

LENTION CB-D53

LENTION CB-D53 USB-C Docking Station User Manual

Model: CB-D53

1. PRODUCT OVERVIEW

The LENTION CB-D53 USB-C Docking Station is a versatile accessory designed to expand the connectivity of your USB-C enabled laptop, tablet, or smartphone. It features a comprehensive array of ports, including 100W Power Delivery, 4K HDMI output, Gigabit Ethernet, multiple USB 3.0 and USB 2.0 ports, and a 3.5mm audio jack. Its detachable design allows for both vertical and horizontal placement, optimizing desktop space and portability.

This docking station is engineered to provide stable performance, ensuring non-interference between connected peripherals, sufficient power supply, and operation within normal temperature ranges, adhering to the Stable Driver 3.0 standard.



Image 1.1: Overview of the LENTION CB-D53 Docking Station, highlighting its compact design and multiple connectivity options.



Image 1.2: The docking station shown in its vertical orientation with the detachable stand, illustrating its space-saving design.

2. SETUP INSTRUCTIONS

Follow these steps to set up your LENTION CB-D53 USB-C Docking Station:

1. **Unpack the Device:** Carefully remove the docking station and its accessories from the packaging.
2. **Choose Orientation:** Decide whether to use the docking station vertically with the included stand or horizontally without it. The stand is easily attachable/detachable.
3. **Connect to Host Device:** Use the integrated USB-C cable (3.3ft) to connect the docking station to a full-function USB-C or Thunderbolt 3/4 port on your laptop, tablet, or smartphone. Ensure a secure connection.
4. **Connect Power Adapter (Optional but Recommended):** For optimal performance and to charge your host device, connect a USB-C Power Delivery (PD) charger (up to 100W, not included) to the PD port on the docking station. Use a compatible USB-C PD 3.1 cable if your charger is 140W or higher.
5. **Connect Peripherals:**
 - **HDMI Display:** Connect an HDMI cable from your monitor to the HDMI port on the docking station for up to 4K@60Hz video output.
 - **Ethernet:** For a stable wired network connection, plug an Ethernet cable into the Gigabit Ethernet port.
 - **USB Devices:** Connect USB peripherals such as keyboards, mice, external drives, or printers to the available USB 3.0 (5Gbps) and USB 2.0 (480Mbps) ports.
 - **Audio Devices:** Plug headphones, speakers, or a microphone into the 3.5mm audio jack.

9 In 1 Docking Station

Multi-fuction to Expand Your Laptop

100 W power
Charging only



PD

480Mbps
Fast transmission



USB2.0

RJ45 Gigabit
10/100/1000 Mbps



Ethernet

4K@60Hz
External HD large screen

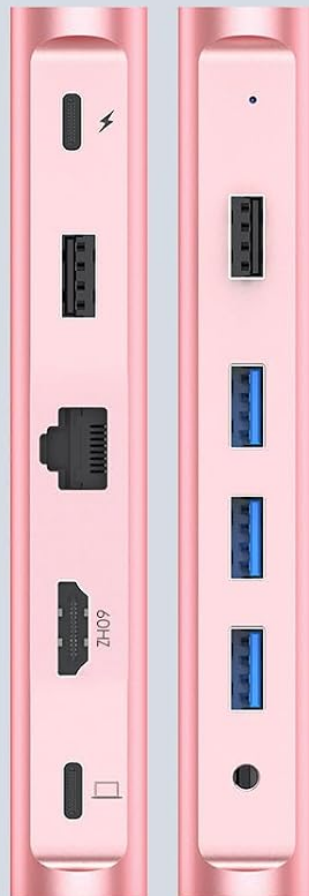


HDMI

To host
Compatible with
full-function USB-C or
Thunderbolt 3 port



Type-C



USB2.0

480Mbps

Fast transmission



USB*3

5 Gbps
High speed
transmission



Audio Frequency

3.5 mm
Audio Output &
Mic Input

Image 2.1: The docking station connected to a laptop, demonstrating various peripheral connections.



Image 2.2: Illustrates connecting a power adapter to the docking station for power delivery to the host device.

Your browser does not support the video tag.

Video 2.1: Official LENTION video demonstrating the setup and organization benefits of the vertical docking station.

3. OPERATING INSTRUCTIONS

The LENTION CB-D53 Docking Station operates on a plug-and-play principle for most functions. Once connected to your host device and peripherals, it should function automatically.

- **Display Output:** Your operating system should automatically detect the connected HDMI display. You may need to adjust display settings (e.g., resolution, extended/mirrored display) within your device's system preferences. The docking station supports up to 4K@60Hz.
- **Network Connectivity:** The Gigabit Ethernet port provides a stable wired internet connection. Ensure your device's network settings are configured for a wired connection if necessary.
- **USB Peripherals:** USB 3.0 ports offer high-speed data transfer (up to 5Gbps), ideal for external hard drives or flash drives. USB 2.0 ports are suitable for keyboards, mice, and other standard peripherals.
- **Power Delivery:** When a compatible USB-C PD charger is connected to the docking station's PD port, it will pass through power to charge your connected laptop or host device. The docking station itself does not supply power without an external power source.
- **Audio Output:** The 3.5mm audio jack provides stereo audio output and microphone input. Select the docking station as your audio output/input device in your system settings.



Image 3.1: A laptop connected to an external monitor through the docking station's HDMI port.



Image 3.2: The docking station providing a wired Ethernet connection to a laptop.

4. MAINTENANCE

To ensure the longevity and optimal performance of your LENTION CB-D53 Docking Station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the docking station. Avoid using liquid cleaners, aerosols, or solvents.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid sharp bends or excessive pulling on the integrated USB-C cable and any connected cables to prevent damage.
- **Ventilation:** Ensure the docking station has adequate airflow around it, especially when multiple devices are connected and power delivery is active, to prevent overheating.
- **Disconnect Safely:** Always safely eject external storage devices connected through the docking station before unplugging them or the docking station itself to prevent data corruption.

5. TROUBLESHOOTING

If you encounter issues with your LENTION CB-D53 Docking Station, try the following solutions:

- **No Display Output:**
 - Ensure the HDMI cable is securely connected to both the monitor and the docking station.
 - Verify that the docking station's USB-C cable is plugged into a full-function USB-C or Thunderbolt port on your host device. Some USB-C ports only support data, not video output.
 - Check your host device's display settings to ensure the external monitor is detected and configured correctly (e.g., extended, mirrored).
 - Try a different HDMI cable or monitor if available.
- **Peripherals Not Detected (USB, Ethernet, Audio):**
 - Ensure all cables are firmly connected.
 - Disconnect and reconnect the docking station from your host device.
 - Restart your host device.
 - Test the peripheral directly with your host device (if possible) to rule out a device-specific issue.
 - For Windows users experiencing issues, particularly with USB devices, consider the following advanced steps (consult your device manufacturer if unsure):
 - a. Disconnect all peripherals from your computer.
 - b. Go to Device Manager.
 - c. Scroll to "USB Connector Managers," right-click "UCM-UCSI ACPI Device," and select "Turn Off." Then "Turn On."
 - d. In "Universal Serial Bus Controllers," locate "USB 3.10 Extensible Host Controller-1.20 Microsoft" (may appear twice). Delete each instance.
 - e. Close Device Manager and reboot your computer. The drivers will reinstall automatically.
 - f. Reconnect the docking station, ensuring the host cable is connected to your computer's USB-C port and an external power supply (65W-100W PD) is connected to the charging port.

• **Slow Charging or No Power Delivery:**

- Ensure your external USB-C PD charger is connected to the docking station's PD input port and is capable of delivering sufficient wattage (up to 100W).
- Verify that your host device supports USB-C Power Delivery.
- Use the USB-C cable provided with the dock or a high-quality USB-C PD cable.

• **Intermittent Connections:**

- Ensure all connections are secure and cables are not damaged.
- Avoid placing the docking station near strong electromagnetic interference sources.
- Ensure the docking station is not overheating. Provide adequate ventilation.

6. SPECIFICATIONS

Feature	Detail
Model Number	CB-D53 (Mfr Part Number: CB-TP-D53HEA-CCN-ROG-AE)
Brand	LENTION
Color	Rose Gold
Dimensions (L x W x H)	5.27" x 2.67" x 0.82" (13.4cm x 6.7cm x 2.0cm)
Host Connection	Integrated USB-C cable (3.3ft)
Power Delivery	Up to 100W via USB-C PD input port (charger not included)
HDMI Output	1x HDMI, up to 4K@60Hz (downward compatible with 2K, 1080P, 720P at 60Hz)
Ethernet Port	1x Gigabit Ethernet (RJ45, 10/100/1000 Mbps)
USB Ports	3x USB 3.0 Type-A (up to 5Gbps), 2x USB 2.0 Type-A (up to 480Mbps)
Audio Port	1x 3.5mm Audio (input & output)
Total Ports	10 (including host cable)
Compatibility	MacBook Pro (13"/14"/15"/16", 2016-2026, including M1/M2/M3/M4/M5 series), MacBook Air (2018-2026), iMac & iMac Pro, MacBook 12", Surface Pro/Book/Go (with USB-C port), Chromebook, Dell XPS, HP Spectre/ENVY, Lenovo Yoga, and other full-function Type-C laptops, tablets, and smartphones.
Certifications	Stable Driver 3.0 Certified



Image 6.1: Detailed view of the docking station with key dimensions and port types indicated.

7. WARRANTY AND SUPPORT

The LENTION CB-D53 USB-C Docking Station comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For technical support, warranty claims, or any questions regarding your product, please contact LENTION customer service through their official website or the retailer where the product was purchased. Please have your purchase receipt and model number ready when contacting support.

You can visit the official LENTION store for more information and support resources: [LENTION Official Store](#)

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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

