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Lemorele TC39-X

Lemorele TC39-X 9-in-1 USB C Hub Docking Station User Manual

Model: TC39-X

Introduction

Thank you for choosing the Lemorele TC39-X 9-in-1 USB C Hub Docking Station. This versatile hub is designed to expand the connectivity of your USB-C enabled devices, providing a comprehensive solution for various peripherals and display needs. It features multiple ports including Gigabit Ethernet, 4K HDMI, USB-A, USB-C data, and SD/TF card readers, along with 100W Power Delivery. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Image: The Lemorele TC39-X 9-in-1 USB C Hub, showcasing its various ports and connectivity options.

Product Overview

The Lemorele TC39-X hub is a compact and powerful expansion device for your USB-C compatible laptop, tablet, or smartphone. It integrates essential ports to enhance your productivity and entertainment experience.

Key Features:

- **Gigabit Ethernet (RJ45):** Provides stable and high-speed wired network connection up to 1 Gbps.
- **4K HDMI:** Supports video output up to 4K resolution at 30Hz for external displays.
- **USB-A 3.0 Ports (x3):** For connecting USB peripherals like keyboards, mice, flash drives, and external hard drives

with high-speed data transfer.

- **USB-C Data Port:** For connecting USB-C peripherals and data transfer.
- **USB-C Power Delivery (PD) Port:** Supports up to 100W pass-through charging for your host device.
- **SD/TF Card Readers:** Allows for quick access to data on SD and Micro SD cards.



Image: A detailed view of the Lemorele TC39-X hub, highlighting its unique design and labeled ports including HDMI, USB-A, Ethernet, SD/TF, PD, and USB-C data.

Setup Instructions

The Lemorele TC39-X hub is designed for plug-and-play functionality, requiring no additional drivers or software installation for most operating systems.

1. **Connect the Hub to Your Device:** Plug the USB-C connector cable of the Lemorele hub into an available USB-C port on your laptop, tablet, or smartphone. Ensure your device's USB-C port supports video output (DisplayPort Alternate Mode) for HDMI functionality and Power Delivery for charging.
2. **Power Connection (Optional but Recommended):** For stable operation, especially when connecting multiple power-consuming devices or using the HDMI output, connect your original power adapter to the USB-C PD (Power Delivery) port on the hub. This will charge your host device through the hub.
3. **Connect Peripherals:**
    - **HDMI Display:** Connect an HDMI cable from your monitor or TV to the HDMI port on the hub.
    - **Ethernet:** Connect an Ethernet cable from your router or modem to the RJ45 Gigabit Ethernet port on the hub.
    - **USB Devices:** Plug your USB-A peripherals (e.g., mouse, keyboard, flash drive) into the USB-A 3.0 ports.
    - **USB-C Data Devices:** Connect USB-C data devices to the dedicated USB-C data port.
    - **SD/TF Cards:** Insert your SD or Micro SD cards into the corresponding slots.



Image: The Lemorele TC39-X hub connected to a tablet, demonstrating its 9-in-1 expansion capabilities.

Operating Instructions

HDMI Output:

The HDMI port supports resolutions up to 4K (3840x2160) at 30Hz. Once connected, your device should automatically detect the external display. You can configure display settings (mirror mode, extended mode) through your operating system's display settings.



Image: Illustration of HDMI output supporting both Mirror Mode (duplicating screen) and Extended Mode (extending desktop) at 4K@30Hz.

Gigabit Ethernet:

Connect an Ethernet cable to the RJ45 port for a stable and fast wired internet connection. This is ideal for situations where Wi-Fi is unreliable or slower.



Image: Comparison showing the benefit of RJ45 Gigabit Ethernet for stable and fast internet connection versus Wi-Fi.

USB-A 3.0 Ports:

These ports support data transfer speeds up to 5Gbps, suitable for connecting external storage, keyboards, mice, printers, and other USB devices.

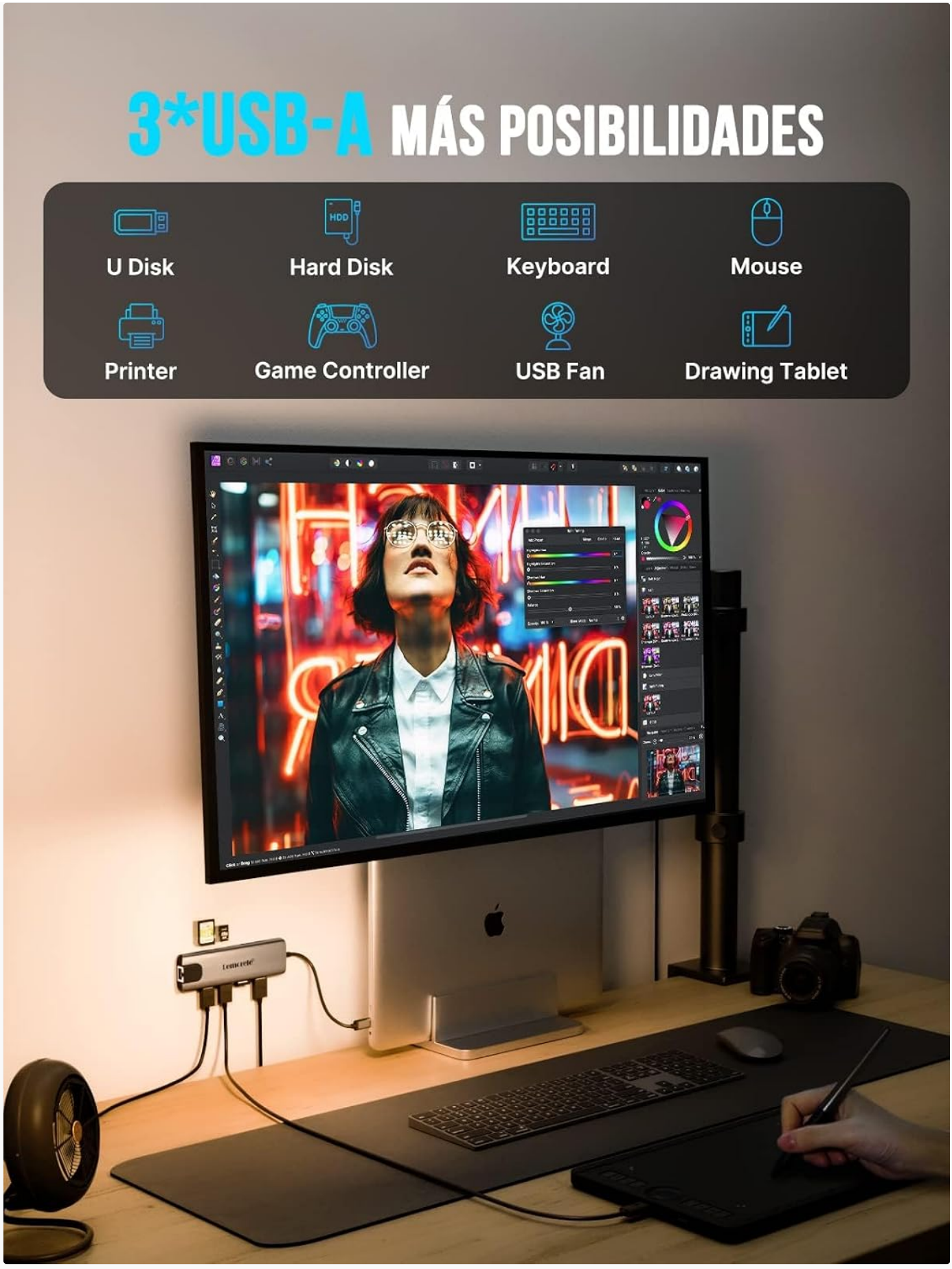


Image: Demonstrates the versatility of the three USB-A ports for connecting various peripherals like U-disks, hard drives, keyboards, mice, printers, game controllers, USB fans, and drawing tablets.

USB-C Data Port:

This port is specifically for data transfer with USB-C compatible devices. It does not support video output or power

delivery.

USB-C Power Delivery (PD) Port:

Connect your original USB-C power adapter to this port to charge your host device while using the hub. It supports up to 100W power input, with approximately 85W output to the host device (some power is used by the hub itself).



Image: Illustration of 100W Power Delivery charging a laptop through the hub, indicating fast charging capabilities.

SD/TF Card Readers:

The integrated card readers allow you to read and write data from standard SD cards and Micro SD (TF) cards simultaneously. Supports transfer speeds up to 104 MB/s and capacities up to 2TB.



Image: Demonstrates the high-speed data transfer (up to 104 MB/s) and 2TB capacity support for SD and TF cards using the hub.

COMPATIBILITY

The Lemorele TC39-X hub is widely compatible with devices featuring a USB-C port that supports DisplayPort Alternate Mode (Alt Mode) for video output and Power Delivery for charging. It is compatible with various operating systems.

Supported Operating Systems:

- macOS
- Windows (including Windows 11)
- Chrome OS
- Android
- iOS
- Linux

Compatible Devices (Examples):

- MacBook Pro/Air (M1, M2, M3, Intel-based)
- iMac
- iPad Pro/Air (M1, M2)
- Dell XPS series
- HP Spectre/Envy series
- Lenovo Yoga/ThinkPad series
- ASUS ZenBook series
- Microsoft Surface devices with USB-C
- Chromecast with Google TV
- Nintendo Switch
- Xbox/PS4 (for certain functionalities)
- Various Android smartphones and tablets with USB-C video output support.

Note: Not compatible with Samsung T7 or Apple Super Drive. If you experience issues with Windows 11, please contact customer support.



Image: A visual guide illustrating the wide range of compatible devices, including various laptops, tablets, smartphones, and gaming consoles.

Specifications

Feature	Detail
Model Number	TC39-X
Ports	9 (1x HDMI, 1x Gigabit Ethernet, 3x USB-A 3.0, 1x USB-C Data, 1x USB-C PD, 1x SD Card Reader, 1x TF Card Reader)
HDMI Resolution	Up to 4K@30Hz
Ethernet Speed	10/100/1000 Mbps (Gigabit)
USB-A Data Transfer	Up to 5 Gbps (USB 3.0)
USB-C Power Delivery	Up to 100W input (approx. 85W output to host)
Card Reader Speed	Up to 104 MB/s
Supported Card Types	SD, SDHC, SDXC, Micro SD, Micro SDHC, Micro SDXC (up to 2TB)
Material	Aluminum
Dimensions	13.5L x 4W x 1.2H cm
Operating System Compatibility	macOS, Windows, Chrome OS, Android, iOS, Linux
Special Features	Portable, Fast Charging, Fast Data Transfer, Plug and Play, Heat Resistant

Maintenance

To ensure the longevity and optimal performance of your Lemorele USB C Hub, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the hub. Avoid using liquid cleaners, aerosols, or abrasive solvents.
- **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 bend or pull the attached USB-C cable excessively.
- **Heat:** It is normal for the hub to become warm during extended use, especially when multiple ports are active or when charging. Ensure adequate ventilation around the device.
- **Disconnect Safely:** Always safely eject external storage devices (flash drives, SD cards) from your operating system before unplugging them from the hub to prevent data corruption.

Troubleshooting

If you encounter issues with your Lemorele USB C Hub, please refer to the following common problems and solutions:

1. **No Display Output via HDMI:**
    - Ensure your device's USB-C port supports DisplayPort Alternate Mode. Not all USB-C ports support video output.
    - Try a different HDMI cable and monitor to rule out cable or display issues.
    - Check your device's display settings to ensure the external monitor is detected and configured correctly (e.g., extended or mirror mode).
    - Disconnect and reconnect the hub and HDMI cable.
2. **USB Devices Not Recognized:**
    - Ensure the USB device is properly inserted into the hub's port.
    - Try connecting the USB device directly to your computer's USB port to verify it functions independently.
    - If connecting a high-power USB device (e.g., external hard drive), ensure the hub is connected to a power adapter via its PD port.
    - Restart your host device.
3. **Slow Charging or No Charging:**
    - Ensure your original power adapter is connected to the hub's USB-C PD port.
    - Verify that your power adapter has sufficient wattage for your device and the hub.
    - Some devices may have specific charging requirements; ensure your device supports USB-C PD charging.
4. **Ethernet Connection Issues:**
    - Check the Ethernet cable connection to both the hub and your router/modem.
    - Verify that your network settings on your device are configured for a wired connection.
    - Try a different Ethernet cable.
    - Restart your router/modem and your host device.
5. **Hub Gets Warm:**
    - It is normal for the aluminum casing to dissipate heat, causing the hub to feel warm, especially under heavy load (e.g., 4K video, charging, multiple USB devices). This is part of its design for efficient heat management.
    - Ensure the hub is in a well-ventilated area.

6. **Windows 11 Specific Issues:**
    - If you experience issues specifically with Windows 11, please contact Lemorele customer support for assistance, as specific driver updates or troubleshooting steps might be required.

Warranty and Support

Lemorele is committed to providing high-quality products and excellent customer service.

- **Warranty:** Lemorele offers a lifetime money-back guarantee, return, and exchange policy.
- **Customer Service:** For any questions, concerns, or technical support, please contact Lemorele customer service. We provide 24-hour online manual customer service.
- **Contact Information:** Please refer to the contact details provided on the product packaging or the official Lemorele website for the most up-to-date support channels.

We wish you a pleasant and perfect experience with your Lemorele USB C Hub.

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