

Minisopuru DS802PRO

Minisopuru DS802PRO iMac Hub Instruction Manual

Model: DS802PRO | Brand: Minisopuru

1. INTRODUCTION

The Minisopuru DS802PRO iMac Hub is designed to expand the connectivity and storage capabilities of your iMac 24-inch (M1/M3/M4 models). This all-in-one docking station integrates essential ports and an M.2 SSD enclosure, providing a seamless and efficient workspace solution.

2. PRODUCT FEATURES

- **4K@60Hz HDMI Output:** Supports high-definition video output for multi-screen expansion, enhancing productivity.
- **2.5GbE Ethernet:** Provides a stable and fast wired network connection, 2.5 times faster than standard Gigabit Ethernet.
- **Dedicated 7.5W USB-C Charging:** Convenient front-facing USB-C port for charging peripherals.
- **Relocated Audio Port:** Easily accessible 3.5mm audio port on the side for headphones or speakers.
- **M.2 SSD Enclosure:** Supports M.2 NVMe or M.2 SATA SSDs (2230/2242/2260/2280) up to 4TB for expanded storage (SSD not included). Max 10Gbps transfer speed.
- **High-Speed USB Ports:** Includes 2x USB-A 2.0 (Max 480Mbps), 1x USB-A Gen2 (Max 10Gbps), and 1x USB-C Gen2 (Max 10Gbps) for various peripherals.
- **SD/TF Card Slots:** High-speed slots for convenient data transfer from SD and MicroSD cards.
- **All-in-One Design:** Hidden bottom design integrates perfectly with the iMac stand, maintaining a clean desktop aesthetic. Features anti-slip pads for device safety.

ALL-IN-ONE USB C DOCK

Note: The dual USB-C connectors of this product are only suitable for iMac M1/M3/M4

USB C 2.0

Max 7.5W / Max 480Mbps

Audio

3.5mm

SSD Slot

Support M.2 NVMe & SATA SSD
(Max 10Gbps / Max 4TB)
(2230/2242/2260/2280)

***SSD Not Included**

HDMI 2.0

Max 4K@60Hz

USB A 2.0 x 2

Max 480Mbps

USB C Gen2

Max 10Gbps(Only Data)

USB A Gen2

Max 10Gbps(Only Data)

SD / TF

104 MB/s

Dual USB C 3.2 Gen2 Port

Max 10Gbps

Only for iMac M1/M3/M4

2.5GbE Ethernet

Support 2500/1000/100/10Mbps

Figure 1: Overview of the Minisopuru DS802PRO iMac Hub and its various ports.

Max 4K@60Hz HDMI

high-definition output for enhanced efficiency



Figure 2: The hub supports 4K@60Hz HDMI output for enhanced multi-screen setups.

3. PACKAGE CONTENTS

- 1 x Minisopuru iMac Hub (DS802PRO)
- 1 x Cooling Pad
- 1 x User Manual
- 1 x Screwdriver
- Screws for SSD installation
- Thermal conductive silicone pad

4. SETUP & INSTALLATION

4.1. M.2 SSD Installation

1. Remove the bottom plate of the hub by unscrewing the screw.
2. Fix the nut onto the PCB slot.
3. Insert the SSD card into the M.2 slot and fix it with screws.

4. Apply the thermal conductive silicone pad onto the SSD.
5. Finally, close the bottom plate and tighten the screws.

Video 1: Detailed guide on how to install an M.2 SSD into the Minisopuru DS802PRO hub.

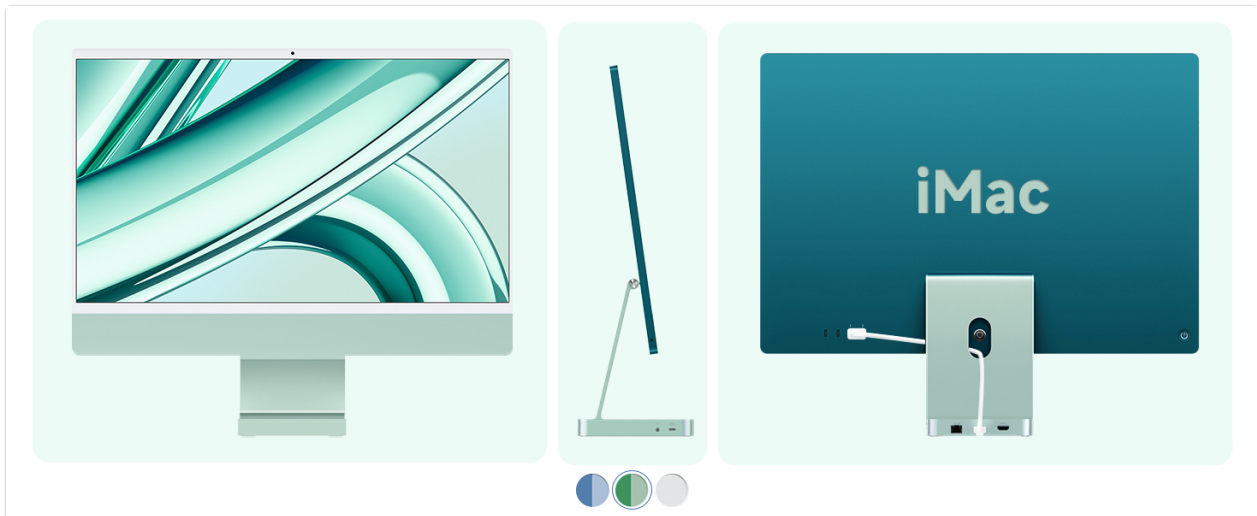


Figure 3: Step-by-step diagram for M.2 SSD installation.

4.2. Connecting to iMac

1. Place the Minisopuru DS802PRO hub directly under your iMac's stand.
2. Connect the integrated USB-C cable from the hub to one of the Thunderbolt/USB-C ports on the back of your iMac. Ensure a secure connection.
3. If your iMac (M1/M3) has four ports, connect at least one Thunderbolt port for optimal performance.

Video 2: Demonstration of connecting the Minisopuru DS802PRO hub to an iMac.



Figure 4: Recommended USB-C connection points for iMac models with four ports.

4.3. Formatting the SSD

After installing a new SSD, it needs to be formatted by your iMac to be recognized and usable. Follow these steps:

1. Connect the hub to your iMac.
2. When prompted, select 'Initialize' for the new disk.
3. In Disk Utility, select the newly installed SSD.
4. Choose 'Erase' and select a suitable format (e.g., APFS or Mac OS Extended (Journaled)) and scheme

(e.g., GUID Partition Map).

5. Rename the drive if desired (e.g., 'TM Backups').
6. Confirm the erase process. Once complete, the SSD will be ready for use.

Video 3: Instructions on how to format an SSD for use with your iMac.

5. OPERATING INSTRUCTIONS

5.1. Port Usage

The Minisopuru DS802PRO provides a variety of easily accessible ports on its front and sides:

- **SD/TF Card Slots:** Insert your SD or MicroSD cards for quick data transfer.
- **USB-A 2.0 Ports:** Connect standard USB devices like keyboards, mice, or older peripherals.
- **USB-A Gen2 Port:** For high-speed data transfer devices up to 10Gbps.
- **USB-C Gen2 Port:** For high-speed data transfer and 7.5W charging of compatible USB-C devices.
- **HDMI 2.0 Port:** Connect an external monitor for 4K@60Hz video output.
- **2.5GbE Ethernet Port:** Connect an Ethernet cable for a stable and fast internet connection.
- **3.5mm Audio Port:** Connect headphones or external speakers.

5.2. Display Modes (HDMI)

When connecting an external monitor via HDMI, you can configure your display settings on your iMac:

- **Mirror Mode:** Duplicates your iMac's display on the external monitor.
- **Extend Mode:** Extends your desktop across both displays, allowing for more workspace.

5.3. Selecting Audio Output

If you connect headphones or speakers to the hub's audio port, you may need to manually select it as the output device on your iMac:

1. Go to System Settings (or System Preferences) on your iMac.
2. Navigate to 'Sound' and then 'Output'.
3. Select the connected audio device (e.g., 'USB Audio Device' or similar) from the list.

Video 4: Guide on how to select the correct audio output on your iMac when using the hub.

6. SPECIFICATIONS

Feature	Detail
Model	DS802PRO
Compatibility	iMac 24-inch M1/M3/M4 (2021/2023/2024)
HDMI Output	4K@60Hz
Ethernet	2.5GbE (2500/1000/100/10Mbps)
USB-C Charging	7.5W (Dedicated port)
M.2 SSD Support	NVMe/SATA, Max 4TB, 10Gbps (2230/2242/2260/2280)

USB-A Ports	2x USB-A 2.0 (480Mbps), 1x USB-A Gen2 (10Gbps)
USB-C Ports	1x USB-C Gen2 (10Gbps)
Card Slots	SD, TF (High-speed)
Audio Port	3.5mm
Dimensions	7.24 x 7.2 x 1.65 inches
Weight	1.1 pounds (approx. 375g)
Cable Length	15.7 inches

7. TROUBLESHOOTING

- **Device Not Recognized:** Ensure all USB-C connections between the hub and your iMac are secure. Try disconnecting and reconnecting the hub.
- **SSD Not Appearing:** Verify the M.2 SSD is correctly installed and securely fastened within the enclosure. Ensure the SSD has been properly formatted using Disk Utility (refer to Section 4.3).
- **Display Issues (HDMI):** Check the HDMI cable connection between the hub and your external monitor. Ensure your iMac's display settings are configured for the desired Mirror or Extend mode.
- **No Audio Output:** Confirm that the audio device connected to the hub's 3.5mm port is selected as the output device in your iMac's Sound settings (refer to Section 5.3).
- **Slow Data Transfer:** Ensure you are using the appropriate USB 3.0/Gen2 ports for high-speed devices. Check that your cables are also rated for high-speed transfer.

8. SAFETY & CARE

- Keep the device in a dry environment and away from direct sunlight.
- Avoid exposing the device to extreme temperatures or humidity.
- Do not attempt to disassemble, modify, or repair the device yourself. This may void your warranty and cause damage.
- Clean the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- The product has undergone 9 functional tests (High/Low Temperature, Temperature Cycle, Salt Spray, Swing, Plug-Unplug, Vibration, Drop, Overvoltage Charging Protection, Overcurrent Charging Protection) to ensure safety and durability.

9. WARRANTY & SUPPORT

For warranty information, technical support, or any inquiries regarding your Minisopuru DS802PRO iMac Hub, please refer to the contact details provided in the original product packaging or visit the official Minisopuru website.

<div><div>Minisopuru DisplayLink Docking Station Driver</div><div><div>DisplayLink Docking Station Driver</div><div><div>PLEASE NOTE:</div><div>Before using the Docking Station, be sure to install DisplayLink software on your device to ensure proper media display functionality. Click here to download the DisplayLink software for Windows. Click here to download the DisplayLink software for macOS. Click here to download the DisplayLink software for Ubuntu. Click here to download the DisplayLink software for Chrome OS.</div></div></div><div><div>For each system driver download, please click the corresponding link to download and install the driver.</div><div><div>Windows</div><div>macOS</div><div>Ubuntu</div><div>Chrome OS</div></div><div><div>For more information, please visit the DisplayLink website at displaylink.com.</div><div><div>© 2014 DisplayLink Corporation. All rights reserved.</div><div>DisplayLink is a registered trademark of DisplayLink Corporation.</div></div></div></div></div>	<div><div>Minisopuru DS808 DisplayLink Docking Station Driver Installation Guide</div><div>Official installation guide for the Minisopuru DS808 DisplayLink Docking Station driver, covering download and installation steps for various operating systems.</div></div>
<div><div>Minisopuru MD6950D DisplayLink Driver Download</div><div><div>PLEASE NOTE:</div><div>Before using the Docking Station, be sure to install DisplayLink software on your device to ensure proper media display functionality. Click here to download the DisplayLink software for Windows. Click here to download the DisplayLink software for macOS. Click here to download the DisplayLink software for Ubuntu. Click here to download the DisplayLink software for Chrome OS.</div></div></div> <div><div>For each system driver download, please click the corresponding link to download and install the driver.</div><div><div>Windows</div><div>macOS</div><div>Ubuntu</div><div>Chrome OS</div></div><div><div>For more information, please visit the DisplayLink website at displaylink.com.</div><div><div>© 2014 DisplayLink Corporation. All rights reserved.</div><div>DisplayLink is a registered trademark of DisplayLink Corporation.</div></div></div></div>	<div><div>Minisopuru MD6950D DisplayLink Driver Download and Installation Guide</div><div>Download and install the DisplayLink driver for the Minisopuru MD6950D docking station. This guide provides links for Windows, macOS, Android, Ubuntu, and Chrome OS, along with video instructions.</div></div>