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› MOKiN Laptop Docking Station, 16 in 1 Dock Triple Monitor, USB C Docking Station with 3 HDMI, PD 100W, USB 3.1/3.0/2.0, RJ 45 Ethernet, SD/TF, Audio for Dell/HP/Lenovo, Matte Black

MOKiN 8541676446

MOKiN 16-in-1 USB C Docking Station User Manual

Brand: MOKiN | **Model:** 8541676446

Your versatile solution for expanded connectivity and productivity.

1. PRODUCT OVERVIEW

The MOKiN 16-in-1 USB C Docking Station is designed to transform your laptop into a powerful workstation, offering extensive connectivity options. It features multiple ports including 3 HDMI, PD 100W, Gigabit RJ45, USB 3.1/3.0/2.0, SD/TF card slots, and a 3.5mm audio port.



Figure 1: Overall view of the MOKiN 16-in-1 USB C Docking Station, showcasing its compact design and multiple ports.

16-in-1

Triple Display Docking Station



Figure 2: Detailed diagram of the MOKiN docking station with all ports clearly labeled for easy identification.

2. SETUP GUIDE

The MOKiN docking station offers a simple plug-and-play connection, turning your Windows system laptop into a mobile workstation. For optimal performance, ensure your laptop has fully functional USB-C ports, Thunderbolt 3/4, or USB4 ports.

2.1 Connecting to Your Laptop

1. Connect the provided USB-C to USB-C cable from the docking station's host port to your laptop's USB-C port.
2. For power delivery, connect a 100W PD charger (not included) to the PD 100W port on the docking station. The power output to your laptop will be limited to 87W for safety.



Figure 3: Illustration of the docking station connected to a laptop, demonstrating the 100W power input and 87W output.

2.2 External Monitor Setup

The docking station supports triple monitor setups for Windows OS. For macOS systems, only SST mode is supported, meaning external monitors will mirror or extend the same screen.

- Connect your monitors to the HDMI ports on the docking station.
- When using HDMI 1 only, resolutions up to 4K@60Hz are supported.
- When connecting dual monitors, the resolution for both HDMI outputs will be 4K@30Hz (depending on your computer's desktop resolution).

for Windows with DP1.4

Extend Mode



Extend Mode



Mirror Mode



Figure 4: Example of a triple monitor setup for Windows laptops, showing extend and mirror modes.

for macOS with DP1.4

Extend Mode



Mirror Mode



Note: macOS Does Not Support Multi-Stream Transport (MST) Display.

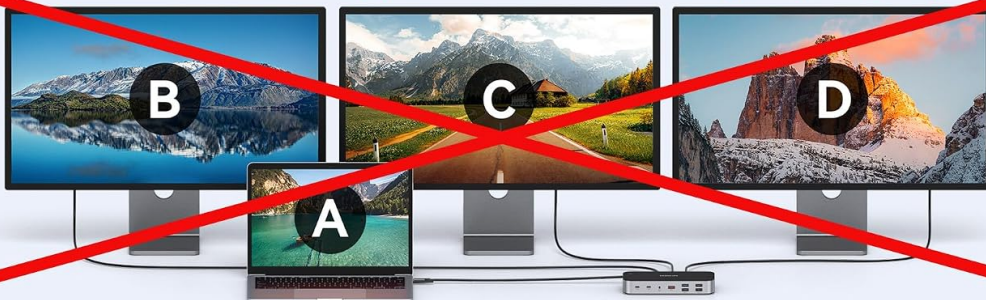


Figure 5: Example of a monitor setup for macOS laptops, highlighting the SST mode limitation where multi-stream transport (MST) display is not supported.

2.3 Additional Connections

- **Ethernet:** Connect an RJ45 cable to the Gigabit Ethernet port for stable wired internet access up to 1000 Mbps.
- **USB Devices:** Utilize the 3 USB 3.1 ports (up to 10 Gbps), 2 USB 3.0 ports, and 2 USB 2.0 ports for peripherals like mice, keyboards, printers, and external drives.
- **SD/TF Cards:** Insert SD or microSD cards into the dedicated slots for data transfer speeds up to 104MB/s.
- **Audio:** Use the 3.5mm audio/mic 2-in-1 jack for audio playback and voice output.



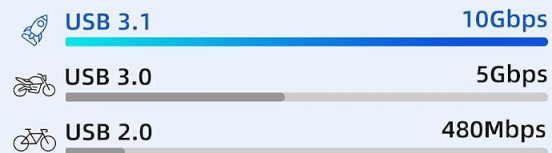
RJ45 Ethernet

Figure 6: Close-up of the RJ45 Ethernet port, illustrating a stable 1000 Mbps wired internet connection.

USB3.1 10Gbps Faster Data Transfer



20X Faster than
USB 2.0



Mouse



Keyboard



Smartphone



Printer



HDD
Enclosure



U Flash
Drive

Figure 7: Visual representation of USB 3.1 ports offering 10 Gbps data transfer speeds, 20 times faster than USB 2.0.

3. OPERATING INSTRUCTIONS

Once connected, the MOKiN docking station operates automatically. Your laptop should detect the connected peripherals and displays. Adjust display settings through your operating system's display preferences.

3.1 Video Demonstrations

Watch these official videos from the seller for a visual guide on setting up and using your MOKiN docking station.

Unboxing and Setup Overview

This video provides an unboxing experience and an overview of the docking station's features and initial setup. (Duration: 3:32)

Detailed Unboxing and Functionality

A more in-depth unboxing video that also demonstrates various functionalities and connections of the docking station. (Duration: 10:53)

16-in-1 Docking Station Features Showcase

4. MAINTENANCE

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

- Keep the device in a dry environment and avoid exposure to moisture or extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Avoid placing heavy objects on top of the docking station.

5. TROUBLESHOOTING

If you encounter issues with your MOKiN docking station, please refer to the following common troubleshooting steps:

- **No Display Output:** Ensure all HDMI cables are securely connected. Verify your laptop's display settings and resolution. For macOS, remember that only SST mode is supported.
- **Intermittent Connections:** Check that the USB-C host cable is firmly connected to both the docking station and your laptop. Ensure the cable is not damaged.
- **Slow Data Transfer:** Confirm that you are using the correct USB 3.1 ports for high-speed transfers. Older USB 2.0 devices will operate at their respective speeds.
- **No Power Delivery:** Ensure your PD charger is connected to the correct port and is functioning correctly. The PD charger is not included with the docking station.
- **Compatibility Issues:** This docking station is compatible with all Thunderbolt 3 devices, and Dell, Lenovo, Microsoft, and other models. Ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode).

For further assistance, please refer to the [official User Guide \(PDF\)](#) or contact MOKiN customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	8541676446
Package Dimensions	6.73 x 4.29 x 1.1 inches
Item Weight	4.2 ounces
Hardware Interface	TransFlash, USB Type C, USB, Ethernet, HDMI, Thunderbolt
Special Feature	3 HDMI

Compatible Devices	Projectors, PC, Tablets, Monitors, Laptops
Color	Matte black

7. WARRANTY AND SUPPORT

MOKiN products are designed for reliability and performance. For information regarding product warranty and support, please visit the official MOKiN store or contact their customer service directly.

MOKiN Store: <https://www.amazon.com/stores/MOKiN/page/0DA7A4C2-4BEC-4FA7-9D28-EC1F72CAF6FA>