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› ORICO USB-C Hub with Dual Drive Enclosure User Manual

ORICO D35M2

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Model: D35M2

1. PRODUCT OVERVIEW

The ORICO USB-C Hub with Dual Drive Enclosure (Model D35M2) is a versatile docking station designed to expand your device's connectivity and storage capabilities. It integrates multiple interfaces including USB-A, USB-C, HDMI, Ethernet, and card readers, alongside dedicated slots for M.2 NVMe/SATA SSDs and 2.5/3.5-inch SATA hard drives.

The D35M2 supports both M.2 NVMe/SATA SSDs and 2.5/3.5-inch SATA HDDs. Installation is tool-free.

1. For M.2 NVMe/SATA SSD:

Locate the M.2 SSD slot. Gently insert your M.2 SSD (compatible with M key/B&M key, 2280, 2260, 2242, 2230 protocols) into the slot. Secure it if necessary. Apply the provided heatsink and silicone cooling pads for optimal thermal performance, especially for high-intensity use.

2. For 2.5/3.5-inch SATA HDD:

Locate the 2.5/3.5-inch HDD slot. Slide your SATA hard drive into the slot until it connects firmly with the internal SATA connector. Ensure it is seated properly.

Double Storage Expansion

3.5 Hard Drive Enclosure + M.2 Enclosure

M.2 Hard disk

8T

3.5 & 2.5 Hard disk

18T



8TB Expansion

Compatible SSD key



M KEY
NVMe / PCIe

M&B KEY
NVMe / PCIe

Compatible SSD protocol



18TB Expansion

Compatible 2.5"/3.5" key

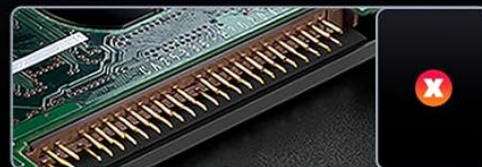


Figure 2: Illustration of the double storage expansion capability, showing the M.2 SSD slot and the 3.5-inch hard drive slot, along with compatible SSD key types and protocols.

2.2 Connecting to Your Host Device:

1. Connect the provided USB-C to USB-C cable from the "Host" port on the ORICO Hub to a compatible USB-C port on your laptop, MacBook, Switch, or Steam Deck.
2. If you are using two hard drives or require stable data transfer, connect the provided 12V 3A power adapter to the DC 12V port on the hub and plug it into a power outlet. This ensures sufficient power for all connected devices and

stable operation.

3. OPERATING INSTRUCTIONS

The ORICO D35M2 offers a wide range of connectivity options. Here's how to utilize its various interfaces.

3.1 Available Interfaces:



Figure 3: Detailed view of the ORICO USB-C Hub, highlighting all 12 available ports including RJ45, HDMI, USB-A, USB-C, PD100W, DC

Port, and SD/TF card slots.

- **USB 3.2 Gen2 Ports (10Gbps):** The hub features three USB-A ports and two USB-C ports, all supporting USB 3.2 Gen2 speeds of up to 10Gbps. This allows for rapid data transfer, enabling you to move 1GB of files (videos, music, photos) in approximately 1 second.

USB3.2 Gen 2 10Gbps
Support M.2 NVMe/SATA SSD

Transfer Speed
10Gbps

10Gbps

NOTE: If multiple interfaces are used at the same time,
the transfer speed of each port will be slightly reduced.

Figure 4: Visual representation of 10Gbps data transfer speed through the USB 3.2 Gen 2 ports. Note: If multiple interfaces are used simultaneously, the transfer speed of each port may be slightly reduced.

- **SD/TF Card Reader (USB 3.0):** Transfer files from drones and action cameras with speeds up to 100MB/s. Both TF and SD cards can be used simultaneously.
- **HDMI 4K@60Hz Display Output:** Connect to an external monitor to mirror or extend your display at 4K resolution and 60Hz refresh rate. *Important: Ensure your host device's Type-C interface supports video transmission before*

using the HDMI port.



Figure 5: Example of connecting the ORICO Hub to a laptop for 4K@60Hz display output on an external monitor.

- **Gigabit Ethernet (RJ45):** Enjoy stable wired network speeds up to 1000Mbps, compatible with existing 10/100 Ethernet standards.



Figure 6: Illustration of the Gigabit Ethernet port, showing a network cable connected and indicating 1000Mbps speed support.

- **PD100W Fast Charging:** A dedicated PD100W power interface allows you to charge your laptop while using the hub, ensuring continuous operation without power concerns.

PD100W Fast Charging



Figure 7: Demonstration of the PD100W fast charging feature, showing a laptop being charged via the hub. Note: When M.2 NVMe SSD is working, your computer needs to connect the PD100W interface to get powered.

The ORICO D35M2 is compatible with Windows, Mac OS, and other operating systems.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ORICO Hub.

4.1 Cooling System:

The D35M2 features an upgraded built-in turbo fan and M.2 heatsink to ensure stable and safe data transmission by

effectively cooling the SSD. The fan is designed to activate when the internal temperature exceeds 50°C to reduce noise and energy consumption.

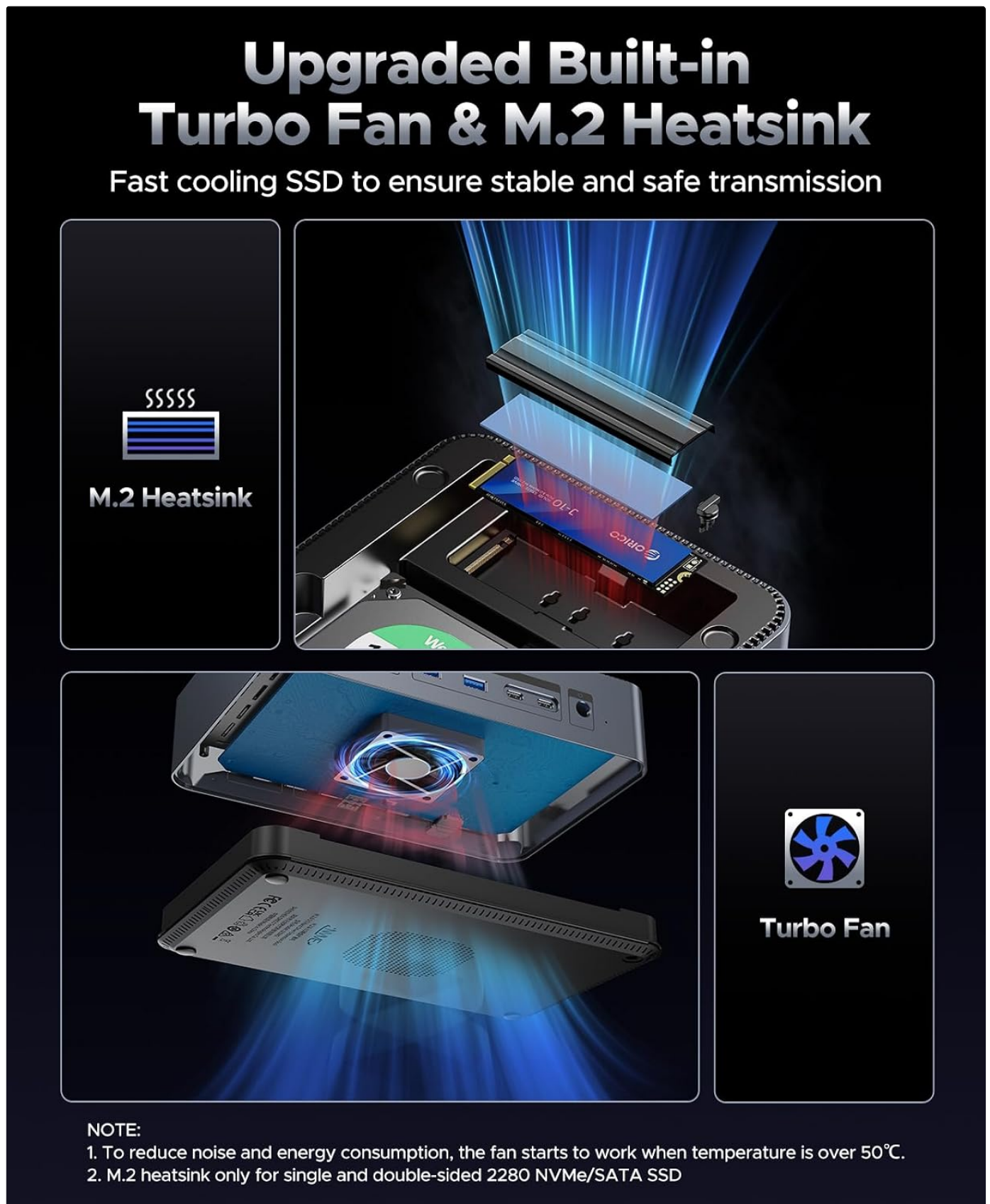


Figure 8: Diagram illustrating the internal cooling system, including the M.2 heatsink and the turbo fan, designed for efficient heat dissipation.

Note: The M.2 heatsink is specifically designed for single and double-sided 2280 NVMe/SATA SSDs.

4.2 Cleaning:

To clean the exterior of the device, use a soft, dry cloth. Avoid using liquid cleaners or aerosols, as they may damage the device.

5. TROUBLESHOOTING

If you encounter issues with your ORICO Hub, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Intermittent connection or disconnections of drives/peripherals.	Insufficient power supply, loose cable connections, or compatibility issues.	◦ Ensure the 12V power adapter is connected and functioning, especially when using multiple drives. ◦ Check all cable connections (USB-C to host, power adapter) are secure. ◦ Try a different USB-C port on your host device.
SSD/HDD not recognized or slow data transfer.	Drive not properly seated, incompatible drive, or power issue.	◦ Re-seat the SSD/HDD firmly in its slot. ◦ Verify the drive is compatible (M.2 NVMe/SATA, 2.5/3.5-inch SATA). ◦ Ensure the 12V power adapter is connected. ◦ Check if the drive is initialized and formatted in your operating system.
HDMI display flickering or going black.	Host device's USB-C port does not support video output, or cable issue.	◦ Confirm your host device's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode). ◦ Try a different HDMI cable or monitor. ◦ Ensure the hub is adequately powered.
Hard drive heating up excessively.	Prolonged heavy use, inadequate ventilation.	◦ Ensure the device is placed in a well-ventilated area. ◦ For M.2 SSDs, ensure the heatsink and cooling pads are correctly installed. ◦ Allow the device to cool down during extended operations.

If the problem persists after trying these solutions, please contact ORICO customer support for further assistance.

6. SPECIFICATIONS

Model	D35M2
Color	Black
Material	Aluminum Alloy + ABS

Transfer Rate	10 Gbps (USB 3.2 Gen2)
Dimensions (L x W x H)	220 x 141 x 59.5 mm
Power Adapter	DC 12V/3A 36W
PD Charging	Up to 100W (Type-C PD)
Input Interface	Type-C (Host)
Output Interfaces	2 x Type-C (10Gbps) 3 x USB 3.2 Gen2 (10Gbps) 1 x HDMI (4K@60Hz) 1 x RJ45 (1000Mbps Gigabit Ethernet) 1 x SD Card Slot (USB 3.0) 1 x TF Card Slot (USB 3.0) 1 x M.2 NVMe/SATA SSD Slot 1 x 2.5/3.5" SATA HDD Slot
Supported Systems	Windows, Mac OS, etc.
Max Storage Capacity	M.2 SSD: 8TB; 2.5/3.5" HDD: 18TB (Total 26TB)
Hard Drive Interface	M Key / B&M Key (for M.2); SATA (for 2.5/3.5")
Installation	Tool-free

7. WARRANTY AND SUPPORT

ORICO is committed to providing high-quality products and excellent customer service.

7.1 Warranty Information:

This product is covered by a return policy allowing for refund or replacement within 30 days of purchase.

7.2 Customer Support:

If you have any questions, concerns, or require technical assistance, please contact the ORICO Official Store where you purchased the product. Our support team is dedicated to resolving your inquiries as quickly as possible.

For more information and updates, you may visit the official ORICO brand store:[ORICO Brand Store](#)

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