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ORICO ORICO-VSP10-1T-SV-EP

ORICO Minidock Mac mini M4 Dock User Manual

Model: ORICO-VSP10-1T-SV-EP

1. INTRODUCTION

The ORICO Minidock Mac mini M4 Dock is a versatile 9-in-1 aluminum hub designed specifically for the Mac mini 2024. It integrates multiple connectivity options and includes a built-in 1TB NVMe M.2 SSD to expand your storage and enhance your desktop setup. Its vertical design helps save desktop space while providing convenient access to all ports.



Figure 1.1: ORICO Minidock with Mac mini M4, showcasing its compact design and integration.

2. KEY FEATURES

- **Optimized for Mac mini M4:** Designed to perfectly fit the new Mac mini 2024, offering a vertical orientation that

saves up to 45% of desktop space.

- **Integrated 1TB NVMe M.2 SSD:** Provides high-speed data transfer at 10Gbps and expands storage capacity. *Note: The SSD is not removable.*
- **4K@60Hz HDMI Output:** Connect to a 4K monitor for stunning visual experiences, ideal for video editing and presentations.
- **Comprehensive Port Selection:** Includes:
 - 1x USB-C (10Gbps)
 - 1x USB-A (10Gbps)
 - 1x USB-A (5Gbps)
 - 1x HDMI (4K@60Hz)
 - 1x Gigabit Ethernet (RJ45)
 - 1x PD100W USB-C for fast charging
 - SD/TF (3.0) Card Reader
- **Efficient Power Delivery:** PD100W USB-C port supports fast charging for compatible devices like MacBook Pro/Air.
- **Wide Compatibility:** Works seamlessly with macOS, Windows, Linux, and Android operating systems.
- **Convenient Power Switch:** Easy access to the power switch at the bottom for convenient operation.

Wider Connectivity

10 high-performance ports for seamless expansion



Figure 2.1: Detailed view of the ORICO Minidock's various high-performance ports for seamless expansion.

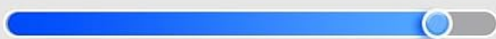
Expanding Storage Capacity

Built-in ORICO J10 1T NVMe M.2 SSD for easy storage



Max. Read/Write Speed:

1000MB/s



J10 SSD **1TB**



Figure 2.2: The built-in 1TB NVMe M.2 SSD provides significant storage expansion with high read/write speeds.

3. SETUP GUIDE

1. **Unpack the Device:** Carefully remove the ORICO Minidock from its packaging.
2. **Position the Mac mini:** Place your Mac mini M4 securely into the vertical slot of the Minidock. Ensure it is seated correctly for optimal stability and connection.
3. **Connect to Mac mini:** Use the provided USB-C to USB-C cable to connect the "PC IN" port on the Minidock to a

Thunderbolt/USB-C port on your Mac mini. This connection enables data transfer and power delivery.

4. **Connect Peripherals:**

- **Display:** Connect your monitor to the HDMI port on the Minidock using an HDMI cable.
- **Network:** For a wired internet connection, connect an Ethernet cable to the RJ45 Gigabit Ethernet port.
- **USB Devices:** Plug in your USB-A and USB-C peripherals (keyboards, mice, external drives, etc.) into the corresponding ports.
- **SD/TF Cards:** Insert your SD or TF cards into the dedicated card reader slots.

5. **Power Connection (Optional for PD):** If you require PD100W fast charging for a laptop or other device, connect a compatible USB-C power adapter to the PD100W USB-C port on the Minidock.

6. **Power On:** Press the power button located at the bottom of the Minidock to activate the hub.

MiniDock for Mac mini 2024

Perfect fit with nonslip features and vertical design, saving 45% of desk space

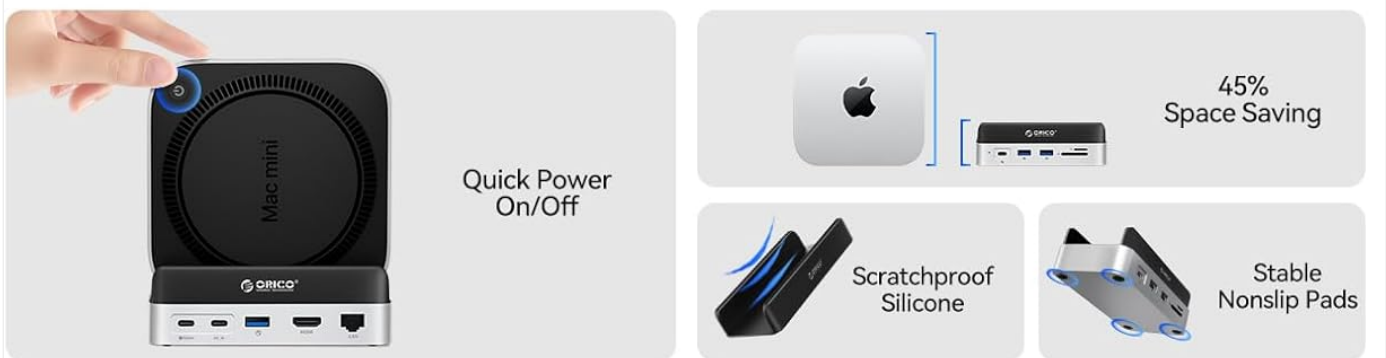


Figure 3.1: The vertical design of the Minidock saves desktop space and offers convenient access to the power switch.

4. OPERATING INSTRUCTIONS

4.1 Using the Integrated SSD

The built-in 1TB NVMe M.2 SSD will appear as an external drive on your operating system once the Minidock is connected. You can use it for high-speed data storage, backups, or running applications. For optimal performance, ensure your Mac mini's USB-C port supports 10Gbps data transfer.

4.2 Connecting a 4K Monitor

Connect your 4K monitor to the HDMI port on the Minidock. The dock supports 4K resolution at 60Hz, providing a smooth and clear display. Ensure your HDMI cable is rated for 4K@60Hz to achieve the best visual quality.

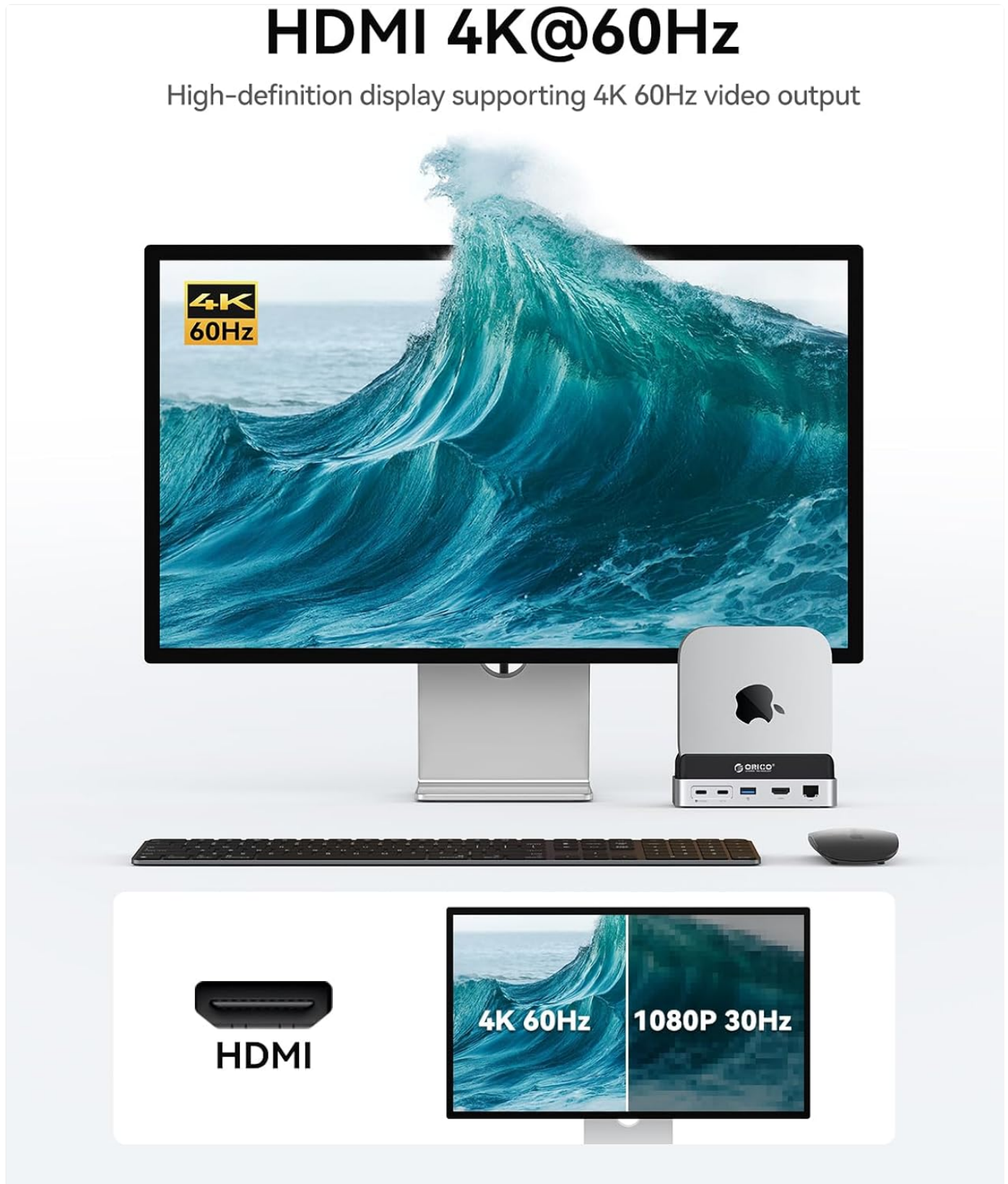


Figure 4.1: High-definition display support with 4K 60Hz video output via the HDMI port.

4.3 High-Speed Data Transfer

Utilize the 10Gbps USB-C and USB-A ports for rapid data transfer with compatible devices. This is ideal for transferring large files, such as video projects or extensive photo libraries.

10Gbps Data Transfer

With both USB-C and USB-A ports, daily tasks are easily handled

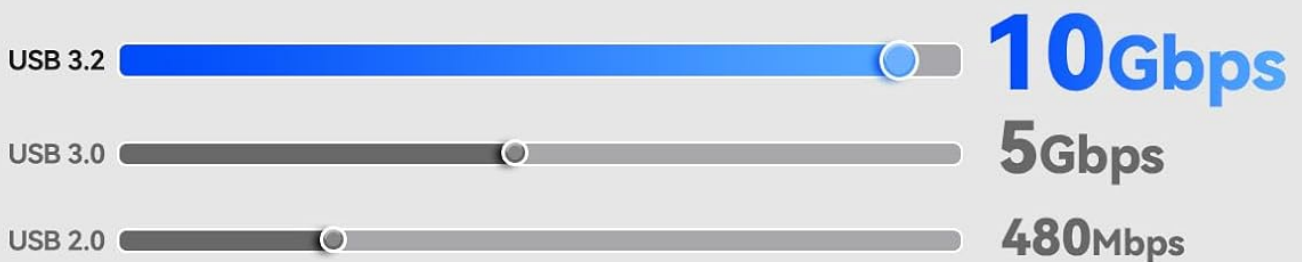
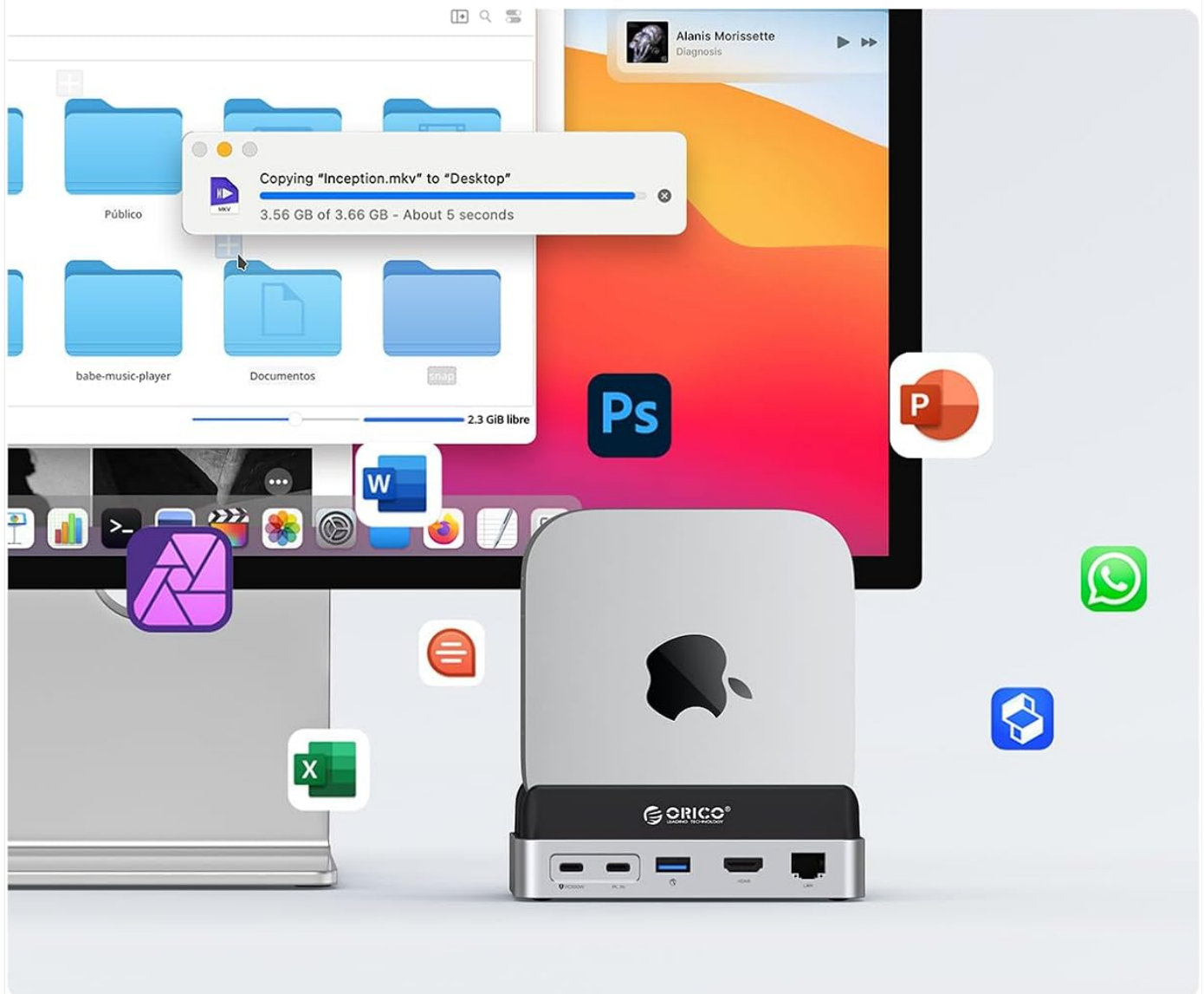


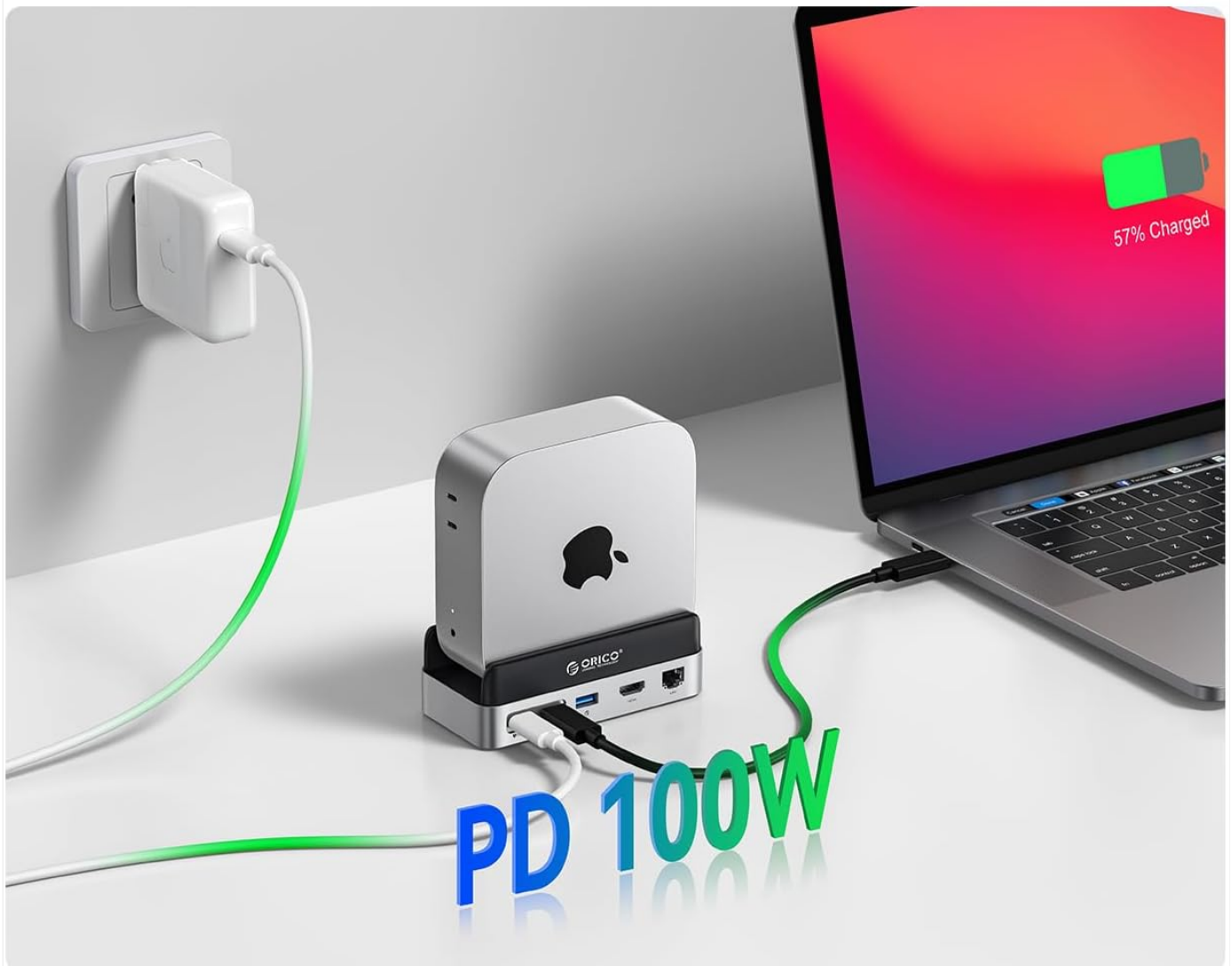
Figure 4.2: Illustrates the speed of 10Gbps data transfer with both USB-C and USB-A ports.

4.4 Power Delivery (PD)

The PD100W USB-C port allows for fast charging of your compatible laptop or other devices. Connect your device's charging cable to this port and ensure a suitable power adapter is connected to the Minidock's PD input.

PD100W USB-C Port

Supports PD100W fast charging, quickly replenishing power



30mins ⚡
80%

Figure 4.3: The PD100W USB-C port supports fast charging for quick power replenishment.

4.5 Card Reader Functionality

The integrated SD/TF (3.0) card reader allows for simultaneous reading of both SD and TF cards, providing convenient access to media from cameras or other devices.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Minidock. Avoid using liquid cleaners or aerosols that may damage the device.
- **Ventilation:** Ensure the ventilation areas of the Minidock are not obstructed to prevent overheating.
- **Storage:** When not in use for extended periods, store the Minidock in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Keep cables organized and untangled to prevent damage to ports or cables.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not recognized by Mac mini.	Loose connection, incorrect port, driver issue.	Ensure the USB-C cable is securely connected to both the Minidock's "PC IN" port and a Thunderbolt/USB-C port on your Mac mini. Try a different USB-C cable. Restart your Mac mini.
HDMI display not working.	Loose HDMI cable, incorrect input on monitor, incompatible resolution.	Check HDMI cable connections. Ensure your monitor is set to the correct input source. Try a different HDMI cable. Verify your monitor supports the output resolution (e.g., 4K@60Hz).
USB devices not functioning.	Device requires more power than available, faulty USB device, loose connection.	Ensure the USB device is properly connected. If it's a high-power device, try connecting it directly to the Mac mini or using a powered USB hub. Test with another USB device.
Slow data transfer speeds.	Using a lower speed port, cable limitation, drive performance.	Ensure you are using the 10Gbps USB-C or USB-A ports for high-speed transfers. Verify your cables and connected devices support the desired speed. The integrated SSD's speed is up to 1000MB/s.
Integrated SSD not appearing.	Connection issue, unformatted drive.	Ensure the Minidock is properly connected to the Mac mini. Check Disk Utility (macOS) or Disk Management (Windows) to see if the drive is detected but unformatted. If so, format it.

7. SPECIFICATIONS

Feature	Detail
Brand	ORICO
Model Number	ORICO-VSP10-1T-SV-EP
Product Dimensions	3.94 x 1.38 x 3.94 inches (100 x 35 x 100 mm approx.)
Item Weight	11.6 ounces (approx. 329g)
Hardware Interface	USB-C, USB-A, HDMI, RJ45 (Ethernet), SD/TF Card Slots
Total USB Ports	1x USB-C (10Gbps), 1x USB-A (10Gbps), 1x USB-A (5Gbps) for data; 1x USB-C for PD input
Data Transfer Speed	Up to 10Gbps (USB-C, USB-A), 1000MB/s (SSD)
Video Output	HDMI 4K@60Hz
Ethernet	Gigabit Ethernet (1000Mbps)

Feature	Detail
Power Delivery	PD100W (USB-C input)
Storage	Built-in 1TB NVMe M.2 SSD (non-removable)
Compatible Devices	Mac mini M4, Desktops (with compatible USB-C port)
Supported Systems	macOS, Windows, Linux, Android

8. PRODUCT VIDEOS

Watch these official product videos for a visual guide on the ORICO Minidock's features and usage.

ORICO Mac Mini M4 Dock Overview

Your browser does not support the video tag.

This video provides a comprehensive overview of the ORICO Mac Mini M4 Dock, highlighting its design, connectivity, and how it integrates with the Mac mini to save space and expand capabilities.

ORICO MiniDock VS Series Comparison

Your browser does not support the video tag.

This video compares different models within the ORICO MiniDock VS series, showcasing their features and differences to help users understand the product line.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ORICO website or contact their customer service directly. The manufacturer's website is www.orico.cc.

Manufacturer: SHENZHEN ORICO TECHNOLOGIES CO.,LTD

