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› ORICO MiniDock and Stand User Manual

ORICO ORICO-VS10-SV-EP

ORICO MiniDock and Stand User Manual

Model: ORICO-VS10-SV-EP

INTRODUCTION

The ORICO MiniDock is a versatile 10-in-1 aluminum hub specifically designed for the Mac mini M4 (2024 models). It features a vertical stand design that optimizes desk space and provides convenient access to your Mac mini's ports. This manual provides detailed instructions for setup, operation, and maintenance of your MiniDock.



Image: ORICO MiniDock with Mac mini M4 in vertical orientation.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1x ORICO MiniDock
- 1x Data Cable (USB-C to USB-C)
- 1x User Manual
- 1x Screwdriver (for SSD installation)
- 2x Thermal Paste (for SSD heat dissipation)
- Spare screws (for SSD installation)

Packing List



- | | | | | | |
|----------|-------------|----------|-------------|----------|---------------|
| 1 | MiniDock | 2 | Box | 3 | Data Cable |
| 4 | User Manual | 5 | Screwdriver | 6 | Thermal Paste |

Image: All components included in the ORICO MiniDock package.

PRODUCT FEATURES AND PORTS

The MiniDock offers comprehensive connectivity and expansion capabilities:

- **Front Ports:**

- 1x USB-C (10Gbps)
- 1x USB-A (10Gbps)
- 1x USB-A (5Gbps)
- 1x SD Card Reader (SD 3.0)
- 1x TF Card Reader (TF 3.0)

- **Rear Ports:**

- 1x USB-C (PD100W) - Power Delivery up to 100W
- 1x USB-C (PC IN) - Connects to Mac mini
- 1x USB-A (5Gbps)
- 1x HDMI (4K@60Hz) - Video Output
- 1x LAN (Gigabit Ethernet - 1000Mbps)

- **Internal Storage:**

- 1x M.2 NVMe/SATA SSD Slot (supports up to 8TB expansion)

Wider Connectivity

10 high-performance ports for seamless expansion



Image: Front view of the ORICO MiniDock showing USB-C, USB-A, SD, and TF card slots.

Expanding Storage Capacity

DIY assemble with up to 8TB, personalize with your own internal SSD



Compatible Size



Compatible Type



Image: Rear view of the ORICO MiniDock showing PD100W, PC IN, USB-A, HDMI, and LAN ports.

SETUP GUIDE

1. M.2 SSD Installation (Optional)

The MiniDock supports M.2 NVMe/SATA SSDs for storage expansion. Follow these steps to install an SSD:

1. Flip the MiniDock upside down to access the SSD compartment.
2. Use the provided screwdriver to unscrew the single screw securing the SSD compartment cover.
3. Carefully remove the cover.
4. If using, peel off the protective film from the provided thermal paste and apply it to your M.2 SSD.
5. Insert your M.2 SSD into the slot, ensuring it is properly aligned.
6. Secure the SSD with the small screw provided in the package.
7. Replace the compartment cover and secure it with the screw.

10Gbps Data Transfer

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

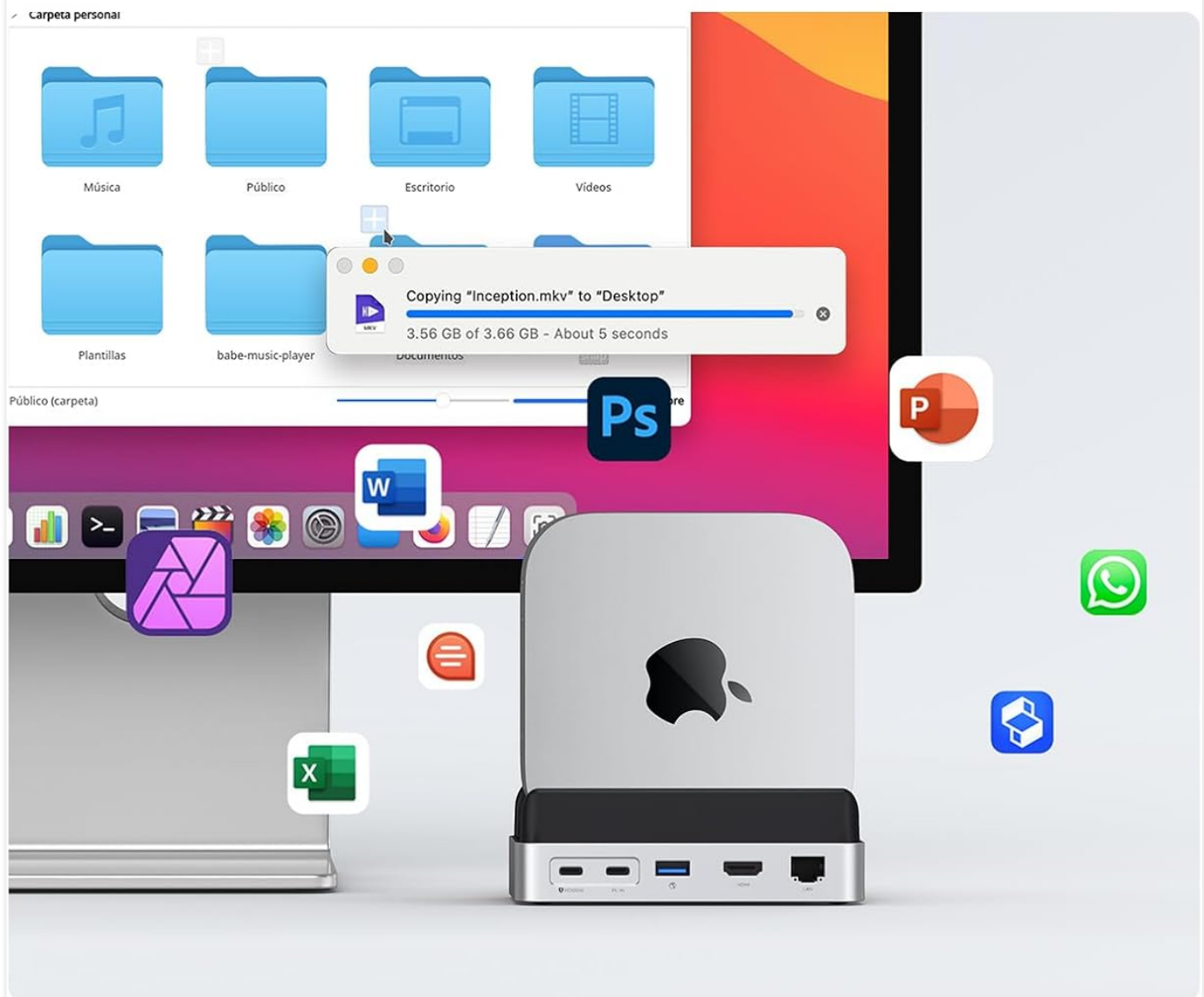


Image: Diagram showing the M.2 SSD installation process in the MiniDock.

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Video: ORICO MiniDock SSD Installation Tutorial. This video demonstrates the step-by-step process of installing an M.2 SSD into the MiniDock's dedicated slot, including applying thermal paste and securing the drive.

2. Connecting to Mac mini

To connect your Mac mini to the MiniDock:

1. Gently slide your Mac mini into the vertical stand of the MiniDock. Ensure the Apple logo on your Mac mini faces the front ports of the MiniDock (USB-C, USB-A, SD/TF slots).
2. Connect one end of the provided USB-C to USB-C data cable to the "PC IN" port on the rear of the MiniDock.
3. Connect the other end of the data cable to a USB-C port on the rear of your Mac mini.
4. The MiniDock is now ready for use.

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Video: ORICO Mac Mini M4 Dock. This video illustrates how to properly seat the Mac mini into the dock and connect the necessary cables for full functionality.

OPERATING INSTRUCTIONS

Data Transfer

Utilize the high-speed USB-C (10Gbps) and USB-A (10Gbps) ports for rapid data transfer. Simply connect your external drives, USB sticks, or other peripherals to the corresponding ports on the MiniDock. The integrated M.2 SSD also provides fast read/write speeds for expanded storage.

Compact and Lightweight

Palm-sized and perfect for on-the-go convenience



Image: A Mac mini connected to the MiniDock, demonstrating high-speed data transfer with external devices.

Display Connection

Connect an external display to the HDMI port on the rear of the MiniDock. It supports 4K resolution at 60Hz for a clear and smooth visual experience, ideal for video editing or presentations.

HDMI 4K@60Hz

High-definition display supporting 4K 60Hz video output



Image: The MiniDock connected to a 4K monitor via HDMI, showcasing its display capabilities.

MAINTENANCE

To ensure the longevity and optimal performance of your ORICO MiniDock, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Ensure proper ventilation around the MiniDock to prevent overheating, especially when using the M.2 SSD.

- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself, as this may void the warranty and cause damage.

TROUBLESHOOTING

If you encounter issues with your MiniDock, refer to the following common solutions:

- **No Power/Connectivity:**
 - Ensure the USB-C to USB-C data cable is securely connected to both the MiniDock's "PC IN" port and your Mac mini's USB-C port.
 - Verify that your Mac mini is powered on.
- **SSD Not Detected:**
 - Confirm the M.2 SSD is correctly installed and secured in its slot.
 - Check if the SSD is properly formatted for macOS. You may need to use Disk Utility to format it.
 - Ensure the thermal paste is correctly applied and not interfering with connections.
- **External Display Issues:**
 - Verify the HDMI cable is securely connected to both the MiniDock and the display.
 - Check your Mac mini's display settings to ensure the external monitor is detected and configured correctly.
 - Ensure the display supports 4K@60Hz if you are attempting that resolution.
- **Slow Data Transfer:**
 - Ensure you are using the 10Gbps USB-C or USB-A ports for high-speed transfers.
 - Check the specifications of your external device and cable to ensure they support 10Gbps speeds.

SPECIFICATIONS

Product Dimensions	5.31 x 2.56 x 1.71 inches
Item Weight	11.3 ounces
Model Number	ORICO-VS10-SV-EP
Hardware Interface	MicroSD, USB 3.0 Type A, Ethernet, HDMI, USB 3.2 Gen 2x2
Compatible Devices	Mac Mini M4 Pro, Mac Mini M4
Total USB Ports	6
Number of Ports	9 (10-in-1 hub functionality)

Total HDMI Ports	1
Manufacturer	SHENZHEN ORICO TECHNOLOGIES CO.,LTD

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ORICO website or contact their customer service directly. Specific warranty terms may vary by region.

Contact information is typically available in the included User Manual or on the manufacturer's website.

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