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Lemorele TC39

Lemorele USB C Hub Multiport Adapter 9-in-1 User Manual

Model: TC39

1. Product Overview

The Lemorele USB C Hub Multiport Adapter is a versatile 9-in-1 docking solution designed to expand the connectivity of your USB-C enabled devices. It provides essential ports for data transfer, video output, network connectivity, and power delivery, enhancing your productivity and multimedia experience.



Figure 1: Lemorele 9-in-1 USB C Hub and its various connection capabilities.

2. Product Features and Components

Key Features:

- **9-in-1 Connectivity:** Includes Gigabit Ethernet, 100W PD USB-C charging, 4K@30Hz HDMI, TF/SD card slots, 3 USB 2.0 Type-A data ports, and 1 USB 2.0 Type-C data port.
- **4K UHD HDMI Output:** Supports mirroring or extending your screen to an HDTV, monitor, or projector at up to 4K@30Hz or 1080P@60Hz.
- **Gigabit Ethernet:** Provides a stable and faster wired internet connection with speeds up to 1000Mbps.

- **High-Speed Data Transfer:** USB 2.0 ports offer data transmission up to 480Mbps. Built-in SD and Micro SD slots for easy file access (note: not simultaneous reading).
- **100W Power Delivery:** Supports up to 100W PD input, with 87W output for safe and efficient charging of compatible laptops.
- **Universal Compatibility:** Plug & Play with most Type-C devices supporting DP Alt Mode, across Windows, Mac OS, Linux, and Chromebook OS.

Component Identification:

Familiarize yourself with the various ports on your Lemorele USB C Hub:



Figure 2: Detailed view of the Lemorele 9-in-1 USB C Hub's ports.

- **USB-C Host Connector:** Connects to your laptop/device's USB-C port.
- **RJ-45 Ethernet Port:** For wired network connection.
- **USB Type-C PD Charging Port:** For power input to charge your host device.
- **4K HDMI Port:** For video output to an external display.

- **TF (Micro SD) Card Slot:** For Micro SD memory cards.
- **SD Card Slot:** For standard SD memory cards.
- **USB 2.0 Type-A Data Ports (x3):** For connecting USB peripherals like keyboards, mice, or flash drives.
- **USB 2.0 Type-C Data Port (x1):** For connecting USB-C peripherals.

3. Setup Guide

System Requirements:

Ensure your device meets the following requirements for optimal performance:

- A USB-C port on your host device that supports **DisplayPort Alternate Mode (DP Alt Mode)** for video output.
- Compatible Operating Systems: Windows, Mac OS, Linux, Chromebook OS.
- For power delivery, ensure your device's original power adapter is used with the hub's PD port.



Figure 3: Confirming your laptop's USB-C port type for full compatibility.

Connection Steps:

1. Connect the USB-C host connector of the Lemorele Hub to a compatible USB-C port on your laptop or device.
2. For power delivery, connect your laptop's original USB-C power adapter to the USB Type-C PD Charging Port on the hub.
3. Connect your desired peripherals (HDMI monitor, Ethernet cable, USB devices, SD/TF cards) to the corresponding ports on the hub.
4. The hub is plug-and-play; no additional drivers are typically required. Your operating system should automatically detect and configure the connected devices.

4. Operating Instructions

Using the HDMI Port:

Connect an HDMI cable from your external display (monitor, TV, projector) to the HDMI port on the hub. Your device should automatically detect the external display. You can configure display settings (mirror, extend) through your operating system's display settings.



Figure 4: Extending your display with the 4K HDMI port.

Using the Ethernet Port:

Connect an Ethernet cable from your router or network switch to the RJ-45 Ethernet port on the hub. This provides a stable and high-speed wired internet connection, ideal for large downloads or online gaming.

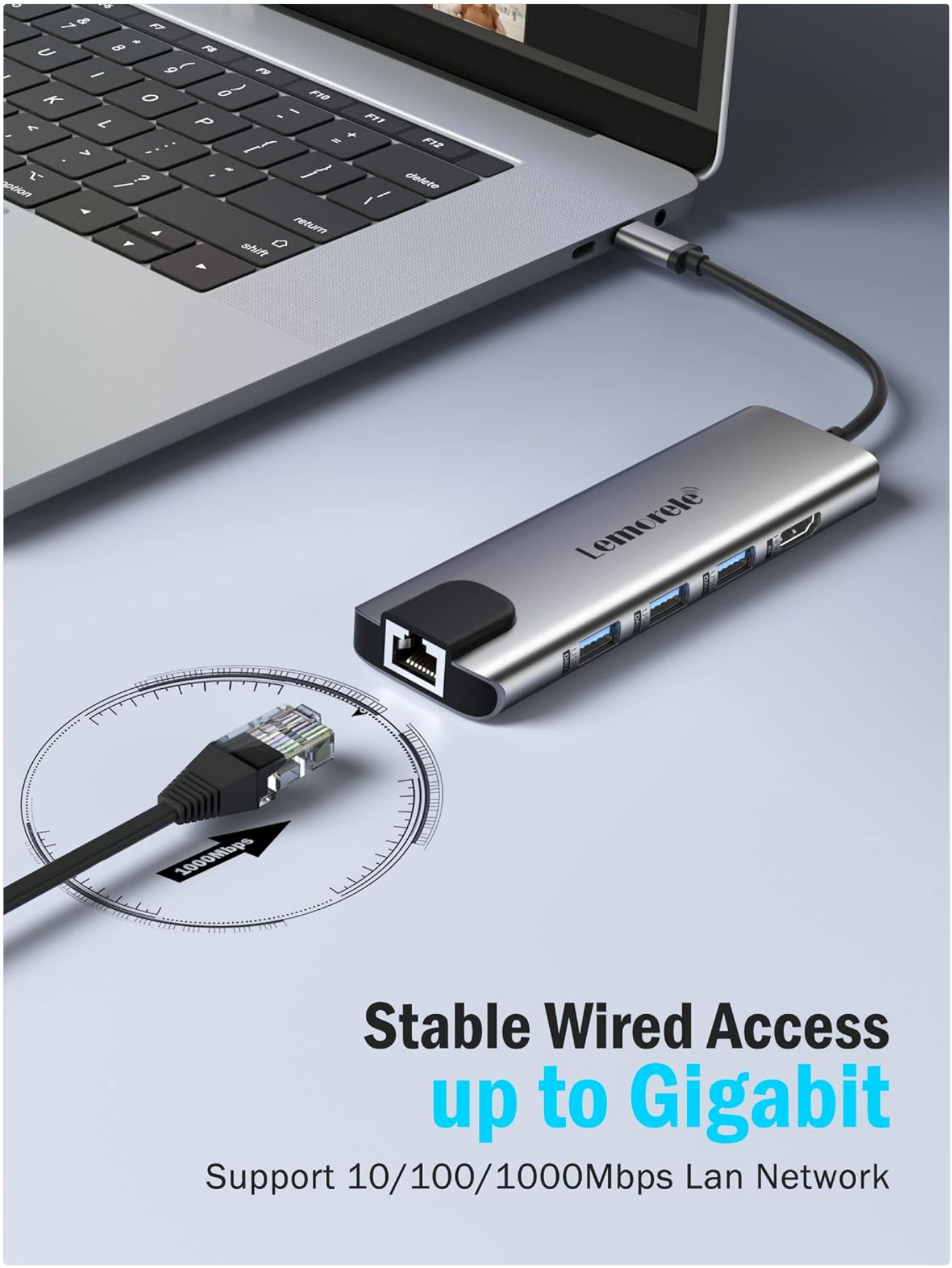


Figure 5: Utilizing the Gigabit Ethernet port for a stable network connection.

Using USB Data Ports:

Plug your USB-A or USB-C peripherals (e.g., external hard drives, flash drives, keyboards, mice) into the corresponding USB 2.0 data ports. These ports support data transfer speeds up to 480Mbps.

Using SD/TF Card Readers:

Insert your SD or Micro SD (TF) memory cards into the respective slots. The hub allows for quick access to files on your memory cards. *Note: Simultaneous reading of both SD and TF cards is not supported.*



Figure 6: Accessing data from SD and TF cards.

Power Delivery (PD) Charging:

To charge your laptop while using the hub, connect your laptop's original USB-C power adapter to the hub's USB Type-C PD Charging Port. The hub supports up to 100W power input, providing up to 87W output to your laptop, ensuring efficient charging even when multiple peripherals are connected.



Figure 7: Power Delivery charging setup.

5. Care and Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the hub. Avoid using liquid cleaners or aerosols.
- **Storage:** Store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the hub or subjecting it to strong impacts. Do not attempt to disassemble the device.
- **Heat:** It is normal for the hub to become warm during extended use, especially when utilizing power delivery or multiple high-bandwidth functions. Ensure adequate ventilation.

6. Troubleshooting

Problem	Possible Cause	Solution
No display output via HDMI.	1. Host USB-C port does not support DP Alt Mode. 2. Incorrect display settings. 3. Faulty HDMI cable/monitor.	1. Verify your laptop's USB-C port supports video output (refer to Figure 3). 2. Check your operating system's display settings. 3. Try a different HDMI cable or monitor.
Ethernet connection unstable or not detected.	1. Loose cable connection. 2. Network driver issue. 3. Router/modem issue.	1. Ensure Ethernet cable is securely connected to both hub and router. 2. Check network adapter settings on your device. Restart your computer. 3. Restart your router/modem.
USB devices not recognized.	1. Device requires more power than available. 2. Driver issue for the peripheral. 3. Loose connection.	1. Connect the hub's PD port to a power source if using power-hungry devices. 2. Ensure peripheral drivers are up to date. 3. Reconnect the USB device.
Laptop not charging via PD port.	1. Power adapter not connected or insufficient. 2. Laptop does not support USB-C PD charging. 3. Cable issue.	1. Ensure your original laptop power adapter is connected to the hub's PD port. 2. Verify your laptop supports USB-C PD charging. 3. Try a different USB-C to USB-C cable.
SD/TF cards not detected.	1. Card inserted incorrectly. 2. Card format not supported. 3. Both slots used simultaneously.	1. Reinsert the card correctly. 2. Ensure card is formatted to a compatible file system (e.g., FAT32, exFAT, NTFS). 3. Only use one card slot at a time.

7. Technical Specifications

Feature	Specification
Model Number	TC39
Dimensions (L x W x H)	5.31 x 1.57 x 0.47 inches
Item Weight	1.13 ounces
HDMI Output	Up to 4K@30Hz or 1080P@60Hz
Ethernet Port	Gigabit Ethernet (10/100/1000Mbps)
USB 2.0 Type-A Ports	3 ports, up to 480Mbps data transfer
USB 2.0 Type-C Data Port	1 port, up to 480Mbps data transfer
SD/TF Card Reader	Supports SD, SDHC, SDXC, Micro SD, Micro SDHC, Micro SDXC (not simultaneous)
Power Delivery (PD)	Input: 100W max; Output: 87W max
Compatible Devices	Laptops, Monitors, Projectors, Card Readers with USB-C (DP Alt Mode)
Operating Systems	Windows, Mac OS, Linux, Chromebook OS

8. Warranty and Support

Lemorele products are designed for reliability and performance. This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Lemorele website.

For technical support, troubleshooting assistance, or any inquiries regarding your Lemorele USB C Hub, please contact our customer support team through the contact information provided on the official Lemorele website or your purchase platform.

Online Resources:

- Lemorele Official Website: www.lemorele.com (*Note: This is a placeholder URL, please refer to actual product documentation for correct URL.*)
- Product Support Page: Check the product page on the retailer's website for FAQs and additional resources.

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