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› [Targus](#) /

› Targus USB-C Dual HDMI 4K Docking Station with 100W PD Pass-Thru - User Manual

Targus DOCK423TT

Targus USB-C Dual HDMI 4K Docking Station User Manual

Model: DOCK423TT

1. INTRODUCTION

The Targus USB-C Alt. Mode Dual HDMI 4K Docking Station with 100W PD Pass-Thru is designed to transform your USB-C enabled laptop into a comprehensive workstation. This compact and portable docking station allows for seamless connectivity to dual HDMI monitors, a Gigabit Ethernet network, and various USB peripherals, enhancing productivity and multimedia experiences whether at home, in the office, or on the go.



Figure 1.1: The Targus USB-C Dual HDMI 4K Docking Station, showcasing its compact design and integrated USB-C cable.

2. KEY FEATURES

- **Dual 4K HDMI Display Support:** Connect two independent monitors with resolutions up to 4K, ideal for multitasking and extended desktop environments.
- **100W Power Delivery Pass-Through:** Power your laptop and connected devices through the dock by connecting your laptop's USB-C power adapter to the dock's USB-C port. (*Note: USB-C PD power adapter not included. Compatible PD 3.0 host required.*)
- **Gigabit Ethernet Connectivity:** Ensure stable and high-speed wired internet access for reliable network performance.
- **Multiple USB-A Ports:** Expand your connectivity with integrated USB-A ports for peripherals such as mice, keyboards, and external storage devices, supporting data transfer speeds up to 5Gbps.
- **SD and Micro SD Card Reader/Writer:** Conveniently access and transfer data from SD and Micro SD cards (Secure Digital v3.0 UHS-I format supported).
- **Compact and Portable Design:** Lightweight and slim, making it an excellent solution for mobile workers and

flexible workspaces.



Figure 2.1: Side view of the docking station highlighting the dual HDMI ports and SD/Micro SD card slots.



Figure 2.2: Opposite side view of the docking station, displaying the USB-A ports and the Gigabit Ethernet port.

3. PACKAGE CONTENTS

The package for the Targus USB-C Dual HDMI 4K Docking Station (DOCK423TT) typically includes:

- Targus USB-C Dual HDMI 4K Docking Station with integrated USB-C cable.

Note: Additional accessories such as HDMI cables, USB-C power adapters, and peripherals are sold separately.

4. SETUP GUIDE

Follow these steps to set up your Targus USB-C Dual HDMI 4K Docking Station:

1. **Connect to Host Device:** Plug the integrated USB-C cable from the docking station into an available USB-C port on your laptop or host device. Ensure your host device supports USB-C DisplayPort Alternate Mode (DP Alt Mode) for video output.

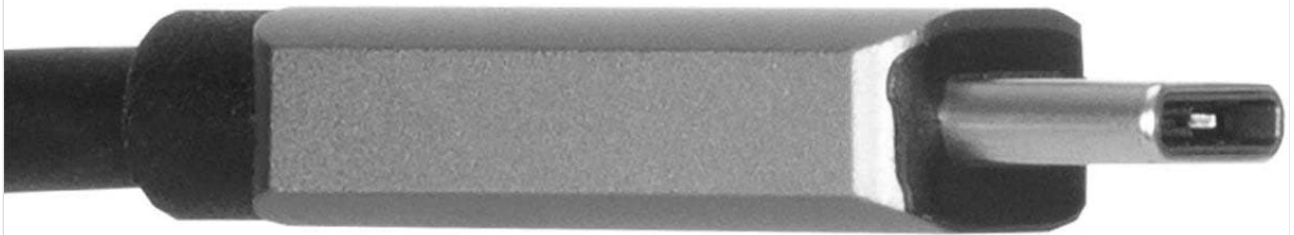


Figure 4.1: The USB-C connector for connecting to your laptop.

2. **Connect Displays:** Connect your HDMI monitors to the two HDMI ports on the docking station using HDMI cables (not included).
3. **Connect Power (Optional but Recommended):** If your laptop requires charging via the dock, connect your laptop's USB-C power adapter (not included) to the USB-C Power Delivery (PD) pass-through port on the docking station. This port supports up to 100W (20V/5A) charging.



Figure 4.2: The USB-C power pass-through port for charging your laptop.

4. **Connect Peripherals:** Plug your USB-A devices (e.g., keyboard, mouse, flash drives) into the available USB-A ports on the docking station.
5. **Connect to Network:** For a wired internet connection, connect an Ethernet cable from your router or modem to the Gigabit Ethernet port on the docking station.
6. **Insert Memory Cards:** If needed, insert your SD or Micro SD cards into the corresponding slots for data access.

5. OPERATING INSTRUCTIONS

Once connected, your operating system should automatically detect the docking station and connected devices. If not, ensure your laptop's drivers are up to date.

5.1. Display Configuration

The docking station supports two independent screens for Windows or Chromebook users. For iPadOS, it supports one independent screen. For macOS, it supports one independent screen or dual mirror mode.

- **Windows/Chromebook:** Access display settings to extend or duplicate your desktop across the connected monitors.

- **macOS/iPadOS:** Configure display settings for mirroring or extending (where supported) your screen.

5.2. USB Device Usage

Simply plug your USB-A peripherals into the available USB-A ports. The dock provides data transfer speeds of up to 5Gbps per port.

5.3. Card Reader Functionality

Insert your SD or Micro SD card into the appropriate slot. The card will appear as a removable drive in your computer's file explorer, allowing you to read and write data.

6. MAINTENANCE

To ensure the longevity and optimal performance of your docking station:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.

7. TROUBLESHOOTING

If you encounter issues with your docking station, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display on external monitor(s)	Incorrect display settings, incompatible host device, loose cable connection.	Ensure your laptop's USB-C port supports DP Alt Mode. Check all HDMI and USB-C connections. Adjust display settings on your computer (extend/duplicate).
Laptop not charging via dock	USB-C power adapter not connected or insufficient power, incompatible PD host.	Connect your laptop's original USB-C power adapter to the dock's PD port. Ensure your host device supports PD 3.0.
USB devices not recognized	Loose connection, driver issue, device power requirements.	Reconnect the USB device. Try a different USB port. Ensure your laptop's USB drivers are updated.
Ethernet connection unstable or absent	Loose cable, network driver issue.	Check Ethernet cable connection. Update network drivers on your laptop.

If the issue persists after trying these solutions, please contact Targus customer support.

8. TECHNICAL SPECIFICATIONS

- **Model Number:** DOCK423TT
- **Product Dimensions:** 4.5 x 2.25 x 0.5 inches
- **Item Weight:** 0.35 ounces
- **Video Output:** Dual HDMI 4K (requires USB-C DP Alt Mode host)

- **Power Delivery:** Up to 100W (20V/5A) pass-through (requires compatible PD 3.0 host and USB-C PD power adapter)
- **USB Ports:** Multiple USB-A ports (up to 5Gbps data transfer)
- **Network:** Gigabit Ethernet
- **Card Reader:** SD and Micro SD (Secure Digital v3.0 UHS-I format)
- **OS Compatibility:** Windows, Chromebook, iPadOS, macOS (display support varies by OS)
- **Manufacturer:** Targus Group International

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Targus website or contact their customer service directly. Specific warranty terms may vary by region and product registration.

Targus Official Website: www.targus.com