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Lemorele TC100

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

Model: TC100

Brand: Lemorele

Product Overview

The Lemorele 13-in-1 USB C Docking Station is a versatile multiport adapter designed to expand the connectivity of your USB-C enabled devices. It allows for triple monitor display, high-speed data transfer, stable network connection, and efficient power delivery, making it an ideal solution for enhancing productivity and managing multiple peripherals.



The Lemorele 13-in-1 USB C Docking Station, showcasing its compact design and multiple ports for expanded connectivity.

Key Features

- **13-in-1 Connectivity:** Extends one USB Type C port to 2* HDMI 4K + 1* VGA + 1* Aux 3.5mm jack + 1* Gigabit Ethernet + 2* USB 3.0 + 2* USB 2.0 + 1* Type-C Data + 1* Type-C PD 100W + SD/TF card reader.
- **Triple Display Support:** Supports up to 4K@30Hz resolution on a single 4K display. Dual HDMI and VGA ports allow for various multi-monitor setups.
- **Ultra-Fast Data Transfer:** Features 2 USB 3.0 (5Gbps), 2 USB 2.0 (480Mbps), and 1 USB-C Data (5Gbps) ports for quick connection of peripherals and external storage.
- **High-Speed Card Reader:** SD/TF card slots support data transfer speeds up to 104MB/s.
- **Gigabit Ethernet:** RJ-45 port automatically adapts to 10/100/1000M Ethernet for stable wired network access.
- **100W Power Delivery:** Supports up to 100W input and 87W output for charging your laptop while using the hub.
- **Wide Compatibility:** Compatible with all systems and devices with USB-C ports that support video output, including Mac OS, Windows, Chrome OS, Android, iOS, and Linux.

Package Contents

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

Setup Guide

System Requirements

- **Operating Systems:** Mac OS, Windows, Chrome OS, Android, iOS, Linux.
- **Compatible Devices:** Laptops, tablets, and mobile phones with a full-featured USB-C port (supporting data, video output, and power delivery).

Important Note: Please ensure your laptop's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode) for video output functionality. Incompatible laptops may not be able to use the HDMI/VGA ports.



Verify your USB-C port type to ensure full compatibility with the docking station's video output features.

Connecting the Docking Station

1. Connect the USB-C cable from the docking station to a compatible USB-C port on your laptop or device.
2. For power delivery, connect your laptop's power adapter (at least 65W recommended) to the USB-C PD port on the docking station.
3. Connect your desired peripherals (monitors, USB devices, Ethernet cable, SD/TF cards, audio devices) to the corresponding ports on the docking station.



The docking station supports up to 100W Power Delivery for charging your laptop.

Driver Installation

The Lemorele 13-in-1 USB C Docking Station is generally plug-and-play and does not require manual driver installation for most modern operating systems. However, if you connect to a computer with a system lower than Windows 8 for the

first time, you may need to install a driver.

Operating Instructions

Display Modes (Triple Monitor Support)

The docking station supports various display configurations for multiple monitors:

- **Single HDMI Port:** Supports a maximum resolution of 4K@30Hz on a 4K display for both Mac OS and Windows systems.
- **Two HDMI Ports Simultaneously:** Mac OS systems support a maximum of 4K@30Hz. Windows systems support a maximum of 1080p@60Hz.
- **VGA or HDMI + VGA Ports:** Maximum support is 1080p@60Hz.

Note for Mac OS: Mac OS laptops only support SST mode (AAAA and ABBB mode), meaning all external monitor screens will display the same content (mirror mode) or an extended desktop where all extended displays show the same content. True extended display (A+B+C) is not supported across multiple external monitors on Mac OS.

Mac Os

1.Mirror mode

A → A+A+A



2.Extended mode

A → B+B+B



Windows

1.Mirror mode

A → A+A+A

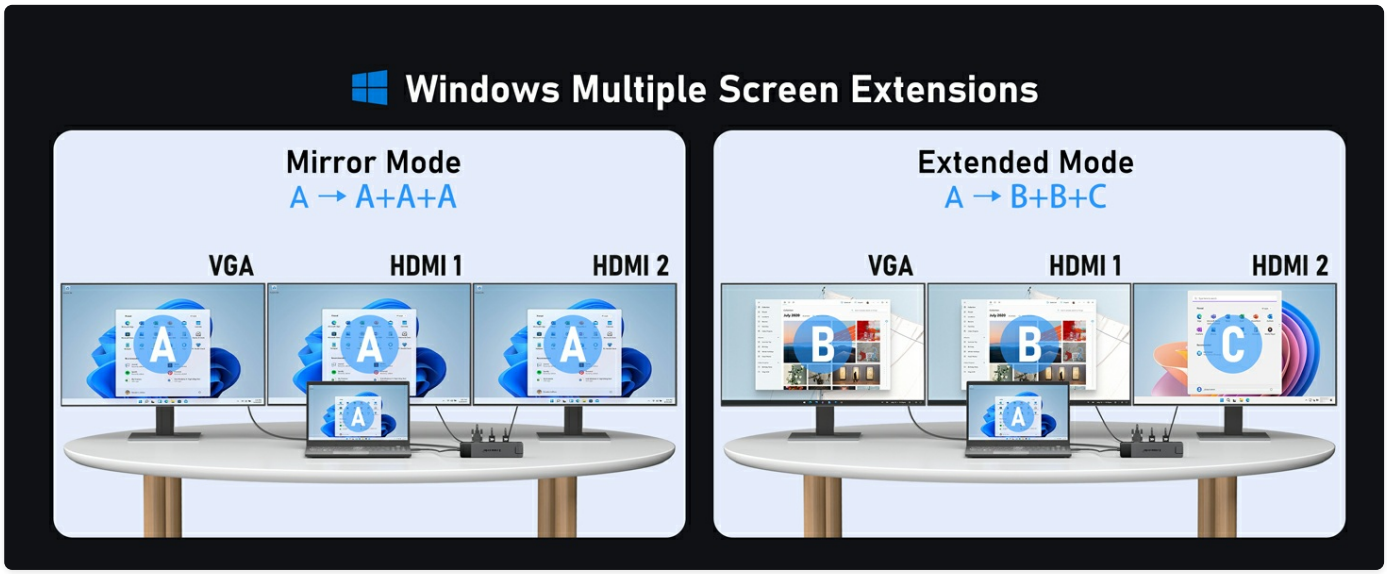


2.Extended mode

A → B+B+C



Mac OS Display Modes: Mirror and Extended (all extended screens show the same content).



Windows Multiple Screen Extensions: Supports both Mirror and true Extended modes (A+B+C).

Data Transfer

The docking station provides multiple USB ports for high-speed data transfer:

- **USB 3.0 Ports (x2):** Offers speeds up to 5Gbps, ideal for connecting external hard drives, SSDs, and high-speed flash drives.
- **USB 2.0 Ports (x2):** Offers speeds up to 480Mbps, suitable for connecting keyboards, mice, and other standard USB peripherals.
- **USB-C Data Port (x1):** Provides data transfer at 5Gbps.



High-speed data transfer via USB 3.0 ports, significantly faster than USB 2.0.

SD/TF Card Reader

The integrated SD and TF card slots allow for convenient and fast access to memory cards, supporting speeds up to 104MB/s. You can read both SD and TF cards simultaneously.



Simultaneous reading and writing of SD and TF cards.

Ethernet Connection

The RJ-45 Gigabit Ethernet port provides a stable and high-speed wired network connection, automatically adapting to 10/100/1000M Ethernet speeds.



Enjoy stable Gigabit Ethernet speeds for reliable internet access.

Audio Functionality

The 3.5mm Aux jack supports audio output, allowing you to connect headphones or speakers for an enhanced audio experience.

Your browser does not support the video tag.

Official product video demonstrating the 13-in-1 USB C Docking Station's features, including dual 4K HDMI output.

Maintenance

To ensure the longevity and optimal performance of your Lemorele 13-in-1 USB C Docking Station, follow these maintenance guidelines:

- Keep the device in a dry environment and avoid exposure to moisture or extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid dropping or subjecting the device to strong impacts.
- When not in use, disconnect the hub from your devices and store it properly to prevent damage to the cable or ports.

Troubleshooting

Problem	Solution
How do I set the HDMI monitor to mirror or extend mode?	**Windows OS:** Press the Windows + P keys to select the display mode, or go to "System Settings" and find "Display Settings" to adjust the display mode. **Mac OS:** Open "System Preferences" go to the "Displays" option, and from there, you can choose to set the display to mirror or extend mode.
The laptop's USB-C port supports audio and video output, so why is there no display when connecting to an HDMI monitor?	Please try disconnecting the HUB from the laptop, shutting down the laptop, and then pressing and holding the power button for 40 seconds to discharge any static electricity. After that reconnect the HUB and try again.
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.
Why is the external hard drive not recognized or does the connection unexpectedly drop when transferring data?	The external hard drive may draw more power than the laptop's USB-C port can supply, causing connection issues. 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.
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.

Problem	Solution
Why can't a MacBook achieve triple-screen extended display when connected to multiple HDMI monitors?	Mac OS does not support MST (Multi-Stream Transport) technology. As a result, only mirroring (A+A+A) or duplicating the same extended display (A+B+B) is supported, and true triple-screen extended mode is not supported.
Why is there no audio output when connecting a 3.5mm audio device?	Please confirm that your laptop's USB-C port supports audio and video output. The HUB's 3.5mm audio output follows the HDMI audio output. You need to switch the laptop's audio output settings to LCD or HDMI audio output. Some monitors may lack audio drivers, which can lead to the 3.5mm audio port not being recognized after connecting to an HDMI monitor. Please use a monitor with HDMI audio capabilities for connection.
Why is the HUB intermittently disconnecting and not recognizing the Ethernet connection?	Please 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.
Why is there no charging indication when connecting the PD power adapter?	Please 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.
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.
Why can't the SD card be read?	Please check if the SD card is inserted correctly and ensure that the card's file format is compatible with the device.
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.

SPECIFICATIONS

Feature	Detail
Model Number	TC100
Dimensions	6.69 x 1.69 x 0.59 inches (170 x 43 x 15 mm)
Cable Length	9.07 inches (230 mm)
Item Weight	3.52 ounces (100g)
Color	Black
Hardware Interface	USB Type C, HDMI, USB 3.0, USB 2.0, VGA, RJ45, SD/TF, 3.5mm Audio
Power Delivery	Up to 100W input & 87W output
USB 3.0 Data Speed	5Gbps
USB 2.0 Data Speed	480Mbps
Ethernet Speed	10/100/1000M Gigabit Ethernet
SD/TF Card Speed	Up to 104MB/s
Max HDMI Resolution	Single 4K@30Hz
Max VGA Resolution	1080P@60Hz

Warranty and Support

Lemorele is committed to providing excellent customer service and product support. Your 13-in-1 USB C Docking Station comes with:

- **Lifetime Technical Support:** Access to technical assistance for the lifespan of your product.
- **Lifetime Return and Exchange:** Policy for returns and exchanges to ensure customer satisfaction.
- **24-Hour Online Customer Service:** Dedicated support available around the clock for any inquiries or issues.

For further assistance or to explore more Lemorele products, please visit theLemorele Store on Amazon.

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