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> [LIONWEI Laptop Docking Station 13 in 1 - Dual HDMI+DisplayPort+10Gbps, 6 USB C/A, 100W PD, Ethernet, SD/TF, Audio, USB C Hub for MacBook/Dell/HP/Surface 13 IN 1\(2 HDMI+DisplayPort\)](#)

LIONWEI 13 IN 1(2 HDMI+DisplayPort)

LIONWEI Laptop Docking Station 13-in-1 User Manual

PRODUCT OVERVIEW

The LIONWEI 13-in-1 Laptop Docking Station is a versatile and powerful solution designed to expand the connectivity of your laptop. This plug-and-play USB-C hub transforms a single USB-C port into a comprehensive workstation, offering a wide array of ports for enhanced productivity and multimedia experiences.

It features dual 4K HDMI outputs, a DisplayPort, 100W Power Delivery (PD) charging, multiple high-speed USB-A and USB-C 3.1 ports (10Gbps), USB-A 2.0 ports, SD/TF card readers, a Gigabit Ethernet port, and a 3.5mm audio jack. This docking station is ideal for users seeking to connect multiple peripherals, external displays, and network connections with ease.



Figure 1: LIONWEI 13-in-1 Laptop Docking Station with connected peripherals.

SETUP GUIDE

Connecting the Docking Station

1. Connect the integrated USB-C cable from the docking station to your laptop's USB-C port. Ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode) and power delivery for full functionality.
2. For power delivery, connect your laptop's USB-C power adapter to the 100W PD charging port on the docking station. The docking station will reserve approximately 18W for its operation, providing up to 82W for laptop charging.

Display Setup

The docking station supports multiple external displays via its HDMI and DisplayPort outputs.

- **For Windows Systems (with DP1.4 Source):** This docking station supports Multi-Stream Transport (MST), allowing for extended display modes across multiple monitors.
- Connect your monitors using HDMI cables to the 4K HDMI ports (up to 4K@60Hz) and/or a DisplayPort cable

to the DisplayPort (up to 4K@60Hz).

- **For macOS Systems:** macOS supports extended mode for only one external monitor (4K@30Hz) due to system limitations regarding MST. Other monitors will mirror the primary display.



For macOS with DP1.4

Triple Display
(A-BBB)



Dual Display
(A-BB)



Dual Display
(A-BC)

NOTE: macOS does not support MST.



Figure 2: Triple Display setup for Windows systems.

PD 3.0 100W Fast Charging



PD 3.0



Figure 3: Triple Display setup for macOS systems, noting MST limitations.

Port Overview

13-IN-1 USB C Docking Station



Figure 4: LIONWEI 13-in-1 Docking Station with labeled ports.

For Windows with DP1.4

Triple Display (A-BCD)



Dual Display (A-BB)



Dual Display (A-BC)



Figure 5: Close-up of the docking station's ports including HDMI, USB, and card readers.

OPERATING INSTRUCTIONS

Data Transfer and Connectivity

- **USB 3.1 Ports (USB-A/USB-C):** Utilize the three USB 3.1 ports for high-speed data transfer up to 10Gbps. These ports are backward compatible with USB 2.0/1.1 devices.
- **USB 2.0 Ports:** Two USB 2.0 ports (up to 480Mbps) are ideal for connecting peripherals like keyboards and mice.
- **SD/TF Card Readers:** Transfer files from your SD or Micro SD cards at speeds up to 200Mbps.
- **Gigabit Ethernet:** Connect to a wired network via the 1000Mbps Ethernet port for stable and fast internet access, reducing game lag and speeding up downloads.
- **3.5mm Audio/Mic Jack:** Connect headphones or external microphones for audio input and output.



Figure 6: High-speed data transfer capabilities of the docking station.

Endless Power, Instant Productivity



Figure 7: Gigabit Ethernet port for fast and stable network connection.

Power Delivery

The 100W Power Delivery port allows you to charge your laptop while using the docking station, ensuring continuous power for your workflow.



Figure 8: Power Delivery feature, showing 100W input and 85W output to the laptop.

Product Demonstrations

Video 1: Demonstration of the docking station's triple monitor display capabilities.

Video 2: Overview of the LIONWEI USB-C Hub's features and connectivity.

MAINTENANCE

To ensure the longevity and optimal performance of your LIONWEI Docking Station, follow these maintenance guidelines:

- Keep the device in a dry environment and avoid exposure to extreme temperatures or direct sunlight.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure cables are connected and disconnected gently to prevent damage to the ports.

TROUBLESHOOTING

Display Issues

- **No Display/Flickering:** Ensure your laptop's USB-C port supports DisplayPort Alt Mode. Try reconnecting the docking station and display cables. Update your laptop's graphics drivers.
- **Incorrect Resolution/Refresh Rate:** Check your display settings on your operating system. Ensure your cables and monitors support the desired resolution and refresh rate (e.g., 4K@60Hz).
- **macOS Extended Mode Limitation:** Remember that macOS only supports extended mode for one external monitor. If you connect multiple monitors, others will mirror.

Connectivity Issues

- **Slow Data Transfer:** Ensure you are using USB 3.1 compatible devices and cables for optimal speeds. Some devices may default to lower USB 2.0 speeds.
- **Ethernet Not Working:** Verify that the Ethernet cable is securely connected to both the docking station and your router/modem. Check your network settings on your laptop.
- **Peripherals Not Recognized:** Try connecting the peripheral to a different USB port on the docking station. Ensure the peripheral's drivers are up to date.

Power Delivery Issues

- **Laptop Not Charging:** Ensure your laptop's original USB-C power adapter is connected to the PD port on the docking station. Verify the power adapter's wattage is sufficient for your laptop's needs.

SPECIFICATIONS

Feature	Detail
Product Dimensions	7 x 0.75 x 2.3 inches
Item Weight	3.87 ounces (0.11 Kilograms)
Hardware Interface	USB Type C, DisplayPort, Ethernet, HDMI, SDXC, 3.5mm Audio
Compatible Devices	Headphones, Mouse, Keyboards, Laptops (Dell/HP/Lenovo/Samsung, MacBook Pro/Air)
Total USB Ports	5 (3x USB 3.1, 2x USB 2.0)
Number of Ports	13
Wattage (Power Delivery)	100 watts (82W to laptop)

WARRANTY AND SUPPORT

LIONWEI offers an 18-month product warranty for this docking station. If you encounter any problems during use, please feel free to message us through the platform where you purchased the product for assistance.