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› [LIONWEI 6-in-1 USB-C Dual Monitor Docking Station Instruction Manual \(Model LIUC0414\)](#)

LIONWEI LIUC0414

LIONWEI 6-in-1 USB-C Dual Monitor Docking Station

Model: LIUC0414

1. INTRODUCTION

The LIONWEI 6-in-1 USB-C Dual Monitor Docking Station (Model LIUC0414) is designed to expand the connectivity of your USB-C enabled laptop or device. It provides multiple ports for external displays, data transfer, and power delivery, enhancing your productivity and workspace flexibility. This manual provides essential information for setup, operation, maintenance, and troubleshooting.

2. PRODUCT OVERVIEW

The docking station features a compact design with various ports to connect your peripherals. Refer to the diagram below for port identification.

6 IN 1 USB C HUB

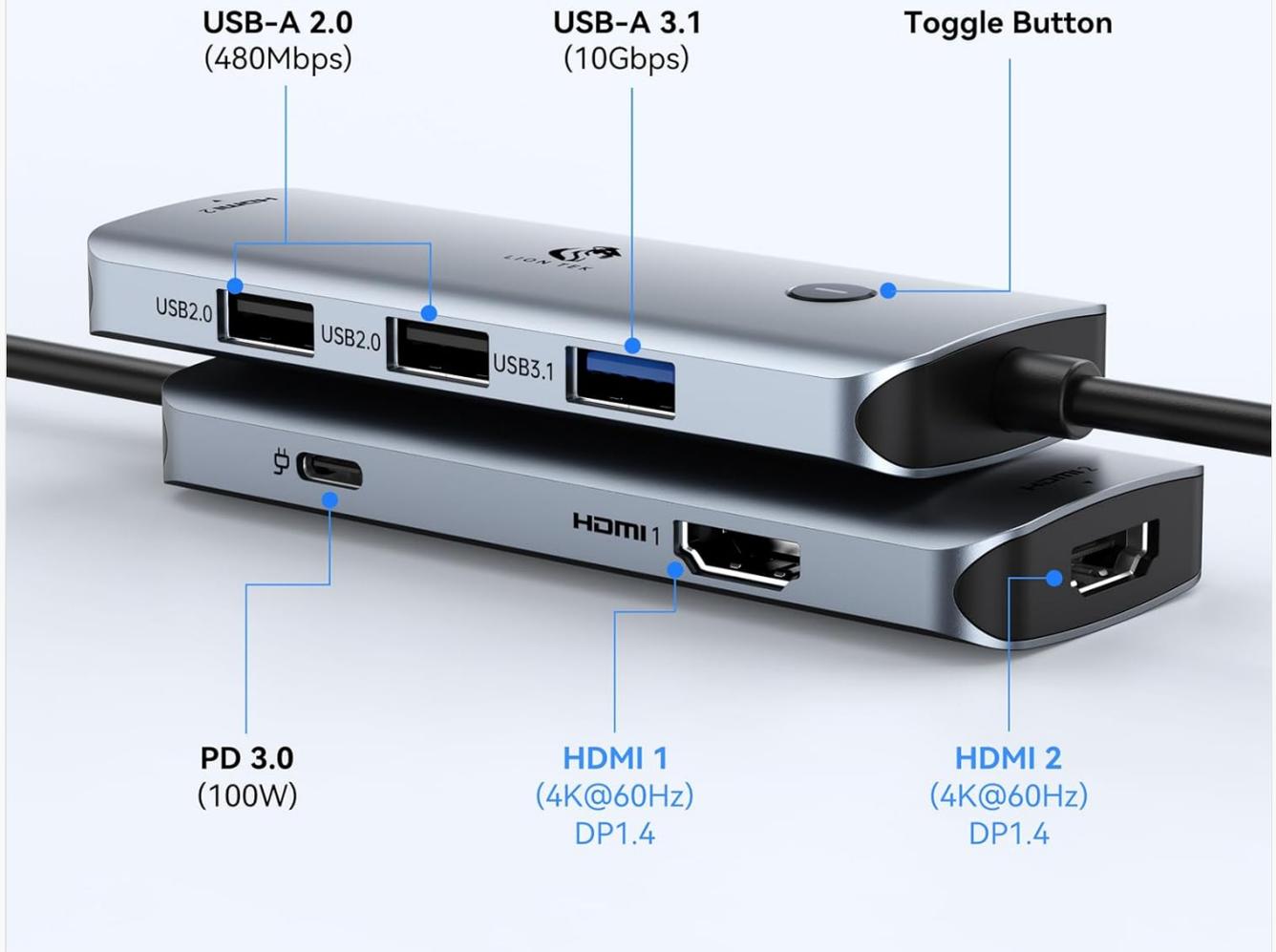


Image: Labeled diagram of the LIONWEI 6-in-1 USB-C Docking Station, showing two USB 2.0 ports, one USB 3.1 port, a toggle button on the top, and two HDMI ports (HDMI 1, HDMI 2) and a PD 3.0 port on the side.

Port Specifications:

- **USB-C Input:** Connects to your host device (laptop, tablet).
- **HDMI 1 & HDMI 2:** Dual 4K@60Hz output for external monitors.
- **USB 3.1 (USB-A):** 10Gbps data transfer speed.
- **USB 2.0 (USB-A) x 2:** 480Mbps data transfer speed, suitable for keyboard, mouse, and other low-bandwidth devices.
- **PD 3.0 (USB-C Power Delivery):** Up to 100W power input for charging your host device.
- **Toggle Button:** For switching between display modes (Windows/macOS).

3. SETUP GUIDE

Follow these steps to set up your LIONWEI docking station.

1. **Verify Laptop USB-C Port:** Ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode) or is a Thunderbolt 3/4/5 or Full Function USB-C port. Refer to your laptop's specifications or the image below for guidance.

 **VERIFY LAPTOP'S USB-C PORT TYPE BEFORE PURCHASING**

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	

Image: A diagram illustrating various USB-C port icons and their supported functions: Full Function (data, video, charging), Data+Video Output, Data+Displayport Alt Mode (all compatible); and Only Charging, Only Data Transfer (not compatible for video output).

2. **Connect Docking Station to Laptop:** Plug the USB-C cable from the docking station into a compatible USB-C port on your laptop.
3. **Connect External Monitors:** Connect your HDMI monitors to the HDMI 1 and HDMI 2 ports on the docking station using HDMI cables.

4K@60Hz Stunning Visuals



Image: A laptop connected to the LIONWEI docking station, which is then connected to a large external monitor displaying high-resolution graphics, illustrating 4K@60Hz video output.

- 4. Connect Power Adapter (Optional but Recommended):** For stable performance and to charge your laptop, connect your laptop's USB-C power adapter to the PD 3.0 port on the docking station. The docking station supports up to 100W power input.



Note: Wall charger and cable are not included.

Image: An illustration demonstrating the power delivery function, showing a wall charger connected to the docking station's PD port (100W Max Input) and the docking station providing power to a laptop (85W Max Output).

5. **Connect USB Peripherals:** Plug your USB devices (keyboard, mouse, USB drives, etc.) into the available USB 3.1 and USB 2.0 ports.

4. OPERATING MODES

4.1 Windows Display Modes

For Windows laptops with DP1.4 support, the docking station supports both MST (Multi-Stream Transport) Extend Mode and Screen Splitting Mode. Use the toggle button on the docking station to switch between these modes.

- **MST Extend Mode:** Allows for three independent displays (laptop screen + two external monitors, each showing different content).
- **Screen Splitting Mode:** Duplicates the laptop screen across the two external monitors, or extends the laptop screen to one external monitor while the other mirrors it.



Image: A diagram showing a Windows laptop connected to the docking station and two external monitors. It illustrates two display configurations: MST Extend Mode (laptop screen A, monitor B, monitor C) and Screen Splitting Mode (laptop screen mirrored or extended, external monitors showing split content), with an arrow indicating switching via a 'Click' button.

4.2 macOS Display Modes

For macOS devices with DP1.4 support, the docking station supports Mirror Mode and Screen Splitting Mode. Please note that macOS does **not** support MST (Multi-Stream Transport) for extended independent displays across multiple external monitors.

- **Mirror Mode:** All connected displays (laptop screen and external monitors) show the same content.
- **Screen Splitting Mode:** The laptop screen is extended to one external monitor, and the second external monitor mirrors either the laptop screen or the first external monitor.

Multiple Displays with DP1.4

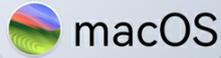


Image: A diagram showing a macOS laptop connected to the docking station and two external monitors. It illustrates two display configurations: Mirror Mode (all screens show identical content) and Screen Splitting Mode (laptop screen extended to one monitor, the other mirroring), with an arrow indicating switching via a 'Click' button. A note states 'Not Support MST Display'.

4.3 Data Transfer

The docking station provides high-speed data transfer capabilities for your USB devices.

- **USB 3.1 Port:** Offers speeds up to 10Gbps, ideal for external hard drives, SSDs, and high-speed flash drives.
- **USB 2.0 Ports:** Offers speeds up to 480Mbps, suitable for keyboards, mice, printers, and other standard peripherals.

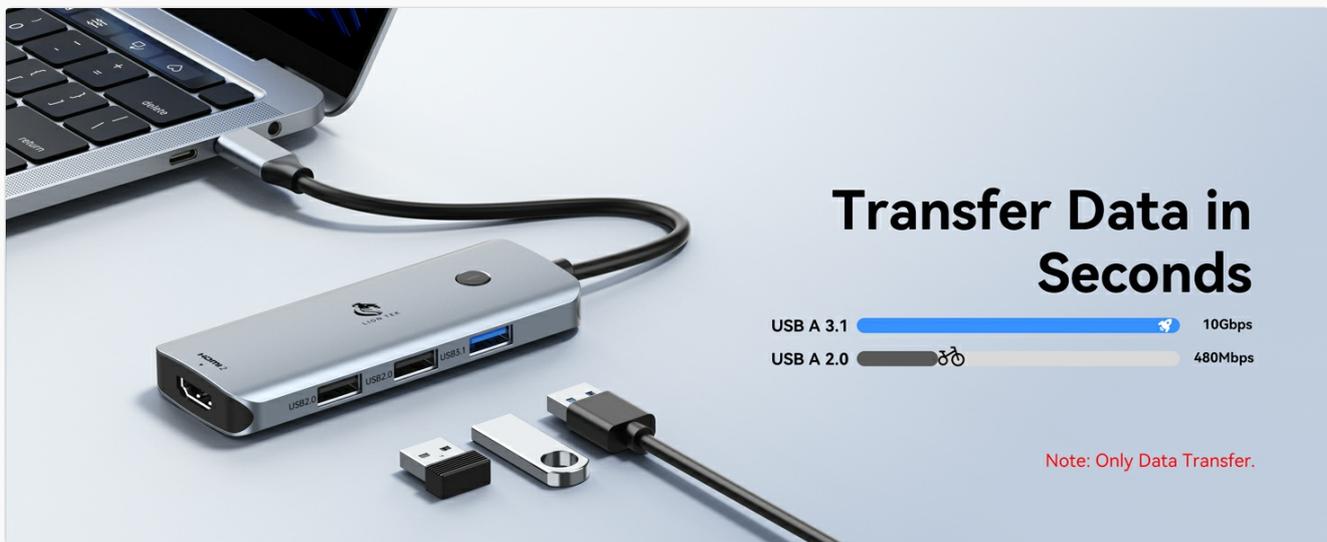


Image: An illustration showing the LIONWEI docking station with USB devices connected. A bar graph indicates USB A 3.1 transfer speed at 10Gbps and USB A 2.0 transfer speed at 480Mbps, emphasizing fast data transfer.

5. COMPATIBILITY

The LIONWEI 6-in-1 USB-C Dual Monitor Docking Station is compatible with a wide range of devices and operating systems, provided the host device's USB-C port supports the necessary functionalities.

Supported Devices:

- Laptops with Thunderbolt 3/4/5 ports.
- Laptops with full-function USB-C ports (supporting data, video, and power delivery).

- Examples include MacBook Pro/Air, iPad Pro/Air, Dell XPS, Surface series, Lenovo Yoga, HP Spectre, and other compatible models.

Supported Operating Systems:

- Windows
- macOS
- iPadOS
- ChromeOS

Wide Compatibility

Devices



MacBook Pro/Air



iPad Pro/Air



Galaxy S22



Dell XPS

Systems



macOS



iPadOS



Windows



ChromeOS



Only apply to the full functional USB-C, Thunderbolt 3/4/5, and USB4 ports on the laptop.

Image: A visual representation of the docking station's wide compatibility, showing icons for MacBook Pro/Air, iPad Pro/Air, Galaxy S22, Dell XPS, and operating systems like macOS, iPadOS, Windows, and ChromeOS. A note emphasizes compatibility only with full-function USB-C, Thunderbolt 3/4/5, and USB4 ports.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Display Output:**

- Ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode).
- Check all cable connections (USB-C to laptop, HDMI to monitors).
- Try connecting one monitor at a time to isolate the issue.
- Restart your laptop.
- Update your graphics drivers.

- **Flickering or Unstable Display:**

- Ensure the docking station is receiving adequate power, especially when connecting multiple monitors or power-hungry devices. Connect a 100W power adapter to the PD port.
- Use high-quality HDMI cables.
- Reduce the display resolution or refresh rate to see if stability improves.

- **USB Devices Not Recognized:**

- Ensure the docking station is securely connected to your laptop.
- Try connecting the USB device directly to your laptop to confirm it functions.
- Disconnect and reconnect the USB device to the docking station.
- If using a high-power USB device, ensure the docking station is powered via the PD port.

- **Laptop Not Charging:**

- Ensure your laptop's original USB-C power adapter is connected to the PD 3.0 port of the docking station.
- Verify that your laptop supports charging via its USB-C port.

- **macOS Display Limitations:**

- Remember that macOS does not support MST (Multi-Stream Transport) for extended independent displays. External monitors will either mirror your laptop screen or extend it in a limited configuration.

7. SPECIFICATIONS

Feature	Detail
Model Number	LIUC0414
Product Dimensions	5 x 2.7 x 0.5 inches
Item Weight	2.08 ounces
HDMI Ports	2 (4K@60Hz)
USB 3.1 Ports	1 (10Gbps)
USB 2.0 Ports	2 (480Mbps)
Power Delivery	PD 3.0 (Up to 100W input)
Hardware Interface	HDMI, USB 2.0, USB 3.0

Feature	Detail
Special Feature	Plug and Play
Compatible Devices	Projectors, Tablets, Keyboards, Monitors, Laptops with Thunderbolt 3/4 or Full Function USB-C Port, Televisions

8. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts. Do not attempt to disassemble or modify the docking station.
- **Ventilation:** Ensure the device has adequate ventilation during use to prevent overheating.

9. WARRANTY AND SUPPORT

The LIONWEI 6-in-1 USB-C Dual Monitor Docking Station comes with an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For technical support, warranty claims, or any inquiries, please contact LIONWEI customer service. We offer **24-hour online service** to assist you.

You can typically find contact information on the product packaging, the official LIONWEI website, or through your purchase platform.