## Satechi ST-TCDHAS

# Satechi Aluminum Type-C Dual HDMI Adapter

### User Manual

### Model: ST-TCDHAS

## 1. Introduction

The Satechi Aluminum Type-C Dual HDMI Adapter is a versatile accessory designed to expand the display capabilities of your USB-C enabled device. It allows you to connect two external HDMI monitors for extended or mirrored display, supporting resolutions up to 4K at 60Hz. Additionally, it features a USB-C Power Delivery (PD) port, enabling pass-through charging for your host device while in use.




*Figure 1: Satechi Aluminum Type-C Dual HDMI Adapter*

This image shows the Satechi Aluminum Type-C Dual HDMI Adapter, a compact silver device with two HDMI ports and a short integrated USB-C cable.

## 2. Product Overview

Familiarize yourself with the adapter's components and ports:




*Figure 2: Adapter Ports and Connectors*

This image illustrates the Satechi adapter, pointing out its dual USB-C connectors for connection to the host device, two HDMI output ports for up to 4K 60Hz display, and a USB-C PD charging port for up to 60W power input.

- **Dual USB-C Connectors:** Connects to your compatible MacBook or other USB-C device.
- **2 x HDMI Output Ports:** Connect two external monitors for dual display. Supports 4K 60Hz resolution.
- **USB-C PD Charging Port:** Allows pass-through charging of your host device with up to 60W power input.

## 3. Key Features

- **Dual HDMI Display:** Enables stunning dual HDMI display with a convenient USB-C PD port, all in 4K 60Hz resolution.

- **Engineered for 4K Dual Display:** Features dual HDMI ports to connect two monitors for stunning, extended 4K 60Hz display. Requires a direct HDMI connection; will not work with VGA, DVI, or Thunderbolt displays. *Note: Dual display is not supported on Apple M1 Macs.*
- **Power Delivery:** Includes a convenient USB-C Power Delivery (PD) charging port to help minimize any downtime and keep your setup powered. Maximum output: 60W.
- **Sleek & Easy to Use:** Housed in modern yet durable aluminum, combined with a plug and play design for a truly effortless experience. No extra drivers or installation required. Includes a silicone cover to protect against heat when connecting 4K 60Hz displays and power.




*Figure 3: Dual 4K HDMI Display Setup*

This image demonstrates the adapter enabling a dual 4K HDMI display setup, connecting a MacBook to two external monitors for an extended workspace.




*Figure 4: USB-C Power Delivery in Use*

This image shows the adapter's USB-C Power Delivery port in use, allowing the laptop to charge while simultaneously connected to external displays.

## 4. Package Contents

Upon opening your Satechi Aluminum Type-C Dual HDMI Adapter package, you should find the following items:

- Satechi Aluminum Type-C Dual HDMI Adapter
- Silicone Protective Cover
- User Manual




*Figure 5: Package Contents*

This image displays the items typically found in the product package: the Satechi Dual HDMI Adapter, its silicone protective cover, and the included user manual.

## 5. Setup Instructions

Follow these steps to set up your Satechi Dual HDMI Adapter:

1. **Connect the Adapter to Your Device:** Plug the dual USB-C connectors of the Satechi adapter firmly into the compatible USB-C (Thunderbolt 3/4 or USB4) ports on your laptop or host device.
2. **Connect HDMI Displays:** Connect your HDMI cables from your external monitors to the two HDMI output ports on the Satechi adapter. Ensure the cables are securely connected.
3. **Connect Power (Optional but Recommended):** For optimal performance and to charge your host device, connect a USB-C power adapter (sold separately) to the USB-C PD charging port on the Satechi adapter.
4. **Configure Display Settings:** Once connected, your operating system should detect the new displays. Navigate to your device's display settings to configure display modes (e.g., extended desktop, mirrored display) and resolutions as desired.



*Figure 6: Connection Diagram*

This diagram illustrates the connection process: plug the adapter's dual USB-C connectors into your compatible device, then connect your HDMI displays to the adapter's HDMI ports. Optionally, connect a USB-C power adapter to the PD port for charging.

## 6. Operating Instructions

The Satechi Dual HDMI Adapter operates on a plug-and-play basis, requiring no additional drivers for basic functionality. Once connected, your operating system will manage the display output.

- **Extended Desktop Mode:** This mode allows you to expand your desktop across multiple screens, providing more workspace. Each monitor can display different content.
- **Mirrored Display Mode:** This mode duplicates your primary display onto the external monitors, showing the same content on all screens.

- **Power Delivery:** The USB-C PD port ensures your host device remains charged while connected to the adapter and external displays, provided a compatible USB-C power adapter is connected to the PD port.

*Important Note for Apple M1 Macs:* Due to limitations with the M1 chip architecture, dual extended display is not supported. M1 Macs will only support one external display in extended mode, or mirrored display across both external monitors.

## 7. Compatibility

The Satechi Aluminum Type-C Dual HDMI Adapter is compatible with a wide range of USB-C (Thunderbolt 3-4, USB4) devices, including but not limited to:

- M2/M1 MacBook Pro (Pro & Max) 14-inch, 16-inch
- M2/M1 MacBook Air
- 2016-2019 MacBook Pro
- 2018 MacBook Air
- M2/M1 iPad Pro
- M1 iPad Air
- 2022 10th-Gen iPad
- 2021 iPad Pro
- 2021 iPad Mini
- M2/M2 Pro Mac Mini
- 2022 Mac Studio
- M1 iMac
- 2019/2017 iMac
- iMac Pro
- 2015-2017 MacBook
- Microsoft Surface Laptop 3/Surface Pro 8/Go
- Google PixelBook Go
- ChromeBook
- Samsung Galaxy Tab Pro S
- HP Spectre Convertible
- Razer Blade
- Huawei Matebook

## 8. Specifications

| Attribute | Value |
| --- | --- |
| Product Dimensions | 2.63 x 1.88 x 0.75 inches |
| Item Weight | 1.95 ounces |

| | |
|---|---|
| Model Number | ST-TCDHAS |
| Manufacturer | Satechi |
| Connector Type | USB Type C |
| Color | Silver |
| Max Power Delivery | 60W |
| Max Display Resolution | 4K 60Hz (Dual HDMI) |

## 9. Troubleshooting

If you encounter issues with your Satechi Dual HDMI Adapter, please refer to the following common solutions:

- **No Display Output:**
  - Ensure all cables (USB-C to host, HDMI to monitors) are securely connected.
  - Verify that your host device's USB-C port supports video output (DisplayPort Alternate Mode).
  - Check your display settings on your host device to ensure the external monitors are detected and configured correctly.
  - Try restarting your host device.
- **Intermittent Display/Flickering:**
  - Ensure your HDMI cables are of good quality and rated for 4K 60Hz if you are using that resolution.
  - Reduce the display resolution or refresh rate to see if the issue persists.
  - Ensure the silicone protective cover is used to help manage heat, especially during prolonged use at high resolutions.
- **No Power Delivery/Charging:**
  - Ensure your USB-C power adapter is connected to the adapter's PD port and is functioning correctly.
  - Verify that your power adapter provides sufficient wattage (up to 60W supported by the adapter).
- **Dual Display Not Working on M1 Mac:**
  - As noted in the features, Apple M1 Macs do not support dual extended displays through this adapter. You can only use one external display in extended mode, or mirror the display across both external monitors.

## 10. Safety Information

Please read and follow these safety guidelines to ensure safe operation of your device:

- Keep the adapter away from water, fire, and high temperatures.
- Do not attempt to disassemble, repair, or modify the device.
- Avoid dropping or subjecting the adapter to strong impacts.

- Use only compatible cables and power adapters.
- The adapter may become warm during extended use, especially when driving 4K 60Hz displays and charging. This is normal. Use the provided silicone cover to help dissipate heat.

## 11. Warranty and Support

For warranty information, technical support, or to register your product, please visit the official Satechi website or contact Satechi customer service. You can find more information and contact details at www.satechi.com.

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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.

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