**ORICO MST5P**

# ORICO Mini Pro Thunderbolt 5 SSD Enclosure (MST5P) User Manual

Model: MST5P

## INTRODUCTION

This manual provides comprehensive instructions for the ORICO Mini Pro Thunderbolt 5 SSD Enclosure (MST5P). This device is designed to expand storage and connectivity for your computer, offering high-speed data transfer and a compact form factor. Please read this manual thoroughly before using the product to ensure proper operation and longevity.

Image: The ORICO Mini Pro Thunderbolt 5 SSD Enclosure, showcasing its sleek design and compact size.

## SETUP

Follow these steps to set up your ORICO Mini Pro Thunderbolt 5 SSD Enclosure:

1. **Prepare the Enclosure:** If your model requires SSD installation, ensure the NVMe SSD is correctly installed according to the product's internal instructions. For pre-installed SSD models, this step is not required.

2. **Insert Your Mac Mini (if applicable):**
   The enclosure is designed to house a Mac Mini for a vertical setup. To insert the Mac Mini:

   - Press the top switch to the right to unlock the back cover.

   - Remove the back cover.

   - Carefully place your Mac Mini M4 (or compatible model) into the enclosure, ensuring it sits properly on the pre-installed silicone pads.

   - Reinstall the back cover and slide the top switch to the left to secure it.

3. **Connect the Thunderbolt 5 Cable:** Use the provided Thunderbolt 5 cable to connect the enclosure to your computer's USB-C port. Ensure a secure connection for optimal performance.

4. **Power On:** Press the power button on the enclosure (if present) or your Mac Mini to power on the system.

# Quick Installation

**1**
Press the Top Switch to the Right

**2**
Remove the Back Cover

**3**
Place Mac Mini M4 Properly and Reinstall the Cover

Image: Visual guide demonstrating the quick installation process of placing a Mac Mini into the ORICO Mini Pro enclosure. Steps include unlocking, removing the cover, inserting the device, and re-securing the cover.

## OPERATING

The ORICO Mini Pro Thunderbolt 5 SSD Enclosure offers enhanced performance and expanded capabilities:

- **High-Speed Data Transfer:** Experience 80Gbps Thunderbolt 5 speeds for rapid file transfers, ideal for large data backups, video editing, and other demanding applications.

- **Expanded Storage:** Depending on your model, the enclosure comes with a built-in high-speed NVMe SSD (available in 1TB, 2TB, or 4TB capacities) to provide ample space for your projects and media.

- **Universal Compatibility:** The enclosure is compatible with a wide range of operating systems, including Windows, Mac OS, Linux, Android, and iPadOS, ensuring seamless integration with your devices.

- **Additional Ports:** Utilize the integrated USB-C ports (10Gbps) and TF/SD card slots for connecting peripherals and accessing memory cards directly.

Image: A user working at a desk with a monitor displaying video editing software, highlighting the 80Gbps Thunderbolt 5 performance of the ORICO Mini Pro enclosure connected to a computer.

# Built-in Storage Capacity

### Bulit-in non-removable ORICO O7000 M.2 SSD
### for expanding capacity



**Max. Read Write Speed:** **6000MB/s**

**Available in** **1T/2T/4T**

Image: The ORICO Mini Pro enclosure shown with various data types (video, information, database) and a speed indicator showing a maximum read/write speed of 6000MB/s, illustrating its built-in storage capacity options (1TB, 2TB, 4TB).

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your enclosure:

- **Heat Dissipation:** The aluminum alloy chassis is designed for efficient heat dissipation. Ensure adequate airflow around the enclosure to prevent overheating, especially during prolonged high-performance tasks.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid using liquid cleaners or abrasive materials that could damage the finish.

- **Protection:** The enclosure features pre-installed soft silicone pads to protect your Mac Mini from

scratches and provide anti-slip stability. Avoid placing heavy objects on the enclosure.

# Engineered Cooling Synergy

## Enhanced ventilation, all-aluminum alloy for efficient heat dissipation



Image: An illustration of the ORICO Mini Pro enclosure with heat dissipation patterns, indicating enhanced ventilation and all-aluminum alloy construction for efficient cooling.

# Pre-Installed Soft Silicone Pads

## Perfect Protection for Your Mac Mini M4



**Built-in Silicone Armor, Precision-Fit Protection for Mac mini.**

Anti-Slip    Scratch-Resistant

Image: The interior of the ORICO Mini Pro enclosure showing the pre-installed soft silicone pads, designed for anti-slip and scratch-resistant protection for the Mac Mini.

## TROUBLESHOOTING

If you encounter issues with your ORICO Mini Pro Thunderbolt 5 SSD Enclosure, refer to the following common solutions:

- **Device Not Recognized:**
  - Ensure the Thunderbolt 5 cable is securely connected to both the enclosure and your computer.
  - Try connecting the enclosure to a different USB-C/Thunderbolt port on your computer.
  - Restart your computer.
  - Verify that your operating system drivers are up to date.

- **Slow Data Transfer Speeds:**

  - Confirm you are using the provided Thunderbolt 5 cable and connecting to a Thunderbolt 5 or compatible USB-C port on your computer.
  - Close any background applications that might be consuming significant system resources.
  - Check the health of the internal NVMe SSD using appropriate disk utility software.

- **Overheating:**

  - Ensure the enclosure is placed in a well-ventilated area.
  - Avoid blocking the ventilation holes on the enclosure.
  - Reduce the workload on the SSD if sustained high temperatures are observed.

If problems persist, please contact ORICO customer support for further assistance.

## SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Brand | ORICO |
| Model Number | MST5P-1TB (varies by capacity) |
| Hard Drive Type | Solid State Drive (NVMe) |
| Interface | Thunderbolt 5 (80Gbps), USB-C |
| Capacity Options | 1TB, 2TB, 4TB |
| Compatible Devices | Desktop (Windows, Mac OS, Linux, Android, iPadOS) |
| Total USB Ports | 1 (Thunderbolt 5 USB-C) + additional USB-C ports on enclosure |
| Number of Ports (Enclosure) | 5 (including TF/SD card slots) |
| Material | Aluminum Alloy and Plastic |
| Color | Silver |
| Item Weight | 2.55 pounds |
| Package Dimensions | 9.06 x 9.06 x 3.15 inches |

## WHAT'S IN THE BOX

The ORICO Mini Pro Thunderbolt 5 SSD Enclosure package typically includes:

- ORICO Mini Pro Thunderbolt 5 SSD Enclosure
- 0.15m Thunderbolt 5 Cable
- User Manual

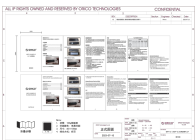# What's In The Box



**MiniPro**

**Packaging Box**

Image: The ORICO Mini Pro enclosure displayed next to its retail packaging box, indicating the contents of the product package.

## WARRANTY AND SUPPORT

ORICO provides a warranty for this product:

- **Warranty Period:** A 3-year warranty is provided for SSD models. Specific configurations may have a 1-year warranty. Please refer to your purchase documentation for exact details.

- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact ORICO customer support through their official website or the retailer where the product was purchased.

## Related Documents - MST5P

| | |
|---|---|
| Инструкция и руководство пользователя для док-станций: **3529RU3 / 3549RU3 / 3559RU3** | [ORICO 3529RU3/3549RU3/3559RU3 RAID Hard Drive Enclosure User Manual](#)<br>Comprehensive user manual for ORICO 3529RU3, 3549RU3, and 3559RU3 external RAID hard drive enclosures. Covers features, specifications, installation, RAID configurations (RAID 0, 1, 3, 5, 10, SPAN, Clone, PM/Normal), software management with ORICO HW RAID Manager, and troubleshooting. |
| | [ORICO M.2 NVMe SSD Enclosure M2PV-C3 M2PF-C3 User Manual and Specifications](#)<br>User manual and technical specifications for the ORICO M.2 NVMe SSD Enclosure, models M2PV-C3 and M2PF-C3, detailing features like USB 3.2 Gen 2 (10Gbps), tool-free installation, and broad SSD compatibility. |
| | [ORICO RAID Enclosure User Guide: Software and Manual Operation](#)<br>A guide to operating the ORICO 4 Bay RAID Hard Drive Enclosure, covering software management via USB 3.2 Gen 1 and manual operation through the device's array switch. Includes information on RAID modes and system compatibility. |
| | [ORICO SSD Docking Station User Manual: Installation, RAID, and Operation Guide](#)<br>Comprehensive user manual for the ORICO SSD Docking Station, covering setup, M.2 and SATA drive installation, RAID configuration, formatting, and troubleshooting for models like M47P, M49P, and M435. |
| M.2 SSD Enclosure<br>User Manual • Uživatelský manuál • Uživateľský manuál • Használati utasítás • Benutzerhandbuch | [ORICO M.2 SSD Enclosure User Manual](#)<br>User manual for the ORICO M.2 SSD Enclosure, detailing product features, installation steps, safety precautions, warranty information, and EU compliance. |
| | [ORICO Hard Drive Enclosure FAQ & Troubleshooting Guide](#)<br>Comprehensive FAQ and troubleshooting guide for ORICO hard drive enclosures, covering topics like SATA/USB interfaces, disk management, transfer speeds, sleep mode, offline cloning, and RAID configurations for 2.5/3.5 inch hard drives. |