ADESSO AUH-4051-TAA

Adesso 11-in-1 USB-C Multiport Docking Station

Model: AUH-4051-TAA

Brand: ADESSO

Introduction

The Adesso AUH-4051-TAA 11-in-1 USB-C Multiport Docking Station is designed to significantly expand the connectivity of your USB-C enabled devices. This versatile docking station provides a comprehensive solution for connecting multiple peripherals, external displays, and network access, all while delivering power to your laptop. Its compact and durable design makes it an ideal companion for both desktop and mobile setups, ensuring enhanced productivity and a streamlined workspace.



Figure 1: Adesso AUH-4051-TAA Docking Station with included accessories.

Key Features

- **11-in-1 Versatile Connectivity:** Expands your device's connectivity with 3 USB 3.2 ports, 1 USB-C 3.2 port, 1 PD 100W charging port, 2 DisplayPort outputs, 1 HDMI 4K port, 1 RJ45 Ethernet, 1 3.5mm audio jack, and 1 peripheral lock port.
- **Triple Display Support:** Connect up to three monitors with dual 4K 60Hz DisplayPort outputs and one 4K 60Hz HDMI port, enabling a productive and immersive workspace perfect for multitasking and media creation.
- **High-Speed Data Transfer:** USB 3.2 Gen 2 ports deliver up to 10Gbps transfer speeds for rapid file sharing and device syncing, ensuring stable connectivity and efficient performance for external storage and peripherals.
- **Powerful Charging and Network Stability:** Supports up to 100W Power Delivery for fast laptop charging and an RJ45 Ethernet port for a reliable 1000Mbps wired internet connection, essential for stable online work and streaming.
- **Compact and Durable Design:** Lightweight and portable with a non-slip user-friendly design, ensuring a secure fit with USB-C ports. Compatible with Windows, Mac, and Android tablets. Made in Taiwan, it meets TAA compliance & Section 889 requirements for government and military use.

Package Contents

Please verify that all items are present in the package before proceeding with the setup.

- Adesso AUH-4051-TAA 11-in-1 USB-C Multiport Docking Station
- USB-C to USB-C Cable (for host connection)
- Quick Start Guide (or similar documentation)

Setup Instructions

Follow these steps to set up your Adesso AUH-4051-TAA docking station:

1. **Connect to Power (Optional but Recommended):** If your laptop requires charging via the docking station, connect a USB-C power adapter (not included, up to 100W) to the PD (Power Delivery) port on the docking station.
2. **Connect to Host Device:** Use the provided USB-C to USB-C cable to connect the docking station's host port to a compatible USB-C port on your laptop, tablet, or smartphone.
3. **Connect External Displays:**
    - For HDMI displays, connect an HDMI cable from your monitor to the HDMI port on the docking station.
    - For DisplayPort displays, connect DisplayPort cables from your monitors to the two DisplayPort outputs on the docking station.



Figure 2: Triple display setup with the docking station.

4. **Connect USB Peripherals:** Plug your USB devices (e.g., keyboard, mouse, external hard drives, USB flash drives) into the available USB 3.2 Type-A ports or the USB-C 3.2 port on the docking station.
5. **Connect to Network:** For a stable wired internet connection, connect an Ethernet cable from your router or modem to the RJ45 Gigabit Ethernet port on the docking station.



Figure 3: Gigabit Ethernet connectivity.

6. **Connect Audio Devices:** If desired, connect headphones or speakers to the 3.5mm audio jack.
7. **Peripheral Lock:** Utilize the peripheral lock port for added security, if applicable.

Your operating system should automatically detect and configure the docking station and connected devices. Drivers are typically not required for basic functionality on Windows, macOS, and Android.

Operating the Docking Station

Display Configuration

Once connected, your operating system will recognize the external displays. You can configure display settings (e.g., extend, duplicate, primary display) through your system's display settings:

- **Windows:** Right-click on the desktop and select "Display settings" or go to Settings > System > Display.
- **macOS:** Go to System Settings (or System Preferences) > Displays.

The docking station supports up to three external displays simultaneously. For optimal performance, ensure your host

device's USB-C port supports DisplayPort Alternate Mode (Alt Mode).

USB Device Usage

Simply plug your USB devices into the available USB 3.2 ports. The high-speed ports ensure quick data transfer for external storage and responsive performance for peripherals.

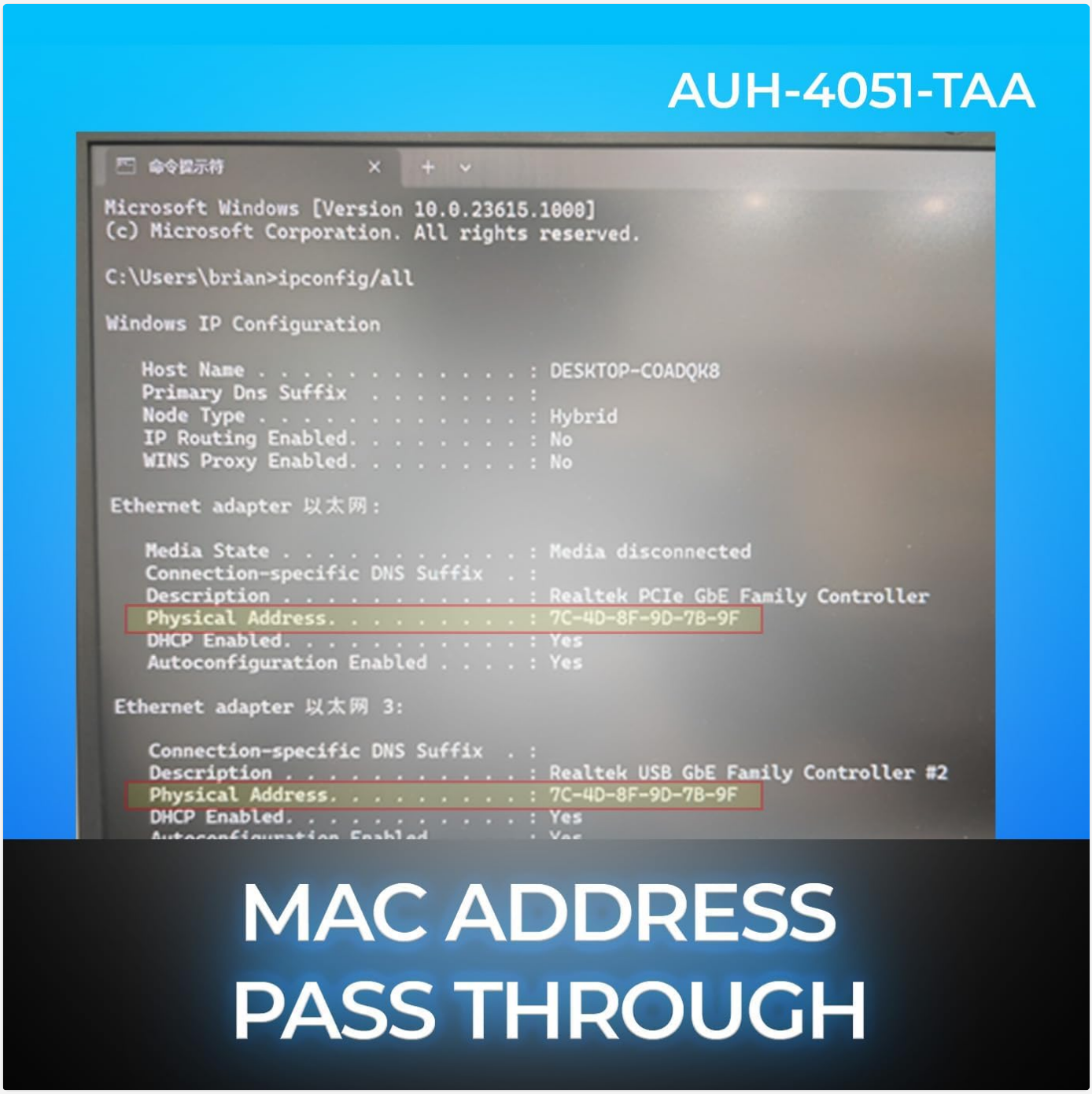


Figure 4: Ultra-fast USB connections.

Power Delivery

The PD 100W port allows you to charge your laptop through the docking station. Ensure your laptop's power adapter is connected to this port for charging functionality. The docking station itself does not provide power without an external power source connected to its PD input.



Figure 5: 100W Power Delivery capability.

Compatibility

The docking station is compatible with a wide range of devices, including Windows laptops, Apple MacBooks, and Android tablets/smartphones that feature a USB-C port with DisplayPort Alt Mode and Power Delivery capabilities.



Figure 6: Compatibility with desktop and mobile devices.

Maintenance

To ensure the longevity and optimal performance of your docking station, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the surface of the docking station. Avoid using harsh chemicals, cleaning solvents, or abrasive materials, as these may damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the docking station, as this will void the warranty and may cause damage.
- **Ventilation:** Ensure the docking station is placed in an area with adequate ventilation to prevent overheating, especially during prolonged use with multiple connected devices and displays.

Troubleshooting

If you encounter issues with your Adesso AUH-4051-TAA docking station, please refer to the following common solutions:

No Display Output / Flickering Display

- **Check Connections:** Ensure all display cables (HDMI, DisplayPort) are securely connected to both the docking station and the monitors.
- **Verify Host USB-C Port:** Confirm that your laptop's USB-C port supports DisplayPort Alt Mode. Not all USB-C ports have this capability.
- **Update Drivers:** Ensure your graphics drivers and USB-C drivers on your host device are up to date.
- **Resolution/Refresh Rate:** Try lowering the resolution or refresh rate of the external displays in your operating system's display settings. High resolutions (e.g., 4K) at high refresh rates (e.g., 60Hz) require significant bandwidth.
- **Power Supply:** Ensure the docking station is receiving adequate power, especially if multiple displays and power-hungry peripherals are connected.

USB Devices Not Recognized

- **Reconnect:** Disconnect and reconnect the USB device.
- **Try Different Port:** Test the device in another USB port on the docking station or directly on your host device to rule out a faulty port or device.
- **Power:** For high-power USB devices (e.g., external hard drives), ensure they have their own power supply if required, or that the docking station is connected to a power adapter.

No Network Connection (RJ45)

- **Cable Check:** Ensure the Ethernet cable is securely connected to both the docking station and your router/modem.
- **Router/Modem:** Verify that your router/modem is functioning correctly and providing internet access.
- **Driver:** While usually plug-and-play, ensure your operating system's network drivers are updated.
- **MAC Address Pass-Through:** The device supports MAC Address Pass-Through, which can be useful in corporate environments. Ensure your network settings are configured correctly if this feature is required.



Figure 7: MAC Address Pass Through functionality.

Laptop Not Charging

- **Power Adapter:** Ensure a compatible USB-C power adapter (up to 100W) is connected to the PD input port of the docking station. The docking station itself does not generate power.
- **Host Device Support:** Confirm your laptop supports charging via its USB-C port (USB-C Power Delivery).

Specifications

Feature	Detail
Model Number	AUH-4051-TAA
Connectivity	11-in-1 Multiport
USB Ports	3 x USB 3.2 Gen 2 Type-A (10Gbps), 1 x USB-C 3.2 Gen 2 (10Gbps)

Video Outputs	2 x DisplayPort (4K@60Hz), 1 x HDMI (4K@60Hz)
Power Delivery	Up to 100W (via USB-C PD input port)
Ethernet	RJ45 Gigabit Ethernet (10/100/1000Mbps)
Audio Jack	1 x 3.5mm Audio Jack
Security	1 x Peripheral Lock Port
Compatible Devices	Windows, macOS, Android devices with USB-C (DisplayPort Alt Mode & PD)
Dimensions	Approx. 6 x 6 x 3 inches (Package Dimensions)
Weight	Approx. 1.2 pounds
Compliance	TAA Compliant, Section 889 Compliant
Manufacturer	Adesso Inc

Warranty and Support

Adesso products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service, please refer to the official Adesso website or contact their customer support directly.
Adesso Official Website: www.adesso.com
Please have your product model number (AUH-4051-TAA) and purchase information ready when contacting support.

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Example: How do I reset this device or fix this error?

Details

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