Lemorele TC200

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

Model: TC200 | Brand: Lemorele

Introduction

The Lemorele 13-in-1 USB C Docking Station is a versatile multiport hub designed to expand the connectivity of your USB Type-C enabled laptop. It allows for easy extension of a single USB-C port to multiple displays, USB peripherals, card readers, and provides power delivery, streamlining your workspace and enhancing productivity.



Image: The Lemorele 13-in-1 USB C Docking Station, showcasing its compact design and the array of cables and devices it can connect, including USB drives, SD cards, HDMI, and VGA cables.

Key Features

- **13-in-1 Connectivity:** Extends one USB Type-C port to include dual HDMI, VGA, 3 USB 3.0, 1 USB-C 3.0, 2 USB 2.0 ports, a USB-C Power Charging Port (max 100W), SD/Micro SD card readers, and a 3.5mm Mic/Audio jack.
- **Dual & Triple Monitor Support:** Easily achieve dual or triple monitor displays. Single HDMI 1 supports up to 4K 30Hz (under DP1.4 source). Dual HDMI supports up to 4K@30Hz & 2K@60Hz. Triple display (HDMI 1 + HDMI 2 + VGA) supports up to 1080P (under DP1.4 source).
- **High-Speed Data Transfer:** Features 3 USB 3.0 (5Gbps) and 1 USB-C (5Gbps) ports for rapid data transfer, along with 2 USB 2.0 (480Mbps) ports. SD/TF card slots offer fast speeds up to 104MB/S.
- **100W Power Delivery (PD):** Supports up to 100W input and 87W (safe) output to charge your laptop while connecting multiple power-consuming peripherals. Ensure your laptop's USB-C port supports power delivery.

- **Plug and Play:** No driver installation required for most operating systems, offering immediate functionality.



Image: A detailed diagram illustrating all 13 available ports on the docking station, including USB 3.0, HDMI, VGA, PD, Audio, USB 2.0, USB-C, SD, and TF slots.

Setup Guide

1. **Verify Laptop Compatibility:** Ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode) and/or Power Delivery.

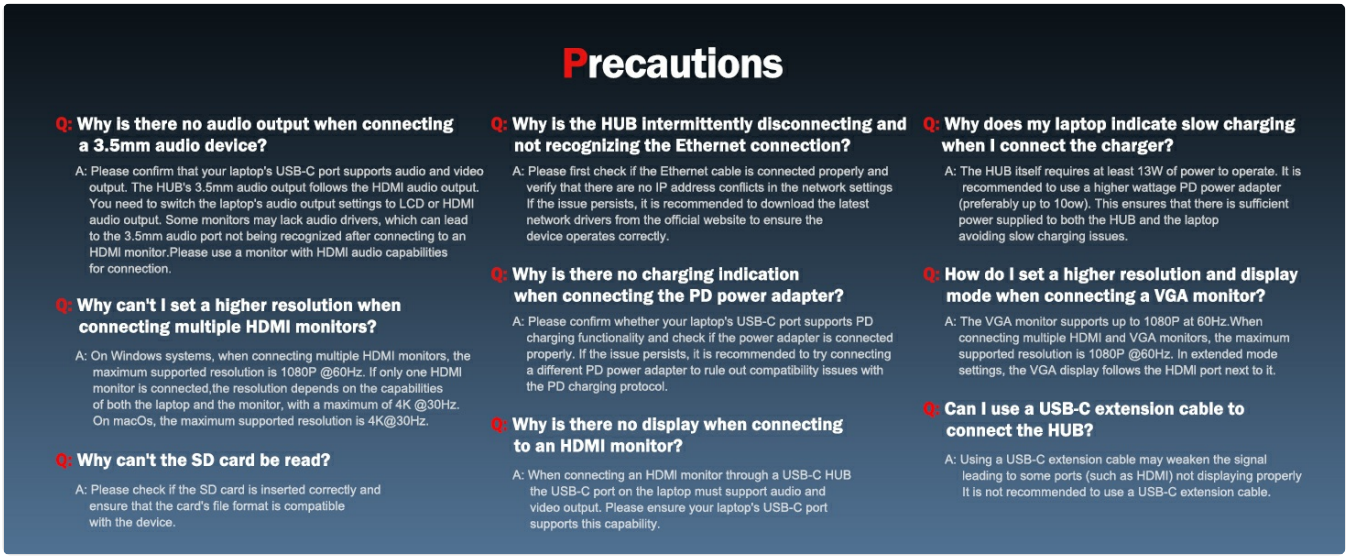


Image: Visual guide to identifying compatible USB-C ports on laptops, distinguishing between Thunderbolt 3/4, Data+Displayport Alt, and Data+PD Displayport Alt (compatible) versus Data Transfer Only, Charging Only, and Data+Power Delivery Only (incompatible for video/PD).

2. **Connect the Docking Station:** Plug the USB-C cable from the docking station into your laptop's compatible USB-C port.
3. **Connect Power Adapter (Optional but Recommended):** For stable power delivery and to support high-power consumption peripherals, connect your laptop's power adapter (or a separate 65W+ USB-C PD adapter) to the USB-C Power Charging Port on the docking station.



Image: The docking station connected to a laptop via USB-C, with a 100W power adapter plugged into the docking station's PD port, illustrating power passthrough functionality.

4. **Connect External Displays:**
   - For single or dual monitors, use the HDMI ports.
   - For triple monitors, use both HDMI ports and the VGA port.



Image: A laptop connected to two external monitors through the docking station, demonstrating a dual display setup.

5. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external hard drives, USB flash drives) into the available USB 3.0 and USB 2.0 ports. Insert SD or Micro SD cards into their respective slots.
6. **Audio Connection:** Connect headphones or speakers to the 3.5mm audio jack.

Operating Instructions

Multi-Monitor Display Modes

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

Windows Display Modes:

Windows laptops support both Mirror Mode (A→A+A+A) and Extended Mode (A→B+B+C) for multi-monitor setups, allowing for diverse productivity configurations.

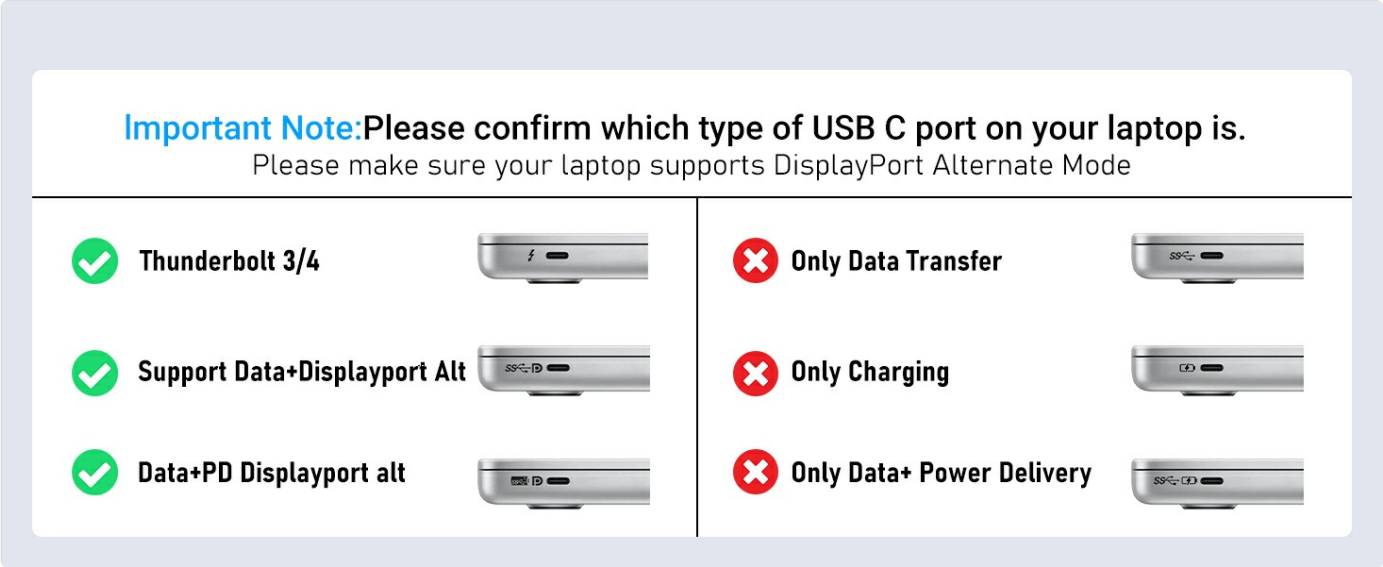


Image: Visual representation of Windows display modes, showing how the laptop screen (A) can be mirrored across all external monitors or extended to create distinct displays (B, C) across multiple monitors.

macOS Display Modes:

macOS laptops only support SST (Single Stream Transport) mode, meaning all external monitor screens will display the same content (A→A+A+A). Extended mode (A→B+B+B) is supported where all external monitors show the same extended content, but not independent extended displays (A→B+C+D).



Image: Visual representation of macOS display modes, showing how the laptop screen (A) can be mirrored across all external monitors, or extended where all external monitors display the same extended content (B).

Data Transfer

Utilize the USB 3.0 and USB-C 3.0 ports for high-speed data transfer up to 5Gbps. The SD and TF card slots provide quick access to media files at speeds up to 104MB/s.



Image: A laptop connected to the docking station, demonstrating ultra-fast data transfer speeds of 5Gbps when using USB 3.0 ports, significantly faster than USB 2.0.

Power Delivery

The USB-C PD port supports up to 100W input and 87W output, allowing you to charge your laptop efficiently while using

the docking station. Ensure your laptop's USB-C port supports Power Delivery protocol.

Compatibility

This docking station is compatible with most Thunderbolt 3/4 devices and USB-C ports that support DisplayPort Alternate Mode and Power Delivery. Compatible models include, but are not limited to:

- MacBook Pro (2020/2019/2018/2017/2016)
- MacBook Air (2020/2019/2018)
- Dell XPS 13/15
- Lenovo Yoga 720/910/920/930
- Microsoft Surface Book 2 / Surface Go / Surface Laptop 3
- Dell Latitude 13 7000 / Latitude 13 E7370
- And other laptops with full-featured USB-C or Thunderbolt ports.

Important Note:

- Incompatible laptops may not utilize the HDMI/VGA ports.
- macOS laptops only support SST mode for external monitors, meaning all external screens will display the same content.
- If a system warning appears when charging, ensure your power adapter is at least 65W.

Troubleshooting

Refer to the following common issues and their solutions:

Issue	Solution
No display when connecting to an HDMI monitor.	Disconnect the hub from the laptop, shut down the laptop, then press and hold the power button for 40 seconds to discharge any static electricity. After that, reconnect the hub and try again. Ensure your laptop's USB-C port supports video output.
External hard drive not recognized or connection drops when transferring data.	High-power consumption external hard drives may require more power. It is recommended to use a PD power adapter connected to the hub's USB-C PD port to ensure stable power supply and prevent connection interruptions.
No audio output when connecting a 3.5mm audio device.	Confirm your laptop's USB-C port supports audio and video output. The hub's 3.5mm audio output follows the HDMI audio output. You may need to switch the laptop's audio output settings to LCD or HDMI audio output. Some monitors may lack audio drivers. Use a monitor with HDMI audio capabilities for connection.
Cannot set a higher resolution when connecting multiple HDMI monitors.	On Windows systems, when connecting multiple HDMI monitors, the maximum supported resolution is 1080P @ 60Hz. If only one HDMI monitor is connected, the resolution depends on the capabilities of both the laptop and the monitor, with a maximum of 4K @ 30Hz. On macOS, the maximum supported resolution is 4K @ 30Hz.
SD card cannot be read.	Ensure the SD card is inserted correctly and that the card's file format is compatible with the device.

Issue	Solution
Hub intermittently disconnecting and not recognizing Ethernet connection.	First check if the Ethernet cable is connected properly and verify that there are no IP address conflicts in the network settings. If the issue persists, it is recommended to download the latest network drivers from the official website to ensure the device operates correctly.
No charging indication when connecting the PD power adapter.	Confirm whether your laptop's USB-C port supports PD charging functionality and check if the power adapter is connected properly. If the issue persists, it is recommended to try connecting a different PD power adapter to rule out compatibility issues with the PD charging protocol.
My laptop doesn't have a USB-C port. Can I use a USB-A adapter?	No, using a USB-A adapter to connect the hub will result in the HDMI and other ports being unable to output audio and video, causing the monitor and other devices to not function properly.
Why can't a MacBook achieve triple-screen extended display when connected to multiple HDMI monitors?	macOS does not support MST (Multi-Stream Transport) technology. As a result, only mirroring (AAA) or duplicating the same extended display (BBB) is supported, and triple-screen extended mode is not supported.
Does the hub require driver installation before use?	The hub is a plug-and-play external device and generally does not require manual driver installation.
Does the hub's HDMI port support other refresh rates?	By default, it supports 1080P @60Hz and 4K @30Hz resolutions. When connecting a single HDMI monitor, the resolution display depends on the laptop's USB-C port and the monitor's supported resolution (e.g., 2560x1440P @144Hz).
Can a USB-C monitor be connected?	No, the hub's USB-C PD port only supports connecting to a PD power adapter, and the USB-C data port only supports connecting storage devices for data transfer. To connect a monitor, please use the HDMI connection.
Can the 3.5mm audio port be used for microphone input?	The 3.5mm audio port only supports audio output and does not support microphone input.
Why does my laptop indicate slow charging when I connect the charger?	The hub itself requires at least 15W of power to operate. It is recommended to use a higher wattage PD power adapter (preferably up to 100W). This ensures that there is sufficient power supplied to both the hub and the laptop, avoiding slow charging issues.
How do I set a higher resolution and display mode when connecting a VGA monitor?	The VGA monitor supports up to 1080P at 60Hz. When connecting multiple HDMI and VGA monitors, the maximum supported resolution is 1080P @60Hz. In extended mode settings, the VGA display follows the HDMI port next to it.
Can I use a USB-C extension cable to connect the hub?	Using a USB-C extension cable may weaken the signal leading to some ports (such as HDMI) not displaying properly. It is not recommended to use a USB-C extension cable.

SPECIFICATIONS

Attribute	Detail
Model Number	TC200
Product Dimensions	6.69 x 1.69 x 0.53 inches
Item Weight	3.8 ounces
Hardware Interface	HDMI, USB 3.0, USB 2.0, USB-C, VGA, SD, TF, 3.5mm Audio
Power Delivery	Up to 100W input, 87W output
HDMI Resolution	Single HDMI 1: Up to 4K@30Hz (DP1.4 source); Dual HDMI: Up to 4K@30Hz & 2K@60Hz; Triple Display (HDMI+HDMI+VGA): Up to 1080P (DP1.4 source)
USB Data Speed	USB 3.0/USB-C 3.0: 5Gbps; USB 2.0: 480Mbps
Card Reader Speed	Up to 104MB/S (SD/TF)
Color	Black
Manufacturer	Lemorele
Country of Origin	China

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 attempt to disassemble or repair the device yourself. Refer to qualified personnel for service.
- Disconnect the device when not in use for extended periods.

Warranty and Support

Lemorele products are designed for reliability and performance. For warranty information and technical support, please refer to the official Lemorele website or contact their customer service directly.
You can visit the Lemorele Store on Amazon for more information and support resources.
Lemorele's mission is to provide great value to users and innovate technology. They are user-centered, sincere, and dedicated to innovative technology.

Product Video

Watch the official product video for a visual guide on the Lemorele 13-in-1 USB C Docking Station's features and usage.

Your browser does not support the video tag.

Video: An overview of the Lemorele 13-in-1 USB C Docking Station, demonstrating its unique design, USB 3.0 data transfer capabilities, multi-monitor support for both Mac OS and Windows, and overall functionality.

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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