

## LIONWEI LIUC6101B

# LIONWEI USB C Docking Station User Manual

Model: LIUC6101B

## PRODUCT OVERVIEW

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The LIONWEI USB C Docking Station is a versatile 5-in-1 hub designed to expand the connectivity of your USB-C enabled devices. It supports dual 4K@60Hz video output via DisplayPort Alt Mode, high-speed 10Gbps data transfer, and 100W Power Delivery charging.

This docking station is ideal for enhancing productivity by allowing multiple external displays and connecting various peripherals through a single USB-C port on your laptop or compatible device.

### Key Features:

- **Dual 4K USB C Video Output:** Supports 4K@60Hz resolution on two external monitors via DP Alt Mode 1.4.
- **High-Speed Data Transfer:** Features two USB-C 3.1 ports with 10Gbps data transfer speeds.
- **100W Power Delivery:** Provides up to 87W pass-through charging to your laptop (charger and cable not included).
- **Multi-Stream Transport (MST) Support:** Enables extended dual-display modes for Windows laptops with Thunderbolt 4/USB 4.
- **Compact and Portable Design:** Easy to carry for on-the-go productivity.



Image: The LIONWEI USB C Docking Station, showcasing its compact design and various connectivity options including USB-C ports for video and data, and a power delivery port.

## SETUP GUIDE

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### Package Contents:

- LIONWEI USB C Docking Station (Model: LIUC6101B)
- User Manual (this document)

*Note: Power adapter and USB-C cables for monitors are not included and must be purchased separately.*

### Connecting Your Docking Station:

1. **Connect to Host Device:** Plug the integrated USB-C cable from the docking station into a fully functional USB-C port (Thunderbolt 4/USB 4 recommended) on your laptop or compatible device.

2. **Connect Power (Optional but Recommended):** For stable performance and laptop charging, connect a 100W USB-C Power Delivery (PD) charger (not included) to the PD port on the docking station. Ensure the power supply is 65W or higher to prevent charging issues.
3. **Connect External Monitors:**
  - Connect your USB-C monitors to the two USB-C DP Alt Mode ports on the docking station.
  - Ensure your monitors support DP Alt Mode for video output.
4. **Connect Peripherals:** Plug your USB-C data devices (e.g., external hard drives, USB drives) into the two USB-C 3.1 data ports.

## 5-IN-1 USB C Hub

### Video + Data Type C Port

(4K@60Hz & 10Gbps Data Transfer)



Image: A detailed view of the LIONWEI 5-in-1 USB C Hub, highlighting its various ports and their functions, including video, data, and power delivery.

# PD100W Power Delivery



Note: The Charger and Cable are not included.

Image: Illustration of the 100W Power Delivery feature, showing the docking station connected to a laptop and a power source for efficient charging.

## OPERATING INSTRUCTIONS

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### Display Modes:

The docking station supports different display modes depending on your operating system.

#### For Windows Laptops (Thunderbolt 4/USB 4 Host):

Windows operating systems support both Mirror Mode and Extended Mode (MST/SST) for dual displays. This allows you to duplicate your laptop screen or extend your desktop across two external monitors at 4K@60Hz.



# Multiple Display for Windows



**NOTE: Only applicable to laptops with fully functional USB-C ports, Thunderbolt 3/4, and USB4 ports**

Image: Visual representation of multiple display configurations for Windows, demonstrating both mirror and extended desktop modes with two external monitors.

## **For macOS Laptops:**

Due to limitations of the macOS system, this docking station only supports Mirror Mode (identical screens) when expanding to dual monitors. Extended display with different content on each external monitor is not supported on macOS.



# Multiple Display for macOS



Note: MacOS only supports displaying the same content when expanding dual monitor.



Note: Due to the limit of the macOS system, Dual-monitor MST not supported on macOS.

Image: Visual representation of multiple display configurations for macOS, showing only mirror mode support and explicitly indicating that extended mode is not supported.

## Data Transfer:

The two USB-C 3.1 data ports provide high-speed data transfer up to 10Gbps. This allows for quick transfer of large files, such as videos, photos, and documents, between your device and connected storage.

# Transfer Files in Seconds

**20X**  
faster than USB 2.0

USB 3.1 10Gbps

USB 2.0 480Mbps

**10Gbps**



Image: Demonstrating the 10Gbps data transfer capability, showing files being transferred rapidly via the docking station's USB 3.1 ports.

## Charging Functionality:

When a compatible PD charger is connected to the docking station's PD port, it can deliver up to 87W of power to your connected laptop, ensuring it stays charged during use. This allows for simultaneous charging and peripheral connectivity.

## MAINTENANCE

- Keep the docking station clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not use abrasive cleaners or solvents.

- Store the docking station in a cool, dry place when not in use.
- Avoid dropping or subjecting the device to strong impacts.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on external monitor(s)	<p>Incorrect port connection.</p> <p>Monitor not set to correct input.</p> <p>Laptop's USB-C port does not support DP Alt Mode.</p> <p>Driver issues.</p>	<p>Ensure monitors are connected to the USB-C DP Alt Mode ports.</p> <p>Manually select the correct input source on your monitor.</p> <p>Verify your laptop's USB-C port supports DisplayPort Alt Mode. Consult your laptop's manual.</p> <p>Update your laptop's graphics drivers and USB-C drivers.</p>
Dual extended display not working on macOS	<p>macOS system limitation.</p>	<p>macOS only supports mirror mode (identical screens) for dual external displays with this hub. This is a system limitation, not a product defect.</p>
Slow charging or no charging	<p>Insufficient power supply.</p> <p>Charger/cable not PD compatible.</p>	<p>Ensure you are using a 100W USB-C PD charger. A power supply lower than 65W may result in slow or no charging.</p> <p>Verify your charger and USB-C cable support Power Delivery.</p>
Data transfer issues or slow speeds	<p>Cable quality.</p> <p>Device compatibility.</p>	<p>Use high-quality USB-C cables.</p> <p>Ensure your connected device supports USB 3.1 (10Gbps) for optimal speeds.</p>

## SPECIFICATIONS

Feature	Detail
Model Number	LIUC6101B
Brand	LIONWEI
Hardware Interface	USB Type C
Video Output	Dual 4K@60Hz via USB-C DP Alt Mode 1.4

Feature	Detail
Data Ports	2 x USB-C 3.1 (10Gbps)
Power Delivery	Up to 100W input, 87W pass-through charging
Compatibility (Windows)	Thunderbolt 4/USB 4 laptops (supports MST/SST dual-display)
Compatibility (macOS)	Supports mirror mode only for dual displays
Dimensions	7.91 x 2.52 x 0.75 inches
Item Weight	3.2 ounces
Special Features	Fast Charging, Fast Data Transfer, Plug and Play, Portable

## WARRANTY AND SUPPORT

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LIONWEI products typically come with an 18-month warranty. For specific warranty details and to register your product, please refer to the warranty card included in your product packaging or visit the official LIONWEI website.

For technical support, troubleshooting assistance, or any inquiries regarding your LIONWEI USB C Docking Station, please contact our customer support team:

- **Email:** Please refer to your product packaging for direct email support.
- **Website:** [Visit the LIONWEI Store on Amazon](#)
- **24-Hour Online Service:** As indicated in product media, LIONWEI offers 24-hour online service for support.

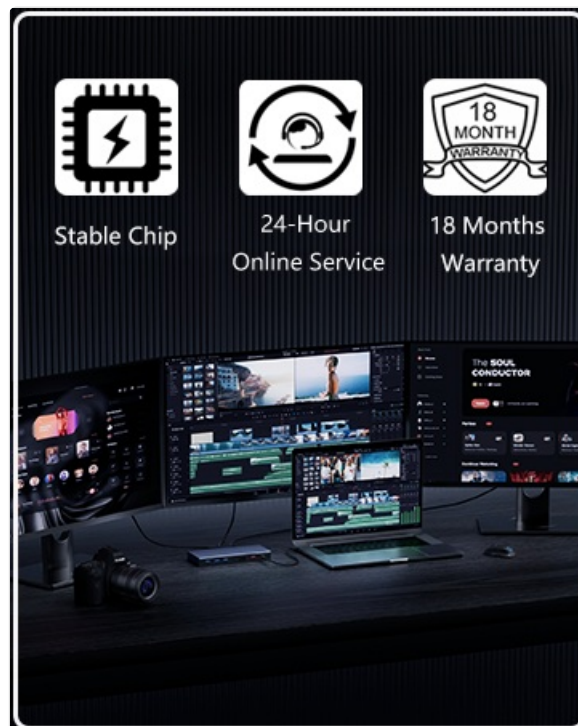


Image: LIONWEI's commitment to quality and support, highlighting stable chip technology, 24-hour online service, and an 18-month

warranty.

## OFFICIAL PRODUCT VIDEO

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Watch the official product video for a visual guide on the LIONWEI USB C Docking Station's features and usage.

Your browser does not support the video tag.

Video: An official demonstration of the LIONWEI USB C Docking Station, showcasing its various ports, connectivity, and how it functions with different devices and operating systems. This video highlights the dual monitor capabilities, power delivery, and high-speed data transfer features.

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