Satechi ST-MMSHS

Satechi Mac mini Hub & Type-C Stand with SSD Enclosure User Manual

Brand: Satechi | Model: ST-MMSHS

1. Introduction

The Satechi Mac mini Hub & Type-C Stand with SSD Enclosure is designed to seamlessly integrate with your Mac mini, providing expanded connectivity and additional storage options. This patented design elevates your Mac mini while offering convenient front access to essential ports and a built-in enclosure for an M.2 SATA SSD.

This manual provides detailed instructions for setting up, operating, and maintaining your Satechi Hub, along with troubleshooting tips and product specifications.



Figure 1.1: Satechi Mac mini Hub with Mac mini installed.

2. Setup Guide

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

1. **Placement:** Place your Satechi Hub on a stable, flat surface. Ensure adequate ventilation around the device.
2. **Mac mini Installation:** Carefully place your Mac mini (M2/M2 Pro, M1, 2020 Mac Mini, or Mac Studio) on top of the Satechi Hub. The hub is designed to align perfectly with the Mac mini's footprint.



Figure 2.1: Mac mini placement on the Satechi Hub.

3. **Connect to Mac mini:** Connect the integrated USB-C cable from the Satechi Hub to an available USB-C port on your Mac mini. This connection provides power and data transfer for the hub's functions.
4. **SSD Installation (Optional):**

   The hub includes a built-in enclosure for an M.2 SATA SSD (SSD not included). This is for storage expansion without adding clutter.

- Locate the SSD enclosure slot, typically on the underside or side of the hub.
- Insert your M.2 SATA SSD into the slot. Ensure it is properly seated.
- Secure the SSD using the included screw and screwdriver. No additional tools are required.
- **Important Note:** This enclosure is compatible only with M.2 SATA SSDs. It does**not** work with NVMe SSDs.



Figure 2.2: M.2 SATA SSD installation.

5. **Connect Peripherals:** You can now connect your peripherals to the available ports on the front of the Satechi Hub.

Compatibility: The Satechi Mac mini Hub is compatible with M2/M2 Pro Mac Mini, M1 Mac Mini, Mac Studio, and 2020 Mac Mini models. It does not support 2018 & earlier Mac Mini models without USB-C ports.



Figure 2.3: Compatibility overview.

3. Operating Instructions

The Satechi Hub provides convenient access to various ports for your daily computing needs:

- **USB-C Data Port:** One USB-C data port (up to 5 Gbps) is available for connecting USB-C devices.*Note: This USB-C port does not support charging or video output.*
- **USB-A Data Ports:** Three USB-A data ports (up to 5 Gbps) are available for connecting standard USB-A devices. *Note: These USB-A ports will not support CD readers (including Apple SuperDrive) or charge iPads.*
- **Micro/SD Card Readers:** Integrated micro/SD card readers (UHS-I) allow for quick and easy transfer of photos and files from memory cards.
- **3.5mm Headphone Jack Port:** A 3.5mm audio jack is provided for connecting headphones or external speakers.



Figure 3.1: Front panel ports and indicators.

Power Consumption: When connecting bus-powered devices (devices that draw power directly from the USB port), it is recommended to connect only one such device at a time to ensure stable operation.

4. Maintenance

To ensure the longevity and optimal performance of your Satechi Mac mini Hub, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the surface of the hub. Avoid using abrasive cleaners, solvents, or aerosol sprays, which can damage the finish or internal components.
- **Environment:** Keep the hub in a dry environment, away from excessive heat, humidity, and direct sunlight.
- **Ventilation:** Ensure that the ventilation slots (if any) are not blocked to prevent overheating.
- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.

5. Troubleshooting

If you encounter issues with your Satechi Mac mini Hub, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
SSD not recognized or not working.	• Ensure the SSD is an M.2 SATA SSD. This hub is not compatible with NVMe SSDs. • Verify the SSD is correctly inserted and secured in the enclosure. • Check if the SSD is properly formatted for macOS. You may need to format it using Disk Utility.
USB devices not detected or working intermittently.	• Ensure the USB-C cable connecting the hub to your Mac mini is securely plugged in. • Try connecting the device to a different USB port on the hub. • If connecting multiple bus-powered devices, try connecting only one at a time. • Note that USB-A ports do not support CD readers (like Apple SuperDrive) or charging iPads.
USB-C port on hub not charging or displaying video.	• The USB-C data port on this hub is designed for data transfer only (up to 5 Gbps). It does not support power delivery (charging) or video output.
SD/MicroSD cards not recognized.	• Ensure the card is fully inserted into the correct slot. • Try a different card to rule out a faulty card. • Check if the card is damaged or corrupted.
Audio jack not working.	• Ensure your headphones or speakers are fully plugged into the 3.5mm jack. • Check your Mac mini's sound output settings to ensure the Satechi Hub's audio output is selected. • Test with another audio device to confirm the issue is with the hub or the audio device.

If the issue persists after trying these solutions, please contact Satechi customer support for further assistance.

6. Specifications

Feature	Detail
Model Number	ST-MMSHS
Compatibility	2023 Mac Mini M2/M2 Pro, 2022 Mac Studio, 2020 Mac Mini M1, 2020 Mac Mini (Does not support 2018 & earlier Mac Mini models)
SSD Enclosure	M.2 SATA SSD only (up to 2TB), not compatible with NVMe SSD

Feature	Detail
USB-C Data Port	1x USB-C (up to 5 Gbps data transfer, no charging/video)
USB-A Data Ports	3x USB-A (up to 5 Gbps data transfer, no CD reader/iPad charging support)
Card Readers	Micro/SD (UHS-I)
Audio Port	1x 3.5mm Headphone Jack
Dimensions (LxWxH)	7.76 x 7.76 x 0.69 inches (19.71 x 19.71 x 1.75 cm)
Weight	14.2 ounces (403 grams)
Color	Silver
Operating System	macOS



Figure 6.1: Product dimensions.

7. Warranty and Support

Satechi products are designed for reliability and performance. For detailed warranty information, please refer to the official Satechi website or the documentation included with your purchase.

User Manuals: Additional user guides and manuals may be available for download. You can find a PDF user guide at: Satechi User Guide (PDF) and a PDF user manual at: Satechi User Manual (PDF).

Customer Support: If you require technical assistance, have questions about your product, or need to report an issue, please visit the official Satechi support page or contact their customer service team. Contact information can typically be found on the Satechi website: Satechi Contact Page.

Satechi offers a 30-day money-back guarantee for products purchased directly from their website. For purchases made through Amazon, please refer to Amazon's return policy.

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