Satechi ST-GNMMES

Satechi Mac mini M4 Hub & Stand User Manual

Model: ST-GNMMES

Introduction

The Satechi Mac mini M4 Hub & Stand with NVMe SSD Enclosure is designed to seamlessly integrate with your Mac mini M4 or M4 Pro, expanding its capabilities and connectivity. This versatile accessory provides additional storage options, multiple high-speed data ports, and a convenient SD card reader, all while maintaining the sleek aesthetic of your Mac mini.



The Satechi Mac mini M4 Hub & Stand, shown with a Mac mini placed on top, along with an NVMe SSD, USB drives, and an SD card, illustrating its various functionalities.



A banner image highlighting the key features of the Satechi Mac mini M4 Hub, including NVMe SSD enclosure, USB-A 3.2 (10Gbps), USB-A 2.0 (480Mbps), and SD Card Reader UHS-II (312MB/s).

Setup Guide

Follow these steps to set up your Satechi Mac mini M4 Hub & Stand:

1. **Placement:** Position the Satechi Mac mini M4 Hub on a stable, flat surface. Carefully place your Mac mini M4 or M4 Pro directly on top of the hub, ensuring it aligns properly with the recessed area.
2. **Connect Host Cable:** Connect the integrated USB-C host cable from the Satechi Hub to an available Thunderbolt/USB-C port on the back of your Mac mini.
3. **NVMe SSD Installation (Optional):**
   - Locate the removable cover on the bottom of the hub.
   - Gently remove the cover to expose the M.2 NVMe SSD slot.
   - Insert your M.2 NVMe SSD (2230/2242/2260/2280 sizes supported) into the slot. Secure it with the provided screw and screwdriver.
   - Apply the included thermal pad to the SSD for optimal heat dissipation.
   - Replace the cover securely.

   Note: SSD is not included with the hub.



This image demonstrates how the Satechi Hub integrates with the Mac mini, showing the underside of the Mac mini and the top of the hub, ready for connection.



A detailed view of the Satechi Mac mini M4 Hub's underside, illustrating the process of installing an M.2 NVMe SSD into its dedicated enclosure. Various SSD sizes (2230, 2242, 2260, 2280) are shown for compatibility reference.

Operating Instructions

The Satechi Mac mini M4 Hub provides convenient front-facing access to essential ports:

- **USB-A 3.2 Data Ports (2x):** Connect your high-speed USB-A peripherals for data transfer speeds up to 10Gbps.
- **USB-A 2.0 Data Port (1x):** Ideal for connecting standard USB-A devices with speeds up to 480Mbps.
- **SD Card Reader:** Insert your SD cards for rapid media access with UHS-II speeds up to 312MB/s. Ensure the SD card is inserted face up with the pins facing down.
- **NVMe SSD Enclosure:** Once installed, your M.2 NVMe SSD will function as expanded internal storage with speeds up to 10Gbps.

Important Notes:

- USB-A ports do not support CD readers, Apple SuperDrive, or iPad charging.
- It is recommended to connect one bus-powered device at a time to ensure stable performance.

Powering On Your Mac mini

The hub features a dedicated cutout for easy access to your Mac mini's power button, allowing you to effortlessly turn on your device without needing to reach around the back.



An overhead view of the Satechi Mac mini M4 Hub, highlighting its front-facing ports: SD-UHS-II (312MB/s), 2x USB-A 10Gbps, USB-A 480Mbps, and the M.2 NVMe SSD Enclosure (10Gbps). The USB-C Host Cable and Heat Dissipating Vents on the bottom are also indicated.



This image demonstrates the fast data transfer capabilities of the hub, showing a Mac mini connected to the hub and an SD card being inserted into the front slot, emphasizing 312 MB/s transfer speeds.



A close-up view showing a hand pressing the power button of the Mac mini, which is easily accessible through the Satechi Hub's design, highlighting user convenience.

Maintenance

To ensure optimal performance and longevity of your Satechi Mac mini M4 Hub & Stand, consider the following maintenance tips:

- **Cleaning:** Periodically wipe the exterior of the hub with a soft, dry, lint-free cloth to remove dust and fingerprints. Avoid using abrasive cleaners or solvents.
- **Cooling:** The hub features an optimized self-cooling design with bottom vents and a recessed area on top. Ensure these vents are not obstructed to allow for proper airflow and heat dissipation, complementing the Mac mini's ventilation system.
- **Environment:** Operate the hub in a well-ventilated area and avoid placing it in direct sunlight or near heat sources.



An illustrative image showing the heat dissipation from the Satechi Mac mini M4 Hub, with air flowing through the bottom vents to keep the device cool and maintain optimal performance.

TROUBLESHOOTING

If you encounter issues with your Satechi Mac mini M4 Hub & Stand, refer to the following common solutions:

- **SSD Not Detected:**
  - Ensure the M.2 NVMe SSD is correctly seated in the enclosure and secured with the screw.
  - Verify that the SSD is an M.2 NVMe (M Key) type, as other types may not be compatible.
  - Check the connection of the hub's host cable to your Mac mini.
- **USB-A Devices Not Working:**
  - Confirm that the device is compatible with the USB-A ports (e.g., not a CD reader, Apple SuperDrive, or iPad for charging).
  - If connecting multiple bus-powered devices, try connecting one at a time to avoid power issues.

- Ensure the hub is securely connected to your Mac mini.

- **Overheating Concerns:**
  - Ensure the bottom vents of the hub and the Mac mini's fan are not obstructed.
  - Operate the device in a well-ventilated area.

- **Wi-Fi Performance:**
  - The Satechi Mac mini M4 Hub is designed not to interfere with Wi-Fi signals. If you experience Wi-Fi issues, ensure no other external factors are causing interference.

SPECIFICATIONS

Feature	Specification
Model Number	ST-GNMMES
Product Dimensions	12.7cm (5in) L x 12.7cm (5in) W x 2.06cm (0.8in) H
Item Weight	6.8 ounces (192 Grams)
Color	Silver
Hardware Interface	USB Type C
Compatible Devices	Mac Mini M4 (2024), Mac Mini M4 Pro (2024)
Total USB Ports	3 (2x USB-A 10Gbps, 1x USB-A 480Mbps)
Number of Ports	5 (including SD Card Reader and NVMe SSD Enclosure)
NVMe SSD Support	M.2 NVMe SSD (M Key) in 2230/2242/2260/2280 sizes, up to 4TB
SD Card Reader Speed	UHS-II (up to 312MB/s)



This image showcases the streamlined design of the Satechi Mac mini M4 Hub, providing its precise dimensions (Length: 12.7cm/5in, Width: 12.7cm/5in, Height: 2.06cm/0.8in) and indicating the inclusion of a screw, screwdriver, and thermal pad for SSD installation.

Warranty and Support

Satechi products are designed for reliability and performance. Your Satechi Mac mini M4 Hub & Stand comes with the following:

- **2-Year Limited Warranty:** This product is backed by a 2-year limited warranty, protecting against defects in materials and workmanship under normal use.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please visit the official Satechi website or contact their dedicated customer support team. Refer to the packaging or Satechi's website for the most current contact information.

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