
Data Transfer Rate	Up to 10 Gbit/s
Compatible Drives	M.2 NVMe/SATA SSDs (2230, 2242, 2260, 2280), 2.5"/3.5" SATA HDDs/SSDs

Compatible Systems	macOS, Windows
Total USB Ports	2 (Internal for drives)
Input Voltage	12 Volts (DC) for external power (for 3.5" HDDs)
Color	Black

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This ICY BOX product comes with a 24-month warranty from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact ICY BOX customer service. Refer to the official ICY BOX website or your product packaging for the most current contact information.