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> LIONWEI 13-in-1 USB C Docking Station User Manual

## LIONWEI 13-in-1 (4 Monitor)

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

MODEL: 13-IN-1 (4 MONITOR)

Brand: LIONWEI

## INTRODUCTION

This user manual provides detailed instructions for the LIONWEI 13-in-1 USB C Docking Station. It covers setup, operation, display configuration, and troubleshooting to help you maximize the functionality of your device. Please read this manual thoroughly before use.



The LIONWEI 13-in-1 USB C Docking Station helps organize your workspace and expand connectivity.

## PRODUCT FEATURES

The LIONWEI 13-in-1 USB C Docking Station offers extensive connectivity and display options:

- **Quadruple Display Output:** Supports up to four external monitors via 2x HDMI, 1x DisplayPort (DP), and 1x VGA.
- **High-Speed Data Transfer:**

- 2x USB-C 3.1 ports (10Gbps)
- 1x USB-A 3.1 port (10Gbps)
- 2x USB-A 2.0 ports (480Mbps) - Ideal for keyboard and mouse.
- **Power Delivery:** 100W USB-C PD charging port (provides 87W to laptop after 13W self-consumption).
- **Gigabit Ethernet:** 1000Mbps Ethernet port for stable and fast wired network connection.



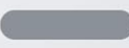
Overview of the 13-in-1 port configuration and specifications.

# 5x High-Speed Data Port

⚡ 10Gbps

USB3.1 

USB3.0  5Gbps

USB2.0  480Mbps



High-speed data transfer capabilities up to 10Gbps.



Achieve stable and faster network speeds up to 1000Mbps with the integrated Ethernet port.



Power Delivery feature, supporting up to 100W input for efficient laptop charging.

## SETUP GUIDE

Follow these steps to set up your LIONWEI 13-in-1 USB C Docking Station and configure your displays.

### 1. Verify Laptop USB-C Port Compatibility

Before connecting, ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode) or is a full-function Thunderbolt 3/4 port. Ports that only support charging or data transfer will not enable display output.



## VERIFY LAPTOP'S USB-C PORT TYPE BEFORE PURCHASE

Please confirm the supported functions of the USB-C port on your laptop



**Full Function**



**Only Charging**



**Data Video Output**



**Only Data Transfer**



**Data+Displayport Alt**



**Only Data Transfer**



Check your laptop's USB-C port functionality for display output compatibility.

## 2. Connect the Docking Station

1. Connect the USB-C cable from the docking station to your laptop's compatible USB-C port.
2. Connect your external monitors to the docking station's HDMI, DisplayPort, and/or VGA ports.
3. (Optional) Connect a power adapter to the docking station's PD port to charge your laptop.
4. (Optional) Connect other peripherals like USB devices, SD/TF cards, and an Ethernet cable.

## 3. Configure Displays (Windows OS)

For Windows systems, the docking station supports both Mirror (SST) and Extend (MST) modes, allowing for quadruple display output.

Your browser does not support the video tag.

Video: Setup instructions for the LIONWEI docking station on Windows, demonstrating display configuration.

To configure displays on Windows:

1. Right-click on your desktop and select "Display settings" or go to **Settings > System > Display**.
2. Under "Multiple displays," you can choose to:
  - **Duplicate these displays:** Shows the same content on all connected screens.
  - **Extend these displays:** Expands your desktop across all connected screens, allowing for more workspace.
3. Drag and drop the display boxes to arrange them according to your physical setup.
4. Adjust resolution and orientation for each display as needed.



# Triple 4K Display for Windows (DP1.4)

## Extend Mode

Support ABCDE



## Non-Mirror Mode



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

Windows display modes: Extend Mode (ABCDE) and Non-Mirror Mode (ABBB). Note: Connecting a fourth external monitor may reduce resolution to two 4K and two 1080p displays.



## MacOS Extend Mode (with DP1.4)

Note: MacOS does not support MST (ABC/ABCD/ABCDE).

Extend Mode HDMI 1+HDMI 2+DP



Non-Mirror Mode HDMI 1+HDMI 2+DP+VGA



Windows Extend Mode configurations for multiple displays, including resolution details.

### 4. Configure Displays (Mac OS)

For Mac OS, the docking station can only extend to one external monitor (4K@60Hz) due to MST limitations. Other monitors will mirror the extended display.

To configure displays on Mac OS:

1. Go to **System Settings > Displays**.
2. Click on the external display you wish to configure.
3. Under "Use as," select "Extended display" for the primary external monitor. Other monitors will automatically mirror this extended display.
4. Adjust resolution and refresh rate as needed.



# Triple 4K Display for macOS (DP1.4)

## Extend Mode



## Mirror Mode



Note: macOS does not support MST (ABC/ABCD/ABCDE).

Mac OS display modes: Extend Mode (ABBB) and Mirror Mode (AAAA). Note: macOS does not support MST (ABC/ABCD/ABCDE).



Mac OS Extend Mode configurations for multiple displays, including resolution details and limitations.

## OPERATING INSTRUCTIONS

The LIONWEI 13-in-1 USB C Docking Station is designed for plug-and-play functionality. No additional drivers are typically required for basic operation.

- **Connecting Peripherals:** Simply plug your USB devices (keyboard, mouse, external drives), SD/TF cards, and Ethernet cable into the corresponding ports on the docking station.
- **Hot-Plugging:** The docking station supports hot-plugging, meaning you can connect or disconnect devices without needing to restart your computer.
- **Power Delivery:** For optimal performance and to charge your laptop, ensure a compatible USB-C PD power adapter (not included) is connected to the docking station's PD port.

## MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or aerosols.
- **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 docking station.
- **Ventilation:** Ensure proper airflow around the docking station to prevent overheating, especially during prolonged use with multiple connected devices.

## TROUBLESHOOTING

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

### No Display Output:

- Ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode or Thunderbolt 3/4). Refer to your laptop's manual.

- Check all cable connections (USB-C from dock to laptop, HDMI/DP/VGA to monitors).
- Verify display settings on your operating system (Windows: Display settings; Mac: System Settings > Displays) to ensure external monitors are detected and configured correctly (Extend/Duplicate).
- Try connecting one monitor at a time to isolate the issue.
- Restart your laptop and reconnect the docking station.

**Flickering or Unstable Display:**

- Ensure all display cables are securely connected.
- Reduce the display resolution or refresh rate in your operating system's display settings.
- Ensure your laptop's graphics drivers are up to date.
- Avoid using excessively long or low-quality display cables.

**No Power Delivery (Laptop Not Charging):**

- Confirm that a compatible USB-C PD power adapter is connected to the docking station's PD port.
- Ensure the power adapter has sufficient wattage (100W recommended for full functionality).
- Check if your laptop's USB-C port supports Power Delivery input.

**USB Devices Not Recognized or Slow Data Transfer:**

- Try connecting the USB device to a different port on the docking station.
- Ensure the device is properly inserted.
- For optimal speed, use USB 3.1 ports for high-bandwidth devices.
- Some high-power USB devices may require external power or a powered USB hub.

**Ethernet Connection Issues:**

- Check the Ethernet cable connection to both the docking station and your router/modem.
- Verify network settings on your laptop.
- Ensure your router/modem is functioning correctly.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	12 x 0.5 x 5 inches
Item Weight	4.6 ounces
Manufacturer	LIONWEI
ASIN	B0DT8SPLDX
Brand	LIONWEI
Color	13-in-1 (4 Monitor)
Hardware Interface	Ethernet, HDMI, USB 2.0, USB 3.1 Type C, USB Type C, VGA

Special Feature	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

## WARRANTY AND SUPPORT

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The LIONWEI 13-in-1 USB C Docking Station comes with an **18-month product warranty**.

If you encounter any problems during use or require technical assistance, please contact LIONWEI customer support. Refer to the product packaging or the official LIONWEI website for the most up-to-date contact information.

For further assistance, you may also visit the [LIONWEI Store on Amazon](#).