

MOKiN B0GCML5R7Y

MOKiN 13-in-1 USB C Docking Station Instruction Manual

Model: B0GCML5R7Y

1. INTRODUCTION

Thank you for choosing the MOKiN 13-in-1 USB C Docking Station. This device is designed to expand the connectivity of your USB-C enabled laptop, providing a comprehensive solution for multiple display outputs, high-speed data transfer, network connection, and power delivery through a single USB-C port. Please read this manual carefully to ensure proper setup and operation.

2. KEY FEATURES

- **13-in-1 Connectivity:** Includes 2x 4K HDMI, 1x DisplayPort (DP), 1x VGA, 1x 100W Power Delivery (PD) charging port, 2x USB-C 3.1 (10Gbps), 1x USB-A 3.1 (10Gbps), 2x USB-A 2.0, SD/TF card reader, and 1x 1000Mbps Ethernet port.
- **Multi-Monitor Support:** Supports up to four external monitors.
- **High-Speed Data Transfer:** USB 3.1 ports offer up to 10Gbps, and SD/microSD card readers provide up to 200Mbps.
- **Power Delivery:** Provides up to 85W pass-through charging to your laptop (requires a 100W PD input charger, not included).
- **Gigabit Ethernet:** Ensures stable and fast wired network connectivity at 1000Mbps.
- **Plug and Play:** No driver installation required for most operating systems.

3. PORT LAYOUT

The MOKiN 13-in-1 docking station features a comprehensive array of ports for various connections. Refer to the diagram below for a visual overview of each port and its function.

13-IN-1

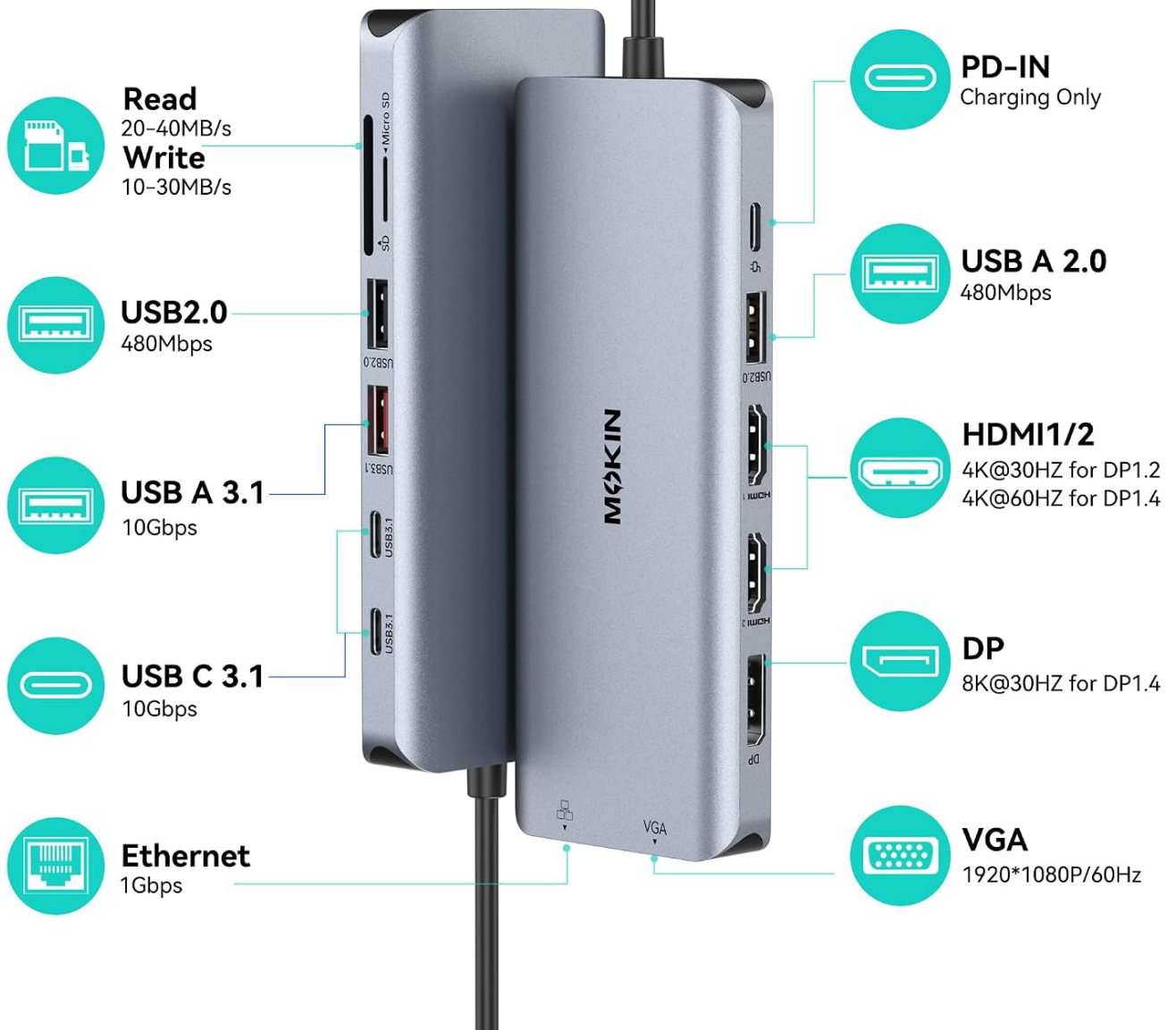


Figure 3.1: MOKiN 13-in-1 USB C Docking Station Port Diagram

PD-IN (Charging Only): Connect your laptop's USB-C power adapter (up to 100W input).

USB A 2.0 (480Mbps): For connecting peripherals like keyboards, mice, or other low-bandwidth devices.

HDMI 1/2 (4K@30Hz for DP1.2, 4K@60Hz for DP1.4): Connect HDMI-enabled monitors.

DP (8K@30Hz for DP1.4): Connect DisplayPort-enabled monitors.

VGA (1920*1080P/60Hz): Connect VGA-enabled monitors.

USB A 3.1 (10Gbps): High-speed data transfer for external drives or other USB 3.1 devices.

USB C 3.1 (10Gbps): High-speed data transfer for USB-C devices.

Ethernet (1Gbps): RJ45 port for wired network connection.

SD/TF Card Reader: For reading SD and microSD memory cards (Read 20-40MB/s, Write 10-30MB/s).

4. SETUP INSTRUCTIONS

The MOKiN docking station is designed for plug-and-play functionality, requiring no additional driver installation for most operating

systems.

1. **Connect to Laptop:** Connect the integrated USB-C cable from the docking station to a fully functional USB-C port on your laptop. Ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode) and power delivery for full functionality.
2. **Connect Power (Optional but Recommended):** For optimal performance and to charge your laptop, connect your laptop's USB-C power adapter (up to 100W) to the PD-IN port on the docking station. This will provide up to 85W pass-through charging to your laptop.



Figure 4.1: Power Delivery Connection

3. **Connect Monitors:** Connect your external monitors to the HDMI, DisplayPort, and/or VGA ports on the docking station

using appropriate cables.

4. **Connect Peripherals:** Connect your USB devices (keyboard, mouse, external hard drives, etc.) to the available USB-A and USB-C data ports.
5. **Connect Network:** For a stable wired internet connection, connect an Ethernet cable from your router/modem to the Ethernet port on the docking station.



UP TO
1Gbps



Stable & Faster Network

Figure 4.2: Ethernet Connection

6. **Insert Memory Cards:** If needed, insert SD or microSD cards into the corresponding slots.

Important Compatibility Note: This docking station is only applicable to laptops with fully functional USB-C ports,

Thunderbolt 3/4, or USB4 ports. Ports that only support data transfer or charging will not provide full display output functionality.



Figure 4.3: USB-C Port Compatibility Guide

5. OPERATING INSTRUCTIONS

5.1 Display Modes

The docking station supports various display configurations depending on your operating system.

Windows System (MST & SST Support)

Windows systems support both Multi-Stream Transport (MST) for extended displays and Single-Stream Transport (SST) for mirrored displays. The HDMI and DisplayPort outputs support up to 4K@60Hz (with DP1.4 source).



Triple 4K Display for Windows (DP1.4)

Extend Mode



Mirror Mode



Note: Connect a fourth external monitor and the resolution drops to two 4k and two 1080P

Figure 5.1: Windows Triple Display Modes (Extend and Mirror)

Extend Mode: Each connected monitor can display independent content, expanding your desktop workspace. For example, with DP1.4, you can achieve configurations like HDMI1+HDMI2+DP for three 4K@30Hz displays, or HDMI1+HDMI2+DP+VGA for one 4K@60Hz, one 4K@30Hz, and two 1080P@30Hz displays (laptop screen off).

Mirror Mode: All connected external monitors display the same content as your laptop screen.

macOS System (Limited Extend Support)

macOS systems have limitations on extended displays. They can only extend one external monitor, while other external monitors will mirror each other. The primary external monitor can achieve 4K@60Hz.



4K Display for macOS

Mirror Mode



Non-Mirror Mode



Note: MacBook only supports extending one screen.

Figure 5.2: macOS Display Modes (Mirror and Non-Mirror)

5.2 Data Transfer

Utilize the USB 3.1 A and C ports for high-speed data transfer up to 10Gbps. The SD and TF card slots allow for quick access to memory card content.

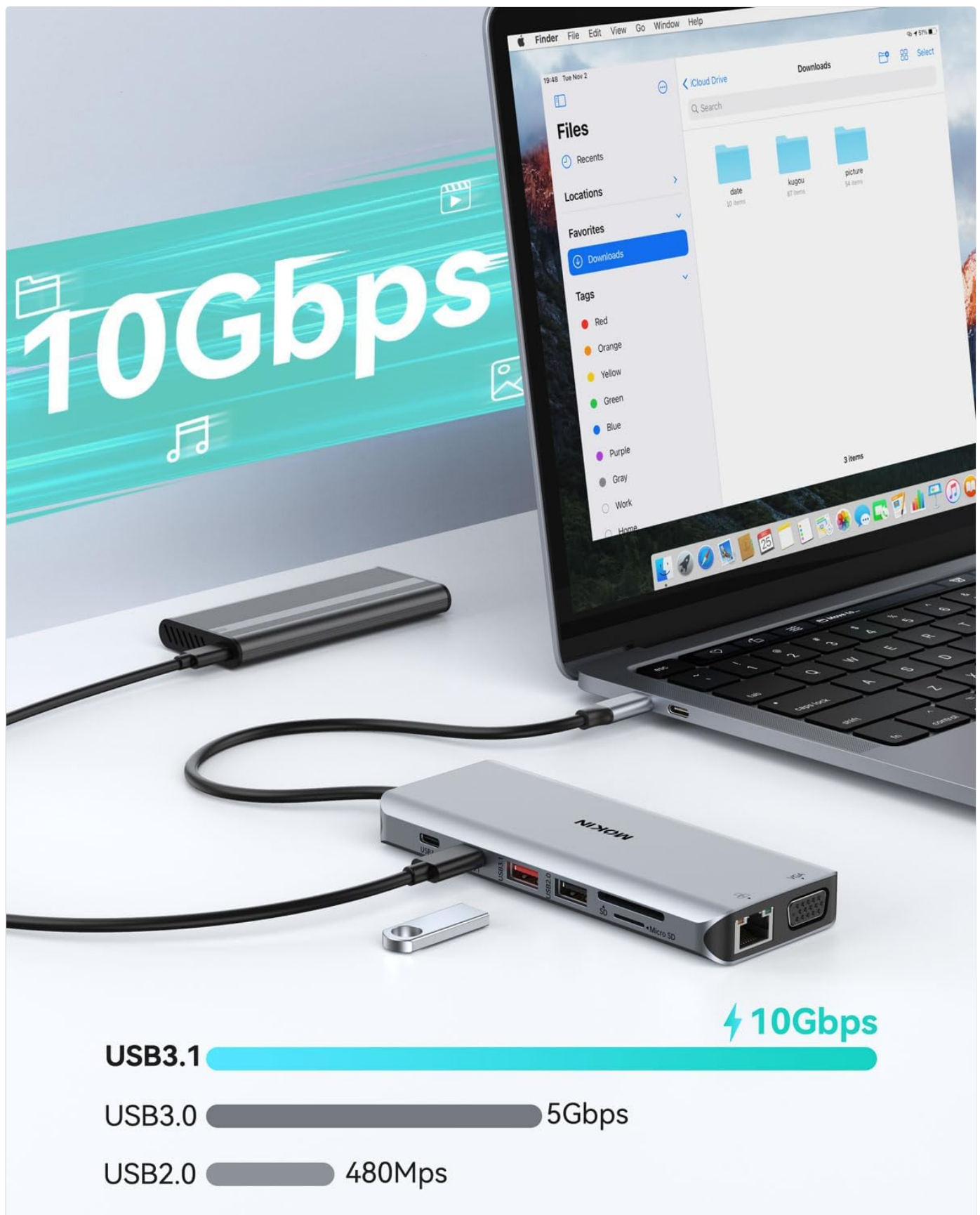


Figure 5.3: High-Speed Data Transfer

5.3 Network Connection

The Gigabit Ethernet port provides a reliable and fast wired network connection, ideal for stable internet access and large file transfers.

5.4 Video Demonstration

Watch this official video for a visual guide on the MOKiN 13-in-1 Laptop Docking Station's features and setup.

Your browser does not support the video tag.

Video 5.1: MOKiN 13-in-1 Laptop Docking Station Overview

This video provides a brief overview of the MOKiN 13-in-1 docking station, highlighting its various ports and multi-monitor capabilities.

6. MAINTENANCE

- Keep the docking station clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to liquids, extreme temperatures, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself. Contact support if service is required.
- Store the docking station in a cool, dry place when not in use.

7. TROUBLESHOOTING

- **No Display Output:**
 - Ensure your laptop's USB-C port supports DisplayPort Alternate Mode. Refer to your laptop's specifications.
 - Check all cable connections between the docking station, monitors, and laptop.
 - Verify monitor input sources are correctly selected.
 - Adjust display settings in your operating system (e.g., Windows Display Settings, macOS System Settings > Displays).
 - For macOS, remember only one external monitor can be extended; others will mirror.
- **Laptop Not Charging:**
 - Ensure your power adapter is connected to the PD-IN port on the docking station.
 - Verify your power adapter is a USB-C Power Delivery charger (100W recommended for 85W output).
 - Confirm your laptop's USB-C port supports Power Delivery input.
- **USB Devices Not Working:**
 - Ensure the docking station is securely connected to your laptop.
 - Try connecting the USB device directly to your laptop to rule out device issues.
 - Some high-power USB devices may require external power or a direct connection to the laptop.
- **No Ethernet Connection:**
 - Check the Ethernet cable connection to both the docking station and your router/modem.
 - Verify network settings on your laptop.
 - Ensure your laptop's USB-C port supports Ethernet functionality through the docking station.
- **Intermittent Connections:**
 - Ensure the USB-C connection to your laptop is firm and stable. A loose connection can cause intermittent issues.
 - Avoid excessive bending or strain on the integrated USB-C cable.

8. SPECIFICATIONS

Feature	Detail
Brand	MOKiN
Model	B0GCML5R7Y

Color	13 in 1 (2 HDMI+DP+VGA)
Hardware Interface	DisplayPort, Ethernet, HDMI, USB 3.1 Type A, USB 3.1 Type C, VGA
Special Features	Fast Charging, Fast Data Transfer, Heat Resistant, Plug and Play, Portable, Lightweight
Compatible Devices	Laptops (Dell/HP/Lenovo/Samsung, MacBook Pro/Air), Keyboards, Mouse, Headphones
Total USB Ports	6
Data Transfer Rate	10 Gigabits per second
Number of Ports	13
Operating System Support	Windows, macOS
Manufacturer	MOKiN

9. WARRANTY AND SUPPORT

The MOKiN 13-in-1 USB C Docking Station comes with an **18-month product warranty**. If you encounter any problems during use or have questions regarding the product, please feel free to contact MOKiN customer support. Our team is available to provide assistance and resolve any issues you may experience. For support, please refer to the contact information provided with your purchase or visit the official MOKiN website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question