

## MOKiN X3139

# MOKiN X3139 USB C to Dual HDMI Docking Station User Manual

Model: X3139

## 1. INTRODUCTION

This manual provides detailed instructions for the MOKiN X3139 USB C to Dual HDMI Docking Station. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its features.

## 2. PRODUCT FEATURES

The MOKiN X3139 is a 9-in-1 USB C hub designed to expand the connectivity of your USB C-enabled laptop. Key features include:

- **9-in-1 Connectivity:** Includes USB C PD port (charging only), Gigabit RJ45 port, two 4K HDMI ports, SD/TF card slot, two USB 3.0 Ports, and one USB 2.0 Port.
- **Triple Display Functionality:** Supports single and dual HDMI displays up to 3840x2160@60Hz, or triple displays up to 1920x1080@60Hz.
- **Gigabit Ethernet:** Provides a stable wired network connection up to 1000Mbps.
- **Fast Power Charging:** USB C Power Delivery port supports up to 100W power input, with 87W power output for charging connected laptops.
- **Reliable Data Transfer:** Two USB 3.0 ports offer speeds up to 5 Gbps, and one USB 2.0 port for additional data devices. Built-in SD and TF slots support simultaneous reading of two cards.

# 9 IN 1 USB C HUB

**PD 3.0**  
100W Fast Charging

**USB C 3.0**  
5Gbps

**Micro SD/SD**  
Up to 104MB/s

**HDMI 1**  
4K@60Hz  
**HDMI 2**  
4K@30Hz

**USB A 2.0**  
480Mbps

**USB A 3.0**  
5Gbps

**RJ45**  
1000Mbps



Image: Overview of the MOKiN X3139 9-in-1 USB C Hub, highlighting its various ports and their functions.

## 3. PACKAGE CONTENTS

- MOKiN X3139 USB C to Dual HDMI Docking Station
- User Manual (this document)

*Note: Wall charger and USB-C cable for power delivery are not included and must be purchased separately.*

## 4. SETUP INSTRUCTIONS

1. **Verify Laptop Compatibility:** Ensure your laptop's USB-C port supports data transfer, display output (Display Alt Mode), and charging. Look for a Thunderbolt symbol or a USB-C symbol with a 'DP' or 'SS' icon. Ports that only support data transfer or charging are not compatible for full docking station functionality.

# Check Your Laptop Before Purchase

## Thunderbolt



Only Data Transfer



## Full Function USB C Port Data Transfer + Display Alt + Charging



Only Charging



Only Data Transfer and Charging



Image: Guide to identifying compatible USB-C ports on your laptop.

2. **Connect to Laptop:** Plug the integrated USB-C cable of the MOKiN X3139 docking station into a compatible USB-C port on your laptop.
3. **Connect Power Adapter (Optional but Recommended):** For stable operation and to charge your laptop, connect a USB-C power adapter (65W or higher recommended, up to 100W supported) to the PD 3.0 port on the docking station.

# 100W Fast Charging



Image: Connecting the docking station to a power source for laptop charging.

4. **Connect External Displays:** Connect your HDMI monitors to the HDMI 1 (4K@60Hz) and HDMI 2 (4K@30Hz) ports on the docking station using HDMI cables.
5. **Connect Network Cable:** For a stable internet connection, plug an Ethernet cable into the RJ45 Gigabit Ethernet port.



Image: Connecting an Ethernet cable to the docking station.

6. **Connect USB Devices:** Plug your USB peripherals (e.g., mouse, keyboard, external hard drive) into the USB 3.0 (5Gbps) and USB 2.0 (480Mbps) ports.

# Rapid Data Transfer



Image: Connecting USB devices and memory cards for data transfer.

7. **Insert SD/TF Cards:** If needed, insert your SD or Micro SD cards into the dedicated slots for data access.

## 5. OPERATING INSTRUCTIONS

### 5.1. Windows Display Settings

For Windows laptops with DP1.4, the docking station supports various display modes:

- **Mirror Mode (A-AA):** All connected displays show the same content as your laptop screen.
- **Extend Mode (A-BB):** Your laptop screen and one external monitor show different content, while the second external monitor mirrors the first.
- **Extend Mode (A-BC):** Your laptop screen and both external monitors display different content, creating a triple extended display setup.

To configure display settings in Windows:

1. Right-click on your desktop and select "Display settings" or go to "Settings" > "System" > "Display".
2. Under "Multiple displays", you can arrange your displays and choose between "Duplicate these displays" (Mirror Mode) or "Extend these displays" (Extend Mode).

3. Adjust resolution and orientation for each display as needed.
4. For advanced settings like refresh rate, click "Advanced display settings".

## Windows with DP1.4

### Mirror Mode A-AA



### Extend Mode A-BB



### Extend Mode A-BC



Image: Windows display configuration options for the MOKiN X3139.

Your browser does not support the video tag.

Video: A tutorial demonstrating PC connection and display settings for the docking station.

## 5.2. macOS Display Settings

For macOS laptops with DP1.4, the docking station supports:

- **Mirror Mode (A-AA):** All connected displays show the same content as your MacBook screen.
- **Extend Mode (A-BB):** Your MacBook screen and one external monitor show different content, while the second external monitor mirrors the first.

### Important Note for macOS:

- Due to macOS limitations, all external monitors will display the same content (Mirror Mode or A-BB Extend Mode). macOS does not support MST (Multi-Stream Transport) for truly independent extended displays

across multiple external monitors.

- Triple extended displays (A-BC) are not supported on macOS.

To configure display settings in macOS:

1. Go to "System Settings" (or "System Preferences") > "Displays".
2. Here you can arrange your displays and select whether to use them as an "Extended display" or "Mirror for Built-in Display".
3. Adjust resolution and refresh rate as needed.

## macOS with DP1.4

### Mirror Mode A-AA



### Extend Mode A-BB



### Extend Mode A-BC



Image: macOS display configuration options and limitations for the MOKiN X3139.

## 6. COMPATIBILITY

### 6.1. Compatible Devices (Partial List)

This docking station is compatible with laptops featuring a full-function USB-C port (supporting data, display, and charging) or a Thunderbolt 3/4 port. Examples include:

- **Dell:** Inspiron 7400/ XPS 13-9305, Inspiron 13 5330, Latitude (5310/ 5400/ 5480/ 5490), Inspiron (14 or 15 7000 series 2-in-1), XPS (9380/13-9300/13-9365), Precision (7520/ 7730/7750)
- **Lenovo:** Yoga 13sITL 2021/ ThinkPad T14 Gen1/ Legion Y9000X(2020/IAH7), Yoga (900/910/920/930/940/C740/C930), IdeaPad Chromebook Flex 5, ThinkPad (P72/E590/T470/T470s/T480s/T490s)
- **HP:** EliteBook 835 G9, Spectre (X369/13T-AK000CTO/13T-AF001TU), Elitebook (800 G4/ 840 G5 series/ 850 G5/745/830 G6/X2), Zbook/ Probook
- **Apple:** MacBook Pro (2017-2022), MacBook Air/Mac mini (2018-2020), iMac (2020) /iMac Pro (2017-2019), iPad Pro (2018-Newest)
- **Microsoft:** Surface Pro 7/ Microsoft Surface Laptop Studio/ Redmi Book Pro 14 2022
- **ASUS:** C423N, Zenbook (Flip Q529ZA/UX435/UX434F/UX433FA/UX425EA/3-UX390), Rog GX501
- **Samsung:** Note (20/ 10/ 9/ 8+), Galaxy (S20 ultra/ S10+/ S10/ S9/ S8+/ Tablet S5e/ Tablet New S7/ Chromebook/ Flex Alpha 2-in-1)
- **Huawei:** MateBook (X Pro/ E/ X/ Mate 10/ Mate 10Pro/ Mate 20/ Mate 20 Pro/ Mate 30/ Mate 30 Pro/ P20/ P20 Pro/ P30 Pro)
- **Acer:** Aspire 5/ Aspire C24-865/ Swift 1/ Swift 3/ Swift 7/ Swift X/ SPIN 5/ SPIN 7/ Predator Helios 300
- **Google Chromebook:** Pixel 2016/ Pixel 2017/ C340-15



Image: Partial list of compatible devices.

## 6.2. Incompatibility (Partial List)

The following devices or types of ports are generally not compatible or may have limited functionality:

- **MacBook Air (before 2018) / MacBook Pro 2015 / Mac 2021**
- **ASUS:** Vivobook series / Q547 / Q503U / Q503UA / Q26F / L203MA / TUF 17.3 Gaming Laptop, Zenbook UX333FN / Zenbook UX330UA-AH55 / Zenbook Flip 14 UX461FN-DH74T / Zenbook Q4071
- **Acer:** Aspire E5-575 / Aspire R5-571T / Aspire E5-576G / Aspire R15 / Aspire G3-571 / Predator Helios 300 / Swift X 14
- **MSI:** GI65 / GF63 / MSI GF65 THIN 9SD-252 / MSI GEVR 7RF Apache Pro / MSI GS73VR 7RG Stealth Pro / MSI GE73 Raider 8RF
- **Microsoft Surface:** Pro 3 / Pro 4 / Pro 6 / Book 3
- **HP:** Spectre X360 13 / Spectre X360 14 / Spectre X360 15T, ProBook 600 / ProBook 640 / ProBook 650 G2 / ProBook Folio 1020 B&O, Earlier HP Pavilion series / HP 340S C7 / HP Envy 15 / EVGA SC15 / HP 7265NGW
- **Dell:** Inspiron 17-5000 series / Inspiron 15-5000 series / Inspiron 14-5410 / Inspiron 15-3000 / Inspiron 15-3583 / Inspiron 17-3793 Business, Latitude E7270 / Latitude E7470 / Latitude E7440 / Latitude E7450 / Latitude 3520
- **Lenovo:** V330 / ThinkPad T570 / IdeaPad Y520 / Yoga 520 / Yoga 710, ThinkPad X1 Carbon (1490) / ThinkPad E580, IdeaPad 3 / IdeaPad 5 / IdeaPad 330 / IdeaPad L340 / IdeaPad S340 / IdeaPad 130S /



## KIND SUGGESTIONS

### Tips About Power Supply

Since the product will have power consumption during the using and the maximum output of the laptop port C is limited, the load of the hub is relatively large after connecting many ports. In order to avoid the insufficient power allocated to the hub due to the laptop protection settings, it is recommended to connect the 100W power supply.



### About Triple Displays

When using DP1.4, it is possible to extend to 2 displays, depending on the processor's support for 2 external monitors. Please check the dedicated graphics card of your laptop before use.



### After Connecting

When using the product, please make sure to connect the power supply to the USB hub to ensure proper functionality.



### macOS

Due to macOS limitations, all external monitors display the same content; Macbooks do not support MST(Multi-Stream Transport).



### Compatibility

We do not recommend using any other converters with USB hub as we cannot guarantee compatibility.



### Need Help?

Please feel free to contact us if you encounter any questions and potential problems. We are here to assist you at any time.

Image: Important suggestions for optimal performance and troubleshooting.

## 8. SPECIFICATIONS

Feature	Detail
Model	X3139
Product Dimensions	5.9 x 0.6 x 2.7 inches
Item Weight	3.84 ounces
Hardware Interface	Ethernet, HDMI, MicroSD, USB 2.0 Type A, USB 3.0 Type A, USB 3.0 Type C (PD)
HDMI 1 Output	Up to 4K@60Hz
HDMI 2 Output	Up to 4K@30Hz
USB 3.0 Ports	2 ports, up to 5 Gbps data transfer
USB 2.0 Ports	1 port, up to 480 Mbps data transfer
Ethernet Port	Gigabit RJ45, 10/100/1000Mbps auto-sensing
SD/TF Card Slots	Supports simultaneous reading, up to 104MB/s
USB C PD Port	100W Power Input (87W output to laptop)
Compatible Devices	Laptops with full-function USB-C or Thunderbolt 3/4 ports

## 9. SAFETY INFORMATION

- Keep the device away from water, fire, high humidity, or hot environments.
- Do not attempt to disassemble, repair, or modify the product.
- Avoid dropping or subjecting the device to strong impacts.
- Use only compatible power adapters and cables.

## 10. WARRANTY AND SUPPORT

MOKiN products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your purchase or visit the official MOKiN website.

If you encounter any issues or have questions regarding your MOKiN X3139 docking station, please contact MOKiN customer support through the retailer where you purchased the product or via the contact information provided on the official MOKiN website.

Your browser does not support the video tag.

Video: An overview of the MOKiN USB C to Dual HDMI Docking Station, showcasing its features and connectivity.