

LIONWEI 13-in-1

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

Model: 13-in-1 (B0G7F8YQ52)

INTRODUCTION

Thank you for choosing the LIONWEI 13-in-1 USB C Docking Station. This manual provides detailed instructions for setting up, operating, and troubleshooting your docking station to ensure optimal performance and connectivity for your devices. Please read this manual thoroughly before use.

PRODUCT OVERVIEW

The LIONWEI 13-in-1 USB C Docking Station is designed to expand the connectivity of your USB-C enabled laptop, offering a comprehensive solution for multiple peripherals, external displays, and power delivery.

Key Features and Ports:

- **2 x 4K HDMI Ports:** Connect up to two external displays with resolutions up to 4K@60Hz (DP1.4 Source).
- **1 x DisplayPort (DP):** Connect an external display with resolutions up to 8K@30Hz.
- **2 x USB-C Ports:** Both support 100W Power Delivery and 10Gbps data transfer.
- **1 x USB 3.1 Port:** Offers 10Gbps high-speed data transfer.
- **3 x USB 3.0 Ports:** Provides 5Gbps data transfer for various peripherals.
- **2 x USB 2.0 Ports:** Ideal for connecting mouse, keyboard, and other low-bandwidth devices.
- **1 x 3.5mm Audio Jack:** Combined audio output and microphone input.
- **1 x Gigabit Ethernet Port:** Ensures stable and fast wired network connection (up to 1000Mbps).

14-IN-1



Image: Front and side view of the LIONWEI 13-in-1 USB C Docking Station, highlighting all available ports including HDMI, DisplayPort, USB-C, USB-A, Ethernet, and Audio jack.

Your browser does not support the video tag.

Video: A quick overview of the LIONWEI 13-in-1 USB C Hub and its features, demonstrating its compact design and multiple connectivity options.

SETUP INSTRUCTIONS

1. Verify Laptop USB-C Port Compatibility

Before connecting, ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode) and power delivery for full functionality. Not all USB-C ports are identical.



Verify Your Laptop Before Purchase

Please confirm which functions of USB-C port on your laptop supports



Full function



Data + Video Output



Data + Displayport Alt



Only charging



Only Data Transfer



Only Data Transfer

Image: A visual guide illustrating various USB-C port capabilities, including full function (Thunderbolt 3), data + video output, data + DisplayPort Alt, and ports that only support charging or data transfer.

2. Connecting the Docking Station

1. Connect the integrated USB-C cable from the docking station to your laptop's compatible USB-C port.
2. Connect your external monitors to the HDMI and/or DisplayPort outputs on the docking station.
3. Connect your power adapter to the USB-C PD input port on the docking station to charge your laptop and power the dock.
4. Connect any other peripherals (USB devices, Ethernet cable, audio devices) to their respective ports on the docking station.

3. Display Configuration for Windows OS (MST Mode)

Windows systems support Multi-Stream Transport (MST) mode, allowing for extended desktop across multiple displays.

1. Ensure all monitors are connected to the docking station.
2. Right-click on your desktop and select "Display settings".
3. Under "Multiple displays", you should see your connected monitors. Click "Identify" to see which number corresponds to each screen.
4. Select each monitor and choose your preferred display mode: "Extend desktop to this display" for an extended workspace, or "Duplicate desktop" to mirror your main screen.
5. Adjust resolution and orientation as needed for each display.



Image: A Windows laptop connected to three external monitors, demonstrating a triple display setup in extended mode, with different content on each screen.



100W

Both USB C Ports Support

USB-C Data Port	USB-C PD Port
10Gbps data speed	100W power delivery

NOTE: Charger not included.

Image: A visual representation of the Windows display settings interface, showing options for extending or duplicating displays and how to use the physical button on the dock to switch display modes.

Your browser does not support the video tag.

Video: Detailed setup instructions for configuring multiple monitors with the LIONWEI docking station on a Windows operating system, including navigating display settings and adjusting resolutions.

4. Display Configuration for macOS (SST Mode)

macOS systems support Single-Stream Transport (SST) mode. This means macOS can only extend to one external screen, or mirror all screens.

1. Ensure all monitors are connected to the docking station.
2. Go to "System Settings" > "Displays".
3. You will see your built-in display and any connected external displays.
4. To extend your desktop to one external monitor, select the external display and choose "Extended display".
5. To mirror your display, select "Mirror for Built-in Display".
6. Note: macOS typically only supports extending to one additional screen, or mirroring all screens.

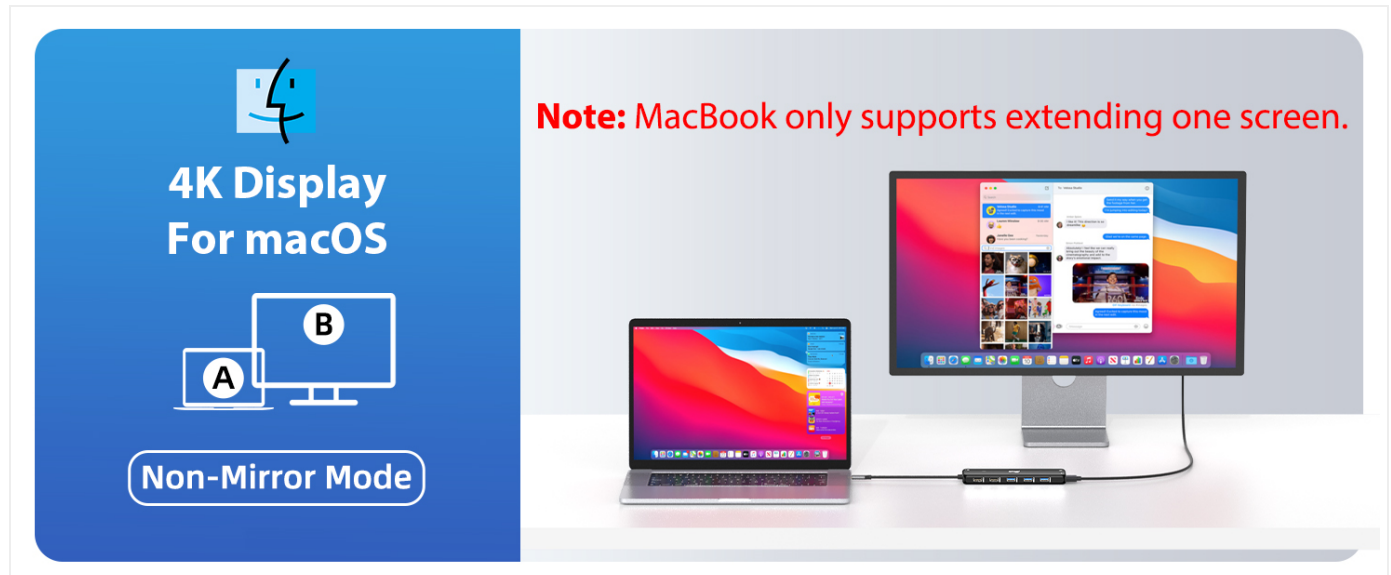


Image: A MacBook connected to a single external monitor, illustrating the non-mirror (extended) display mode for macOS, where the external screen acts as an extension of the laptop's display.



Cast Screen Button for Windows



Long press the button to turn off / wake up the external display.

PC screen only



Duplicate



Extend



Second screen only



Press the button again to switch between the 4 options.



Image: A visual guide to macOS display settings, showing how to switch between extended and mirror modes for external displays, and the function of the physical button on the docking station.

OPERATING INSTRUCTIONS

Data Transfer

The docking station provides multiple high-speed data ports:

- **USB-C 3.1 Ports:** Up to 10Gbps for fast transfer of large files.
- **USB 3.1 Port:** Up to 10Gbps for high-speed data devices.
- **USB 3.0 Ports:** Up to 5Gbps for external hard drives, flash drives, etc.
- **USB 2.0 Ports:** Up to 480Mbps, suitable for keyboards, mice, and other standard peripherals.

10Gbps High Speed Transfer



2*USB-C Port
(Both usb c ports support
10Gbps & 100W charging)



USB 3.1 Port



Image: The LIONWEI docking station connected to a laptop, with various USB devices such as a flash drive, wireless mouse receiver, and external SSD plugged into its high-speed data ports, illustrating 10Gbps transfer capabilities.

Power Delivery (PD) Charging

The docking station supports up to 100W Power Delivery. When a 100W power adapter is connected to the dock's USB-C PD input, the docking station will consume approximately 15W for its operation, providing up to 85W of charging power to your connected laptop.



Image: The LIONWEI docking station connected to a laptop and a 100W power adapter, demonstrating the power delivery function where the dock receives 100W input and provides 85W output to the laptop.

Ethernet Connection

Connect an Ethernet cable to the Gigabit Ethernet port for a stable and high-speed wired internet connection, ideal for large downloads, online gaming, and reliable streaming.

Faster & Stable Network

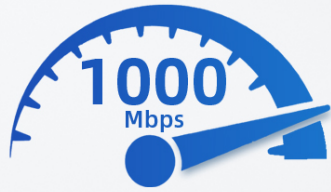


Image: The LIONWEI docking station connected to a laptop with an Ethernet cable plugged in, illustrating a stable and fast network connection at 1000Mbps.

Audio Output

Use the 3.5mm Audio/Mic 2-in-1 jack to connect headphones, speakers, or a microphone for your audio needs.

SPECIFICATIONS

Feature	Detail
Brand	LIONWEI
Model	13-in-1
Hardware Interface	3.5mm Audio, USB-C, USB-A, HDMI, DisplayPort, Ethernet
Special Feature	Plug and Play, Portable
Compatible Devices	Dell, HP, Lenovo, Samsung Laptops, MacBook Pro/Air, Mouse, Keyboards, Smartphones
Total USB Ports	8 (2x USB-C, 1x USB 3.1, 3x USB 3.0, 2x USB 2.0)
Data Transfer Rate	Up to 10Gbps (USB 3.1/USB-C), 5Gbps (USB 3.0), 480Mbps (USB 2.0), 1000Mbps (Ethernet)
Number of Ports	13
Operating System	Mac OS, Windows
Enclosure Material	Plastic
Power Delivery	100W PD (85W to laptop)
Video Output	2x HDMI (up to 4K@60Hz), 1x DisplayPort (up to 8K@30Hz)

TROUBLESHOOTING

No Display Output / Flickering Screen:

- **Check USB-C Port:** Ensure your laptop's USB-C port supports DisplayPort Alt Mode. Refer to your laptop's

specifications or the "Verify Laptop USB-C Port Compatibility" section.

- **Cable Connection:** Verify all HDMI/DP cables are securely connected to both the docking station and the monitors.
- **Resolution Settings:** Adjust the display resolution and refresh rate in your operating system's display settings. Higher resolutions or refresh rates may require specific cable types or may not be supported by all monitors.
- **Power Supply:** Ensure the docking station is receiving adequate power, especially when connecting multiple displays or power-hungry devices. Connect your laptop's power adapter to the dock's PD port.
- **Driver Updates:** Ensure your laptop's graphics drivers and USB-C drivers are up to date.

Laptop Not Charging:

- **PD Port Connection:** Confirm your laptop's power adapter is connected to the docking station's USB-C PD input port.
- **Power Adapter Wattage:** Ensure your power adapter provides sufficient wattage (e.g., 100W) for both the docking station and your laptop. The dock consumes 15W, so an 85W laptop requires at least a 100W adapter.
- **Laptop USB-C Port:** Verify your laptop's USB-C port supports Power Delivery.

USB Devices Not Recognized:

- **Reconnect:** Disconnect and reconnect the USB device.
- **Try Different Port:** Test the device in another USB port on the docking station or directly on your laptop.
- **Power:** Ensure the docking station is powered, as some USB devices require more power.

Ethernet Connection Issues:

- **Cable Check:** Ensure the Ethernet cable is securely connected to both the docking station and your router/modem.
- **Network Settings:** Check your laptop's network settings to ensure the Ethernet adapter is enabled and configured correctly.
- **Router/Modem:** Restart your router or modem.

WARRANTY AND SUPPORT

Product Warranty

The LIONWEI 13-in-1 USB C Docking Station comes with an **18-month product warranty**. This warranty covers manufacturing defects and malfunctions under normal use.

Customer Support

If you encounter any problems during the use of your LIONWEI docking station, please do not hesitate to contact our customer support team. For assistance, please refer to the contact information provided with your product packaging or visit the official LIONWEI 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