

Hagibis MC60H

Hagibis Mac mini M4 Hub & Stand with SSD Enclosure (MC60H) Instruction Manual

1. PRODUCT OVERVIEW

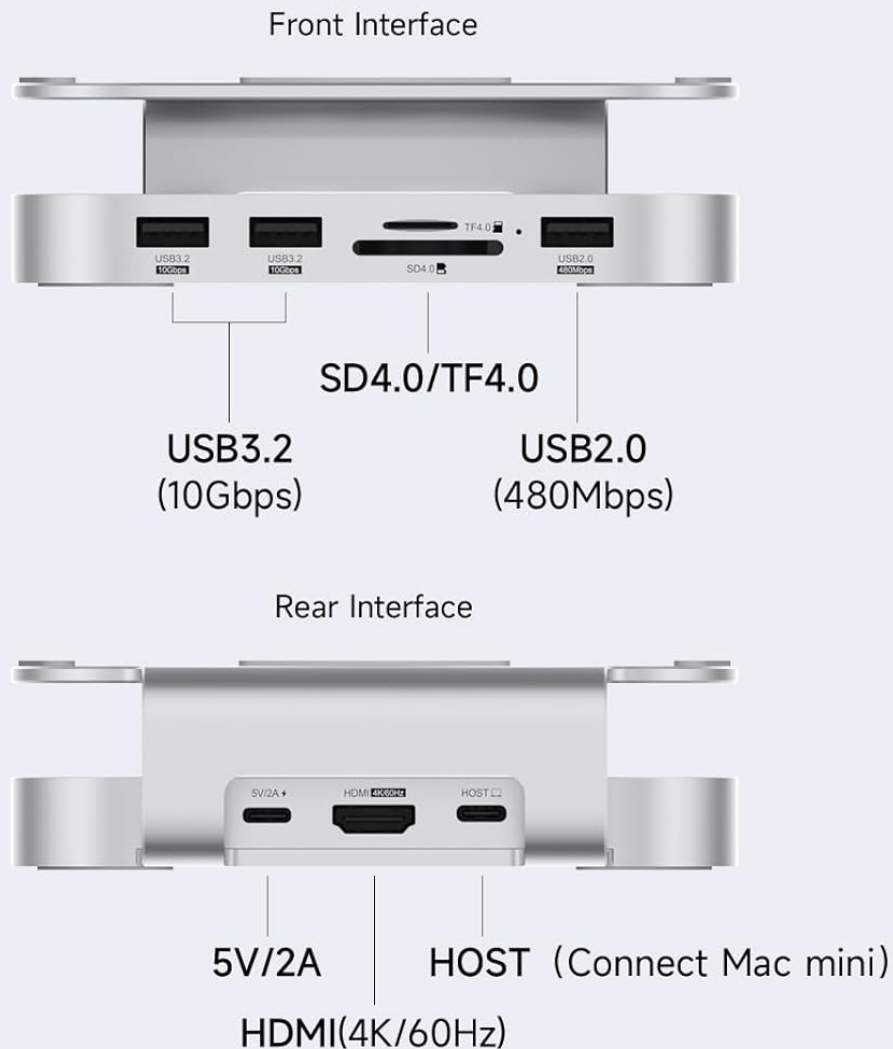
The Hagibis MC60H is a 3-in-1 USB Type-C Docking Station designed specifically for the Apple Mac mini M4. It functions as a hub, a stand, and an M.2 NVMe SSD enclosure, providing expanded connectivity and storage options. This device integrates seamlessly with your Mac mini M4, offering multiple ports including 4K@60Hz HDMI, 10Gbps USB3.2 Gen2, 480Mbps USB2.0, SD4.0, and TF4.0 card slots, along with a 5V/2A power supply port.

Its aluminum alloy construction ensures efficient heat dissipation, while the design includes a reserved hole for easy power-on of the Mac mini M4.

2. FEATURES

- **Integrated Design:** Functions as a hub, stand, and SSD enclosure for Mac mini M4.
- **Expandable Storage:** M.2 NVMe SSD enclosure supports 2230/2242/2260/2280 M.2 NVMe SSDs up to 8TB with speeds up to 10Gbps. (SSD not included)
- **Multiple Interfaces:**
 - 2 x USB3.2 Gen2 ports (10Gbps)
 - 1 x USB2.0 port (480Mbps)
 - 1 x 4K@60Hz HDMI port
 - 1 x SD4.0 card slot
 - 1 x Micro SD4.0 (TF4.0) card slot
 - 1 x 5V/2A power supply port
- **Efficient Heat Dissipation:** Constructed from aluminum alloy with a raised middle design for improved ventilation.
- **Convenient Power Access:** Features a reserved hole for easy access to the Mac mini M4's power button.
- **High-Speed Data Transfer:** USB3.2 Gen2 ports support 10Gbps read/write speeds.

Multifunction Extension



* The product has been updated to add a shielding layer, which will not interfere with the WIFI signal of Mac mini, please don't worry about it.

Figure 1: Front and Rear Interfaces of the Hagibis MC60H Hub. The front includes two USB 3.2 (10Gbps) ports, SD4.0 and TF4.0 card slots, and one USB 2.0 (480Mbps) port. The rear features a 5V/2A power input and a HOST connection port for the Mac mini.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Mac Mini M4 Docking Station (MC60H)
- USB-C to USB-C Cable
- Screwdriver

- Screws for SSD installation
- Thermal grease for SSD
- Power supply cable
- User Manual

Packing List



- | | | |
|-------------------|----------------------|---------|
| 1 Docking Station | 2 Manual | 3 Box |
| 4 C to C Cable | 5 Screwdriver | 6 Screw |
| 7 Thermal grease | 8 Power supply cable | |

Figure 2: Contents of the Hagibis MC60H package, including the docking station, cables, tools, and manual.

4. SETUP INSTRUCTIONS

4.1 Installing an M.2 NVMe SSD (Optional)

1. Locate the M.2 NVMe SSD enclosure on the bottom of the docking station.
2. Using the provided screwdriver, remove the screw securing the enclosure cover.
3. Carefully insert your M.2 NVMe SSD (2230/2242/2260/2280 compatible) into the slot.
4. Secure the SSD with the provided screw.
5. Apply thermal grease to the SSD for optimal heat dissipation.
6. Replace the enclosure cover and secure it with the screw.

Installe M.2 NVMe SSD Add Memory Quickly

Compatible with M.2 NVMe SSD and supports up to 8TB SSD
Supports four different specifications of SSD

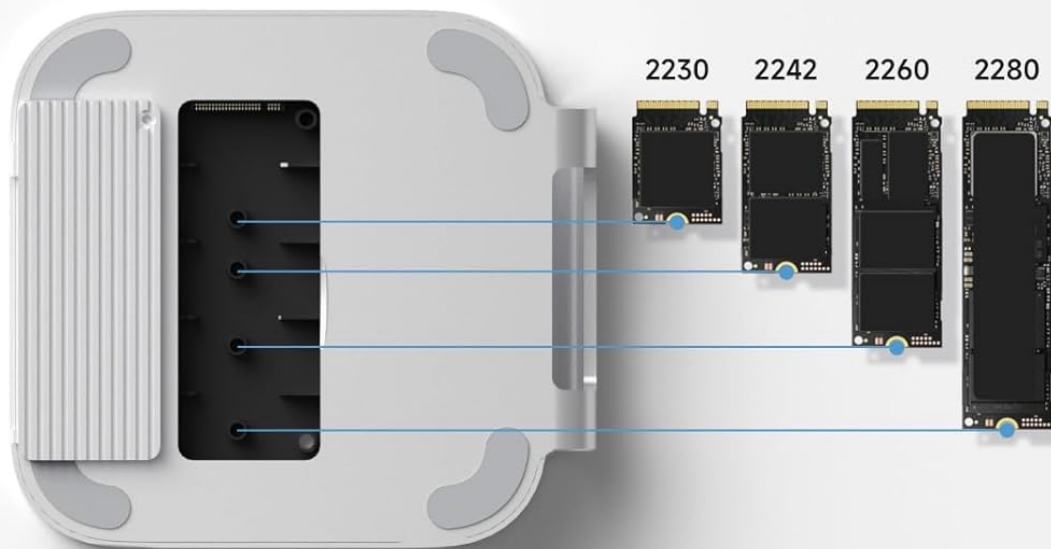


Figure 3: Diagram illustrating the installation of an M.2 NVMe SSD into the enclosure, showing compatibility with various SSD sizes (2230, 2242, 2260, 2280).

4.2 Connecting the Hub to your Mac mini M4

1. Place your Mac mini M4 securely on top of the Hagibis docking station. Ensure the reserved power-on hole on the stand aligns with the Mac mini's power button.
2. Connect the provided USB-C to USB-C cable from the 'HOST' port on the rear of the docking station to an available USB-C/Thunderbolt port on your Mac mini M4.
3. Connect the 5V/2A power supply cable to the corresponding port on the rear of the docking station and plug it into a power outlet. This provides stable power for connected devices and the SSD.
4. Connect any desired peripherals (monitor via HDMI, USB devices, SD/TF cards) to the available ports on the docking station.

Reserved Hole for Power On

The reserved hole at the bottom of the power button
Mac mini easy to power on



Reserved Hole
for Power On



Figure 4: The reserved hole on the docking station allows easy access to the Mac mini's power button for convenient power-on.

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Video 1: An unboxing and setup demonstration of the Hagibis Mac mini M4 Hub & Stand with SSD Enclosure. This video shows the contents of the box, how to install an SSD, and how to connect the hub to a Mac mini, highlighting the various ports and features.

5. OPERATING INSTRUCTIONS

5.1 Using USB Ports

Connect USB devices such as external hard drives, keyboards, mice, or other peripherals to the USB3.2 Gen2 (10Gbps) or USB2.0 (480Mbps) ports. For wireless keyboards or mice, it is recommended to use the USB2.0 port to minimize potential signal interference.

5.2 Using Card Readers

Insert SD or Micro SD (TF) cards into the respective SD4.0 and TF4.0 slots for high-speed data transfer. Ensure the card is inserted correctly to avoid damage.

5.3 Using HDMI Port

Connect an external display to the HDMI port using an HDMI cable. The hub supports 4K resolution at 60Hz, allowing for high-quality video output from your Mac mini M4.

5.4 Accessing Installed SSD

Once the SSD is installed and the hub is connected to your Mac mini, the SSD will appear as an external drive. You may need to format the SSD through Disk Utility on macOS if it's a new drive.

10Gbps High Speed Transfer

USB3.2 Gen2×1 supports 10Gbps read/write speed for fast transfer of large files



Figure 5: The Hagibis MC60H hub connected to a Mac mini, demonstrating high-speed data transfer via its USB 3.2 Gen2 ports.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or aerosols.
- **Ventilation:** Ensure the area around the docking station and Mac mini is clear to allow for proper airflow and heat dissipation. Do not block the ventilation openings.
- **Cable Management:** Keep cables organized and free from kinks or excessive bending to prevent damage.

- **Storage:** When not in use for extended periods, disconnect the power supply and store the device in a cool, dry place.

Alloy Material High Efficiency Heat Dissipation

Aluminum alloy material, good heat dissipation effect
Raise the middle for ventilation and heat dissipation



Tips: The bottom and stand are made of aluminum alloy,
the top cover of the docking station is ABS

Figure 6: Illustration of the aluminum alloy material and raised design contributing to efficient heat dissipation for the Mac mini and hub.

7. TROUBLESHOOTING

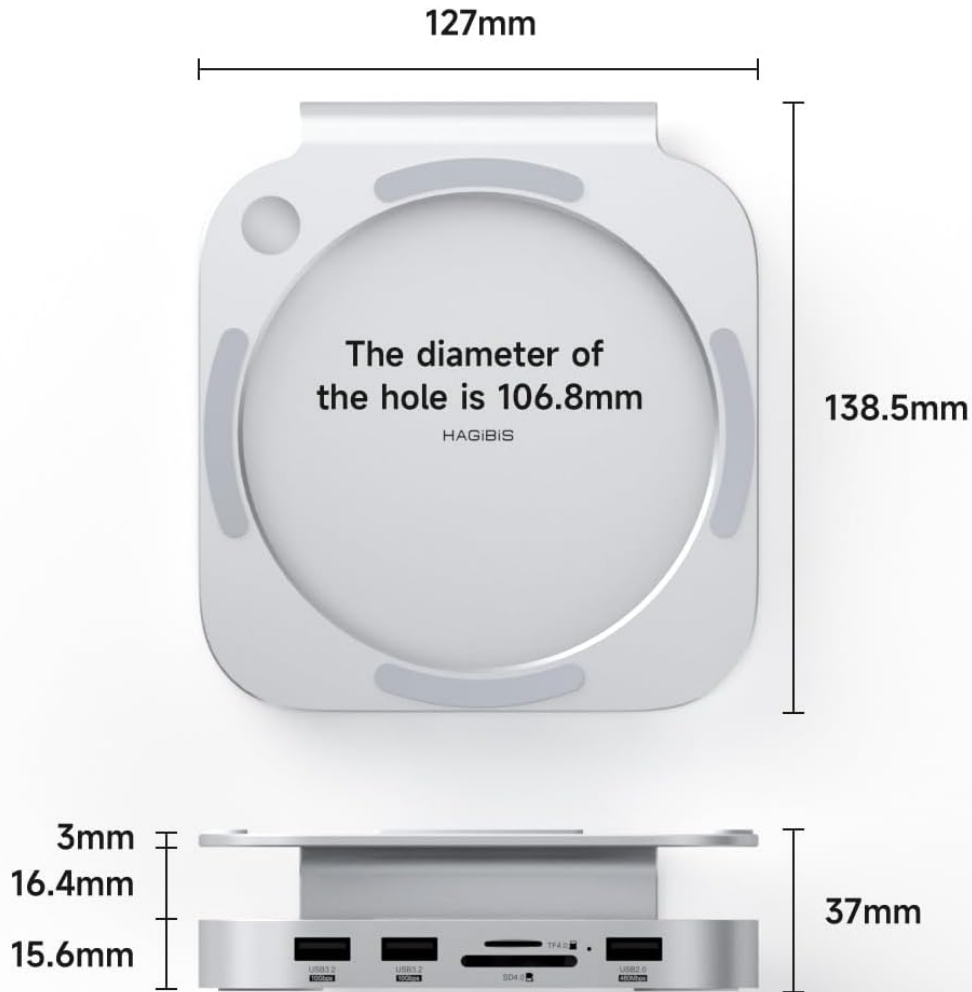
- **Device Not Recognized:**
 - Ensure all cables are securely connected, especially the USB-C host cable to the Mac mini.
 - Verify the 5V/2A power supply is connected and functioning.

- Try connecting the hub to a different USB-C/Thunderbolt port on your Mac mini.
- Restart your Mac mini.
- **SSD Not Appearing:**
 - Check the SSD installation to ensure it is seated correctly and secured.
 - For new SSDs, open Disk Utility on macOS to see if the drive is detected but unformatted. Format it if necessary.
 - Ensure the hub has sufficient power from the 5V/2A adapter.
- **Slow Data Transfer:**
 - Ensure you are using the USB3.2 Gen2 ports for high-speed devices.
 - Check the quality of your USB-C host cable; use the provided cable or a high-quality alternative.
 - Avoid connecting too many power-hungry devices simultaneously without adequate external power.
- **HDMI Display Issues:**
 - Verify the HDMI cable is securely connected to both the hub and the monitor.
 - Check monitor input settings.
 - Ensure your monitor supports the selected resolution and refresh rate.

8. SPECIFICATIONS

Specification	Detail
Model Number	MC60H
Material	Aluminum Alloy, ABS
Compatible Devices	Mac Mini M4
SSD Compatibility	M.2 NVMe SSD (2230/2242/2260/2280)
Max SSD Capacity	8 TB
USB3.2 Gen2 Ports	2 (10Gbps Data Transfer Rate)
USB2.0 Ports	1 (480Mbps Data Transfer Rate)
HDMI Output	1 (4K@60Hz)
Card Reader Slots	SD4.0, TF4.0 (Micro SD4.0)
Power Input	5V/2A
Product Dimensions	5.4 x 5 x 1.4 inches (137.2 x 127 x 35.6 mm)
Item Weight	3.9 ounces (110.6 g)

Product Parameters



Brand: HAGiBiS

Name: Docking Station

Color: Silver

Material: Aluminum Alloy+ABS

Applicable: Mac mini (M4 / M4 Pro)

Figure 7: Detailed product parameters including dimensions, brand, color, material, and applicable Mac mini models.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Hagibis website or contact their customer service directly. Keep your purchase receipt for warranty claims.