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› CableCreation USB C Hub 7-in-1 Multiport Adapter (Model CD8021-VC) User Manual

## CableCreation CD8021-VC

# CableCreation USB C Hub 7-in-1 Multiport Adapter User Manual

Model: CD8021-VC

## 1. INTRODUCTION

This manual provides detailed instructions for the CableCreation 7-in-1 USB C Multiport Adapter, Model CD8021-VC. This device expands the connectivity of your USB-C enabled laptop, tablet, or smartphone by adding multiple ports for various peripherals and functions. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its capabilities.

## 2. PRODUCT OVERVIEW

The CableCreation CD8021-VC is a versatile 7-in-1 USB C hub designed to streamline your workspace and enhance productivity. It features a compact aluminum housing for durability and portability.



Diagram of the CableCreation 7-in-1 USB C Hub, highlighting its various ports: HDMI, SD card slot, MicroSD card slot, two USB 3.0 ports, USB-C Power Delivery port, and Ethernet port.

### Port Functions:

- **HDMI 4K@60Hz:** Connect to an external monitor, TV, or projector for video output up to 4K resolution at 60Hz.
- **Ethernet (RJ45) 1Gbps:** Provides a stable wired internet connection up to 1 Gigabit per second.
- **USB-C Power Delivery (PD) 100W:** Allows charging of your host device (laptop/tablet) with up to 100W power input. This port supports power input only, not data transfer.
- **2 x USB 3.0 Ports:** Connect USB peripherals such as keyboards, mice, flash drives, or external hard

drives. Supports data transfer speeds up to 5Gbps.

- **SD Card Reader:** For reading and writing data to standard SD cards.
  - **MicroSD Card Reader:** For reading and writing data to MicroSD cards.
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### 3. SETUP INSTRUCTIONS

1. **Connect the Hub:** Plug the USB-C connector cable of the CableCreation hub into the USB-C port of your host device (laptop, tablet, or smartphone).
  2. **Power Connection (Optional but Recommended):** For optimal performance, especially when using multiple high-power devices or HDMI output, connect your device's original USB-C power adapter to the USB-C Power Delivery (PD) port on the hub.
  3. **Connect Peripherals:** Connect your desired peripherals (HDMI monitor, Ethernet cable, USB devices, SD/MicroSD cards) to the corresponding ports on the hub.
  4. **Driver Installation:** The hub is generally plug-and-play and does not require additional drivers for most operating systems. If any issues arise, ensure your device's operating system is up to date.
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### 4. OPERATING INSTRUCTIONS

#### 4.1. HDMI Video Output

# 4K@60Hz HDMI Higher Refresh Rate

## Enjoy Film and Game



**Tips:** Make Sure Your Device Support 4K 60Hz(DP 1.4 Version)



The USB C Hub connected to a laptop, extending the display to an external monitor via the 4K 60Hz HDMI port.

- Connect an HDMI cable from the hub's HDMI port to your external display.
- Ensure your host device's USB-C port supports DisplayPort Alternate Mode (Alt Mode).
- Your external display and host device must support 4K@60Hz for optimal resolution and refresh rate.
- Adjust display settings (mirror, extend) through your operating system's display preferences.

### 4.2. Ethernet Connection

# Super-Speed Stable Ethernet



Up To **1Gbps**

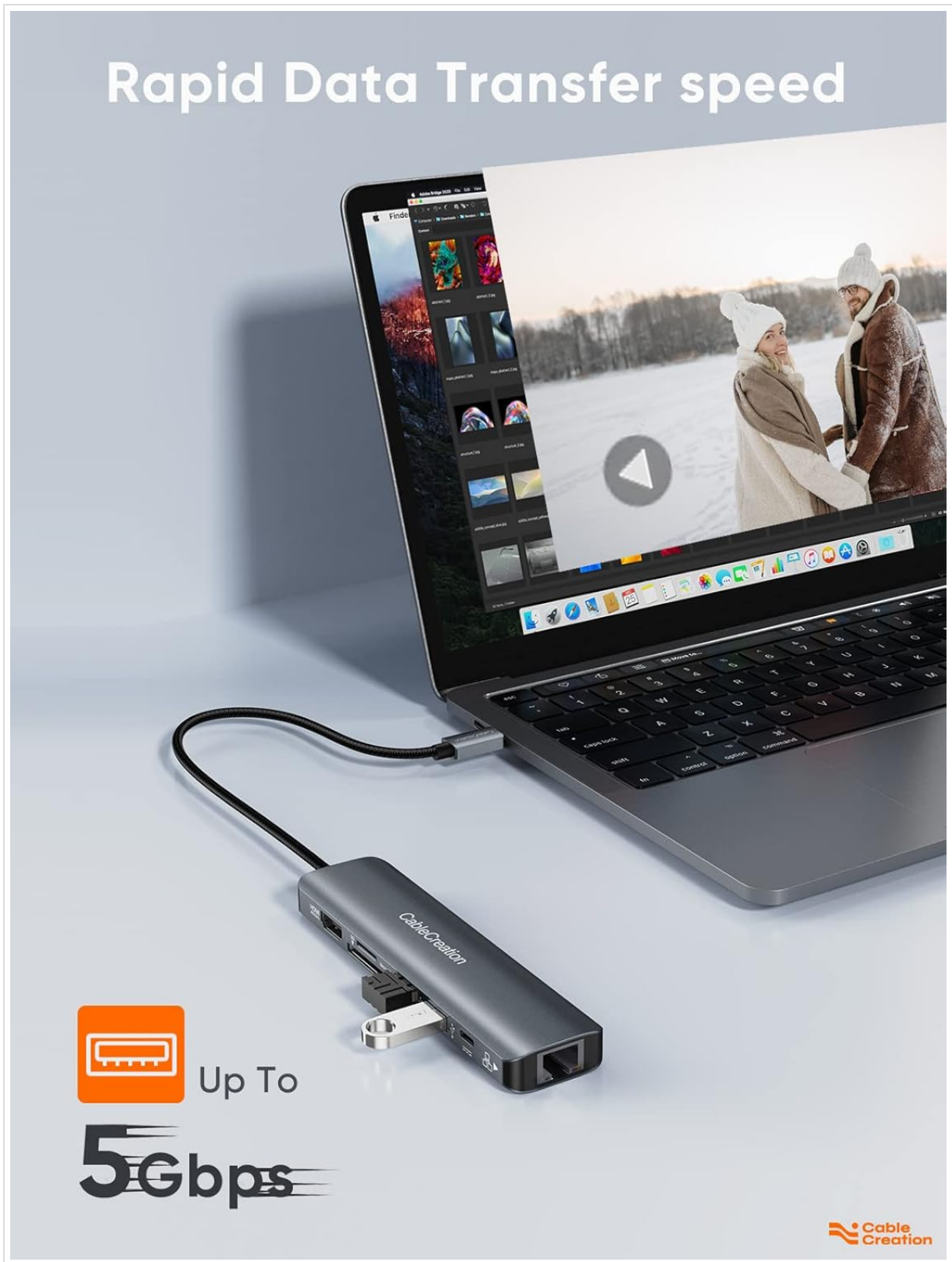
 Cable  
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The USB C Hub connected to a laptop, demonstrating a stable wired internet connection via the 1Gbps Ethernet port.

- Connect an Ethernet cable from your router/modem to the RJ45 port on the hub.
- The hub will automatically establish a wired network connection.
- Two indicator lights on the Ethernet port will show connection status and activity.

## 4.3. USB 3.0 Data Transfer

# Rapid Data Transfer speed



The USB C Hub connected to a laptop with a USB flash drive and an SD card inserted, indicating rapid data transfer capabilities.

- Plug your USB devices (e.g., flash drives, external hard drives, keyboards, mice) into the USB 3.0 ports.
- These ports support data transfer speeds up to 5Gbps.

#### 4.4. SD and MicroSD Card Readers

- Insert your SD or MicroSD card into the corresponding slot.
- Both card slots can be used simultaneously.
- Access the card content through your device's file explorer.

#### 4.5. USB-C Power Delivery (PD)



The USB C Hub connected to a laptop, illustrating power delivery up to 100W through the dedicated USB-C PD charging port.

- Connect your USB-C power adapter to the hub's PD port.
- This port will pass power through to charge your host device.
- The PD port is for charging only and does not support data transfer.

## 5. COMPATIBILITY

# Universal Compatibility

### USB-C Device



MacBook Pro      MacBook Air

iPad Pro      Zenbook

Dell XPS      Galaxy

### Systems



Mac OS      Windows

Chrome OS      iPad OS



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The USB C Hub displayed alongside icons representing compatible devices like MacBook Pro, iPad Pro, Dell XPS, and various operating systems including macOS, Windows, Chrome OS, and iPadOS.

The CableCreation CD8021-VC hub is compatible with a wide range of USB-C enabled devices and operating systems:

- **Compatible Devices:** MacBook Pro, MacBook Air, iPad Pro, iPad Mini 6, Dell XPS, Zenbook, Galaxy series, and other devices with a full-featured USB-C port (supporting data, video, and power delivery).
- **Operating Systems:** Windows 10 and later, macOS 10.15 Catalina and later, iPadOS, Chrome OS.

- **Important Note:** For HDMI video output, your host device's USB-C port must support DisplayPort Alternate Mode (Alt Mode).
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## 6. MAINTENANCE

- Keep the hub clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners.
  - Store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
  - Avoid dropping the device or subjecting it to strong impacts.
  - Do not attempt to disassemble or repair the hub yourself, as this will void the warranty.
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## 7. TROUBLESHOOTING

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

- **No Display Output via HDMI:**
  - Ensure your host device's USB-C port supports DisplayPort Alt Mode.
  - Verify the HDMI cable is securely connected to both the hub and the monitor.
  - Check the input source on your monitor.
  - Try connecting your device's power adapter to the hub's PD port.
  - Test with a different HDMI cable or monitor if possible.
- **No Internet Connection via Ethernet:**
  - Ensure the Ethernet cable is securely connected to both the hub and your router/modem.
  - Check the indicator lights on the Ethernet port for activity.
  - Verify your internet connection is active by testing directly from your router.
  - Restart your host device and network equipment.
- **USB Devices Not Recognized:**
  - Ensure the hub is firmly connected to your host device.
  - Try connecting the USB device to a different USB 3.0 port on the hub.
  - Connect your device's power adapter to the hub's PD port, especially for high-power USB devices.
  - Test the USB device by connecting it directly to your host device (if possible).
- **SD/MicroSD Cards Not Detected:**
  - Ensure the card is fully inserted into the correct slot.
  - Check if the card is damaged or corrupted by testing it on another device.
  - Ensure your host device's operating system is up to date.
- **Slow Charging via PD Port:**
  - Ensure your USB-C power adapter is capable of delivering sufficient wattage (e.g., 60W, 100W) for your host device.

- Verify the USB-C cable used for power delivery is rated for high wattage.
  - Note that some power is consumed by the hub itself and connected peripherals.
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## 8. SPECIFICATIONS

- **Model:** CD8021-VC
  - **Ports:** 1x HDMI, 1x Ethernet (RJ45), 1x USB-C PD, 2x USB 3.0, 1x SD Card Reader, 1x MicroSD Card Reader
  - **HDMI Output:** Up to 4K@60Hz
  - **Ethernet Speed:** 1Gbps (Gigabit Ethernet)
  - **USB-C Power Delivery:** Up to 100W (charging only)
  - **USB 3.0 Data Transfer:** Up to 5Gbps
  - **Card Reader Speed:** Up to 104MB/s (SD/MicroSD)
  - **Material:** Aluminum housing
  - **Dimensions (L x W x H):** 5.35" x 1.34" x 0.55"
  - **Operating System Compatibility:** Windows 10, macOS 10.15 Catalina, iPadOS, Chrome OS
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## 9. WARRANTY AND SUPPORT

This CableCreation product is covered by a **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For technical support, warranty claims, or further assistance, please contact CableCreation customer service through the retailer's platform or visit the official CableCreation website for contact information.