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› MOKiN USB C Laptop Docking Station Dual Monitor USB C Hub Adapter 3 Monitors with 2 HDMI, DisplayPort VGA, 3 USB 2.0, PD for Dell/HP/Lenovo/Microsoft User Manual

MOKiN MOUC0513-UK-VC

MOKiN USB C Laptop Docking Station User Manual

Model: MOUC0513-UK-VC

1. INTRODUCTION AND OVERVIEW

The MOKiN USB C Laptop Docking Station is a versatile hub designed to expand the connectivity of your USB-C enabled laptop. It provides multiple display outputs, high-speed data transfer ports, and power delivery capabilities, enhancing your productivity and simplifying your workspace.

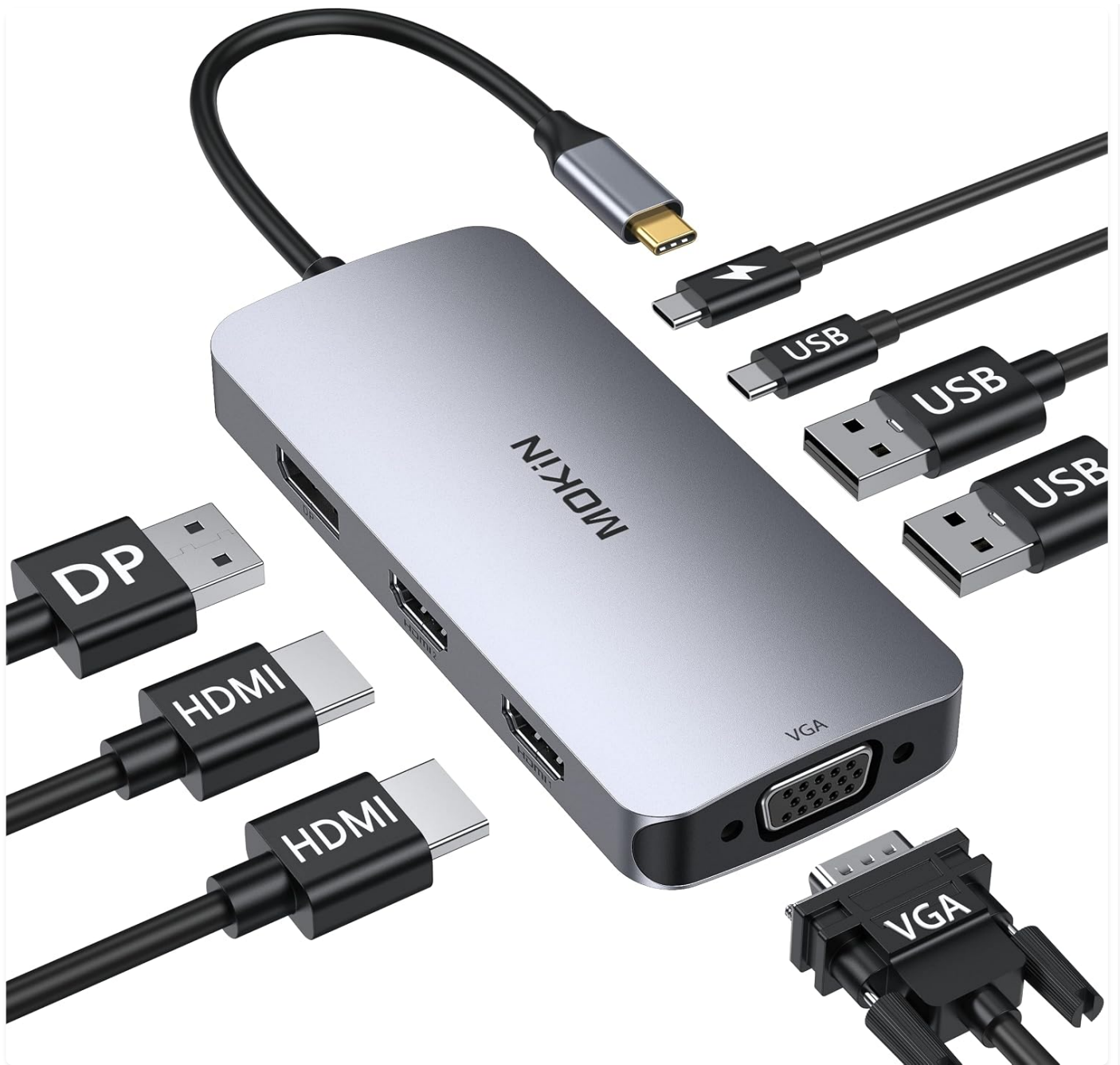


Figure 1: MOKiN USB C Laptop Docking Station with its diverse port options.

This docking station features 2 HDMI ports, 1 DisplayPort, 1 VGA port, 2 USB-A 2.0 ports, 1 USB-C 2.0 port, and a 100W USB-C Power Delivery port. It is engineered to provide seamless integration with your existing setup.

MOKiN 8-IN-1 Docking Station with All Types Display Ports

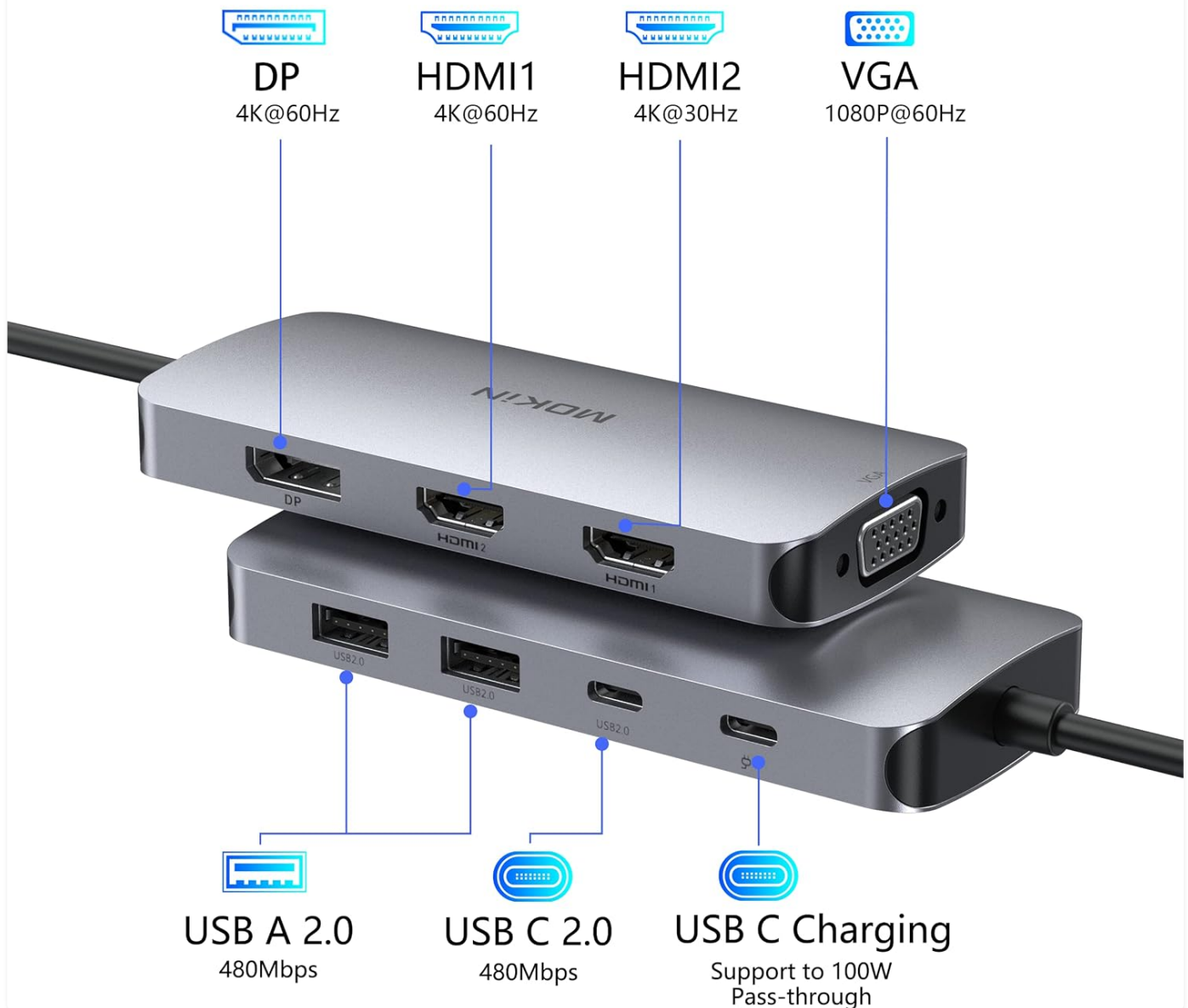


Figure 2: Detailed view of the MOKiN 8-in-1 Docking Station ports and their capabilities.

Video 1: An overview of the MOKiN 8-IN-1 USB C Docking Station, highlighting its features and benefits for dual monitor setups.

2. SETUP

2.1 Initial Setup

Before connecting the docking station, ensure your laptop is equipped with a Thunderbolt port or a full-function USB-C port that supports data transfer, display output (Display Alt Mode), and charging. Ports that only support data transfer or charging are not compatible for full functionality.



Figure 3: Verify your laptop's USB-C port functionality for compatibility.

Connect the USB-C cable from the docking station to your laptop's compatible USB-C port. Then, connect your external monitors and other peripherals to the respective ports on the docking station.

2.2 Display Configuration (Windows)

For Windows laptops with DP1.4 Protocol, the docking station supports various display configurations including dual, triple, and quadruple monitors. Note that when connecting four monitors, the laptop screen may go black as the display output is extended to the external displays.

For Windows Laptop with DP1.4 Protocol

Dual Monitors

(HDMI1 + DP)



Triple Monitors

(HDMI 1 + HDMI 2 + DP)



Quadruple Monitors

(DP + HDMI1 + HDMI 2 + VGA)



Note: When you connect four monitors, the laptop screen will go black

Figure 4: Windows display configurations (Dual, Triple, Quadruple Monitors).

Video 2: A tutorial demonstrating compatibility and expanding display options for both Windows and macOS systems.

Video 3: Demonstrates setting up dual HDMI monitors with the MOKiN Docking Station.

2.3 Display Configuration (macOS)

For MacBook laptops with DP1.4 Protocol, the docking station supports dual and triple monitor setups. Please note that on macOS systems, external monitors will display the same content, whether in mirror mode or extended mode. macOS does not support extending different content across multiple external displays through this docking station.



For Macbook Laptop with DP1.4 Protocol

Dual Monitors

(HDMI1 + DP)



Triple Monitors

(HDMI 1 + HDMI 2 + DP)



Note:

Macbook does not support monitors that extend different content



Figure 5: macOS display configurations (Dual, Triple Monitors) and content limitations.

Video 4: Shows the setup of three monitors with the MOKiN Docking Station on a macOS system.

3. OPERATING

3.1 Power Delivery

The docking station features a 100W USB-C Power Delivery (PD) charging port. This allows you to charge your laptop while simultaneously using the docking station. Please note that the docking station itself consumes approximately 13W to operate, leaving up to 87W for your laptop's charging. For optimal performance, it is recommended to use a 100W power adapter with the docking station.

USB C Port Power Delivery



Figure 6: Power Delivery functionality of the USB-C port.

3.2 Data Transfer

The docking station includes 2 USB-A 2.0 ports and 1 USB-C 2.0 port, enabling data transfer speeds of up to 480MB/s. These ports are suitable for connecting various USB devices such as a mouse, keyboard, or USB flash drives to your laptop.



Figure 7: Data transfer ports for connecting peripherals.

4. MAINTENANCE

To ensure the longevity and optimal performance of your MOKiN USB C Laptop Docking Station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners, aerosols, or abrasive materials, as these can damage the device.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components.
- **Cable Management:** Ensure cables are not excessively bent or tangled to prevent damage to the connectors and wires.

5. TROUBLESHOOTING

If you encounter issues with your MOKiN USB C Laptop Docking Station, refer to the following common troubleshooting steps:

- **No Display Output:**
 - Ensure your laptop's USB-C port supports Display Alt Mode.
 - Check all cable connections between the laptop, docking station, and monitors.
 - Verify that the correct input source is selected on your monitors.
 - Try restarting your laptop.
 - Update your laptop's graphics drivers.
- **Power Delivery Issues:**
 - Confirm your laptop's USB-C port supports Power Delivery.
 - Ensure you are using a 100W power adapter connected to the docking station's PD port.
 - Check if the power adapter and cable are functioning correctly.
- **Data Transfer Problems:**
 - Ensure the USB devices are properly inserted into the docking station's USB ports.
 - Test the USB devices directly with your laptop to confirm they are working.
 - Try connecting the device to a different USB port on the docking station.
- **Intermittent Connectivity:**
 - Ensure all connections are secure and not loose.
 - Avoid placing the docking station near strong electromagnetic interference sources.
 - Ensure your laptop's drivers are up to date.

If issues persist after following these steps, please contact MOKiN customer support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Brand	MOKiN
Model Number	MOUC0513-UK-VC
Item Weight	3.52 ounces
Product Dimensions	5.71 x 2.76 x 0.39 inches
Color	grey
Hardware Interface	USB
Special Feature	Fast Charging
Compatible Devices	Dell XPS, Steam Deck, HP, ASUS, Lenovo ThinkPad, Surface

Feature	Specification
Operating System Compatibility	Mac OS 9, Windows 7, Windows 10

7. WARRANTY AND SUPPORT

MOKiN stands behind the quality of its products. The USB C Laptop Docking Station comes with an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

If you experience any issues with your docking station or require technical assistance, please contact MOKiN customer support. You can typically find contact information on the MOKiN official website or through the retailer where you purchased the product. When contacting support, please have your product model number (MOUC0513-UK-VC) and proof of purchase readily available.

For the latest drivers, firmware updates, and additional support resources, please visit the official MOKiN website.

ASK A QUESTION ABOUT THIS MANUAL

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