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› [MOKiN 13-in-1 USB C Docking Station User Manual](#)

## MOKiN MUC0219US

# MOKiN 13-in-1 USB C Docking Station User Manual

**Brand:** MOKiN

**Model:** MUC0219US

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your MOKiN 13-in-1 USB C Docking Station. This versatile hub is designed to expand the connectivity of your USB-C enabled laptop, offering multiple display outputs, high-speed data transfer ports, network connectivity, and power delivery.

### Key Features:

- **13-in-1 Connectivity:** Includes 2x 4K HDMI, 1x DP, Gigabit Ethernet, Audio, USB-C PD, SD/TF card readers, 3x USB 3.0, and 2x USB 2.0 ports.
- **Triple Display Support:** Supports triple display configurations on Windows systems (Mac OS not supported for extended triple display).
- **High-Speed Data Transfer:** USB 3.0 ports offer 5Gb/s data transfer rates.
- **Fast Power Charging:** PD charging port supports up to 100W power input (87W output for safety).
- **Gigabit Ethernet:** Provides stable and fast wired network connection up to 1000Mbps.
- **Plug and Play:** No additional drivers required for most operating systems.





Image: A detailed view of the MOKiN 13-in-1 USB C Docking Station, highlighting each port and its function.

- **USB-C Host Port:** Connects to your laptop's USB-C (Thunderbolt 3/4 or USB 3.1 Type C Gen2) port.
- **HDMI 1 (4K):** Connects to an external monitor via HDMI cable.
- **HDMI 2 (4K):** Connects to a second external monitor via HDMI cable.
- **DisplayPort (DP):** Connects to a third external monitor via DisplayPort cable.
- **Gigabit Ethernet (RJ45):** For wired network connection.
- **USB-C PD Port:** For power input to charge your laptop and power the docking station.
- **SD Card Slot:** For standard SD memory cards.
- **TF (Micro SD) Card Slot:** For Micro SD memory cards.
- **USB 3.0 Ports (x3):** For high-speed data transfer with USB 3.0 compatible devices.
- **USB 2.0 Ports (x2):** For connecting peripherals like keyboards, mice, or other USB 2.0 devices.
- **3.5mm Audio/Mic Jack:** For connecting headphones, speakers, or microphones.

### 3. SETUP

Follow these steps to set up your MOKiN 13-in-1 USB C Docking Station:

1. **Verify Laptop Compatibility:** Ensure your laptop's USB-C port supports video output (Display Alt Mode) and power delivery. This is typically indicated by a Thunderbolt symbol (lightning bolt) or a USB-C symbol with a 'DP' or 'SS' icon. Ports that only support data transfer or charging will not work for video output.



Image: A visual guide to identifying compatible USB-C ports on your laptop for full docking station functionality.

2. **Connect Docking Station to Laptop:** Plug the integrated USB-C cable from the docking station into a compatible USB-C port on your laptop.
3. **Connect Power Adapter (Optional but Recommended):** For stable operation and laptop charging, connect your laptop's USB-C power adapter (or a dedicated 100W USB-C PD charger) to the USB-C PD port on the docking station. This ensures sufficient power for all connected devices and displays.



Image: The docking station connected to a MacBook Pro, demonstrating the power delivery feature with a 100W power adapter.

#### 4. Connect External Displays:

- Connect your HDMI monitors to the HDMI ports on the docking station.
- Connect your DisplayPort monitor to the DP port on the docking station.

5. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external hard drives, USB drives) into the USB 3.0 or USB 2.0 ports. Connect your Ethernet cable to the RJ45 port for wired internet access. Connect headphones or speakers to the 3.5mm audio jack.

## 4. OPERATING INSTRUCTIONS

This section details how to utilize the various functions of your docking station.

### 4.1 Display Configuration

The docking station supports different display modes depending on your operating system.

## Windows System (Triple Display Support)

Windows systems fully support triple display configurations (Extended Mode or Collage Mode) using the two HDMI ports and one DisplayPort. Your laptop screen can also be used as a fourth display in Extended Mode.

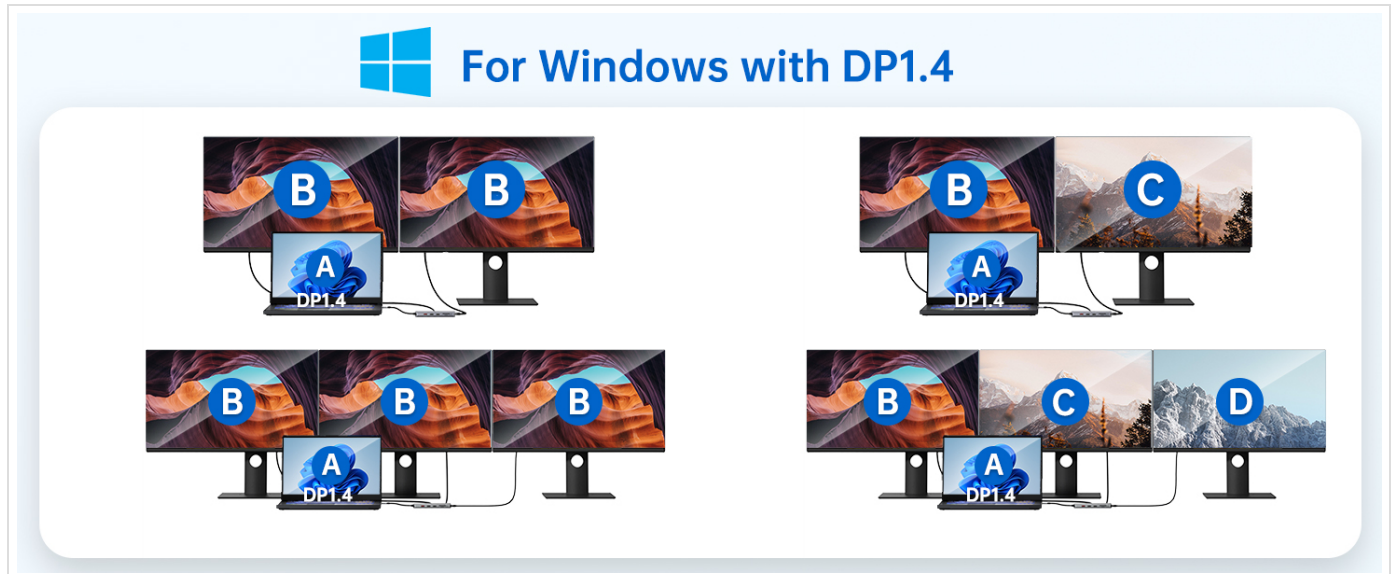


Image: Examples of triple display setups for Windows laptops using the docking station, including extended and mirrored modes.

## macOS System (Mirror Mode Only for Multiple External Displays)

Due to limitations in macOS, Multi-Stream Transport (MST) is not supported. This means that while you can connect multiple external displays, they will only mirror each other, showing the same content. Your laptop screen will remain independent.

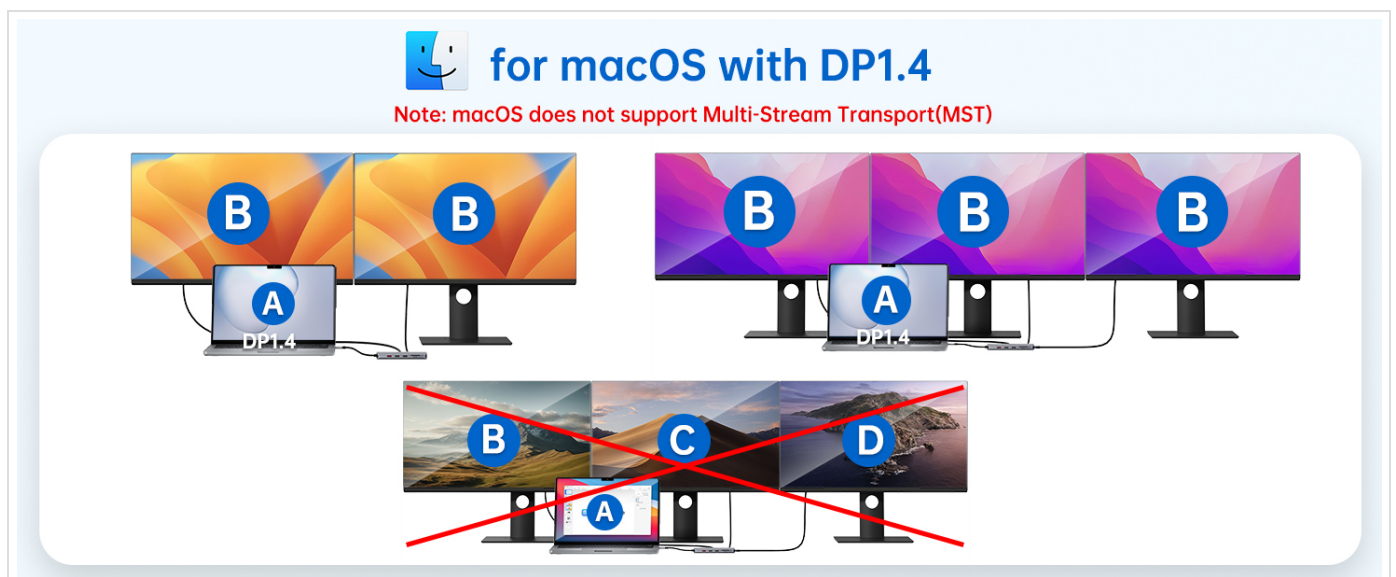


Image: A diagram illustrating that macOS does not support extended multi-stream transport (MST) for multiple external displays, resulting in mirrored content.

## 4.2 Data Transfer

The docking station provides multiple USB ports and card reader slots for data transfer.

- **USB 3.0 Ports:** Connect USB 3.0 compatible devices (e.g., external hard drives, USB flash drives) for high-speed data transfer up to 5Gbps. These ports are 10 times faster than USB 2.0.



**3 USB 3.0 Port Fast data transfer**

**10x faster than USB 2.0**

Image: A laptop connected to the docking station, demonstrating the use of USB 3.0 ports for fast data transfer with an external hard drive and a USB flash drive.

- **USB 2.0 Ports:** Ideal for connecting standard peripherals like keyboards, mice, or webcams.
- **SD/TF Card Readers:** Insert your SD or Micro SD cards to access files directly. Both slots can be used simultaneously.



## SD/TF Card Reader

SD/TF

104MB/S

2 cards slots can be used simultaneously.

Image: The docking station with an SD card and a Micro SD (TF) card inserted, illustrating the dual card reading capability.

### 4.3 Network Connectivity

Connect an Ethernet cable to the RJ45 port for a stable and high-speed wired internet connection up to 1000Mbps.



Image: The docking station showing the Gigabit Ethernet port with a connected cable and the 3.5mm audio jack with headphones.

#### 4.4 Audio Output

Use the 3.5mm audio/mic jack to connect headphones, speakers, or a microphone for audio input/output.







### 5. MAINTENANCE

Proper care and maintenance will extend the lifespan of your docking station:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the docking station. Avoid using liquid cleaners or abrasive materials.
- **Storage:** 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 unit.
- **Cable Care:** Do not bend or crimp the integrated USB-C cable excessively.

### 6. TROUBLESHOOTING

If you encounter issues with your MOKiN 13-in-1 USB C Docking Station, refer to the following common problems and solutions:

 XPS(13/15/9500...) Latitude(7410/5310...) Precision(5550/7550...) Inspiron(7506 2-in-1/5502...) Vostro(5501/3491...) Alienware(m15 R4/Area-51m...)	 Spectre(x360 13/15...) Envy(x360 13/15...) EliteBook(840 G8/x360 1030 G8...) Pavilion(14/x360 15...) ProBook(450 G8/x360 435 G8...)	 ThinkPad (T14/T14s/P50/P52...) IdeaPad( 5/Flex 5...) Yoga(9i/7i...) Legion(5/7...)
 MacBook Pro(2016-2022) MacBook Air/Mac mini(2018-2020) iMac(2020)/iMac Pro(2017-2019) iPad/ Pro(2018-Newest)	 ZenBook (14/Pro Duo...) VivoBook(S15/Flip 14...) ROG(Zephyrus G14/Strix Scar 15...) TUF Gaming(A15/F15...)	 Microsoft Samsung Galaxy Acer <b>Not a full list...</b>

**Operating Systems**






 Windows  macOS  Linux  iPad OS  Android

Image: A summary of helpful tips regarding power supply, multi-display setup, Apple compatibility, and general connection advice.

#### • No Display Output:

- Ensure your laptop's USB-C port supports Display Alt Mode.
- Verify all display cables (HDMI, DP) are securely connected to both the docking station and the monitors.
- Try restarting your laptop.
- Ensure the docking station is receiving sufficient power, especially when connecting multiple displays. Connect a 100W power supply to the PD port.
- For macOS, remember that multiple external displays will mirror each other, not extend.

#### • Intermittent Display Signal / Screen Blackout:

- This can sometimes occur due to power fluctuations or driver issues. Ensure a stable power supply is connected to the docking station.
- Try unplugging and replugging the cables in sequence: 1. Laptop to Hub, 2. Power to Hub, 3. HDMI/DP to Hub.
- Update your laptop's graphics drivers and USB-C drivers.

#### • Slow Data Transfer Speeds:

- Ensure you are using the USB 3.0 ports for high-speed devices. USB 2.0 ports are slower.
- Check the cable quality of your USB devices.
- Avoid connecting too many power-hungry devices simultaneously without external power to the docking station.

#### • Ethernet Not Working:

- Verify the Ethernet cable is securely connected to both the docking station and your router/modem.
- Check your laptop's network settings.
- Ensure your network drivers are up to date.

#### • Laptop Not Charging:

- Ensure your laptop's USB-C port supports Power Delivery (PD).

- Verify that a compatible USB-C PD charger (preferably 100W) is connected to the docking station's PD port.
- Note that the docking station's power output to the laptop is limited to 87W for safety.

- **Docking Station Gets Hot:**

- It is normal for the docking station to generate some heat during operation, especially when multiple ports are in use or when charging. If it becomes excessively hot, disconnect it and allow it to cool down. Ensure adequate ventilation around the device.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	MUC0219US
Product Dimensions	7 x 3 x 0.6 inches
Item Weight	3.87 ounces
HDMI Output	2x 4K@30Hz (3840P*2160/30Hz)
DisplayPort (DP) Output	1x 4K@30Hz (3840P*2160/30Hz)
USB 3.0 Ports	3x (up to 5Gbps data transfer)
USB 2.0 Ports	2x
USB-C PD Port	1x (100W input, 87W output max)
Ethernet Port	1x Gigabit RJ45 (10/100/1000Mbps)
Card Reader Slots	1x SD, 1x TF (Micro SD) - simultaneous reading
Audio Jack	1x 3.5mm (Audio/Mic)
Compatible Devices	Laptops with Thunderbolt 3/4 or USB 3.1 Type C Gen2 ports (Dell XPS, Lenovo Yoga, HP, Microsoft Surface, MacBook Pro/Air, etc.)
Operating Systems	Windows, macOS, Linux, iPad OS, Android

## 8. WARRANTY AND SUPPORT

MOKiN products are designed for reliability and performance. For specific warranty information regarding your MOKiN 13-in-1 USB C Docking Station, please refer to the warranty card included with your product or visit the official MOKiN website.

If you have any questions, operational problems, or require technical assistance, please contact MOKiN customer support. Professional team provides 24-hour customer online service to assist you with various issues.

### MOKiN Customer Support:

- Refer to the contact information provided in your product packaging.

- Visit the official MOKiN website for support resources and contact details.