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## Zenwire EB7

# Zenwire USB-C Hub Adapter EB7 Instruction Manual

## 1. INTRODUCTION

Welcome to the instruction manual for your Zenwire USB-C Hub Adapter EB7. This guide provides essential information for setting up, operating, and maintaining your device to ensure optimal performance.

The Zenwire EB7 is a versatile 8-in-1 USB-C hub designed to expand the connectivity of your USB-C enabled devices. It offers a comprehensive range of ports for display output, high-speed data transfer, stable wired networking, and efficient power delivery.



**Figure 1:** The Zenwire USB-C Hub Adapter EB7, shown alongside its packaging, highlighting its compact design and multiple connectivity options.

## 2. PRODUCT FEATURES

The Zenwire EB7 USB-C Hub Adapter offers a robust set of features to enhance your device's connectivity:

- **Advanced Display Output:** Supports Display Port resolutions up to 8K at 60Hz, 4K at 144Hz, 2K WQHD at 144Hz, and Full HD at 240Hz.
- **Fast Ethernet:** Provides a stable wired network connection.
- **Power Delivery 3.0:** Supports up to 100W for efficient charging of your host device.
- **Multiple USB Ports:** Includes 2x USB 3.0 and 1x USB 2.0 ports for various peripherals.
- **Integrated Card Reader:** Features dedicated slots for SD and Micro SD memory cards.
- **Compact and Portable:** Lightweight design (approximately 61 grams) for easy transport.
- **Durable Construction:** Housed in a robust aluminum casing.
- **Broad Compatibility:** Works with Windows, macOS (including Macbook M1/M2), Linux, iOS, and Android devices.



**Figure 2:** A close-up view of the Zenwire USB-C Hub Adapter EB7, demonstrating its various ports in use with connected USB drives and an HDMI adapter, along with SD and Micro SD cards.

### 3. PACKAGE CONTENTS

Please ensure all items are present in your package:

- Zenwire USB-C Hub Adapter EB7
- Instruction Manual (this document)

### 4. DEVICE OVERVIEW AND PORTS

The Zenwire EB7 hub integrates the following ports:

- **1x Display Port:** Supports high-resolution video output up to 8K@60Hz, 5K@120Hz, 4K@144Hz, 2K WQHD@144Hz, and Full HD@240Hz.
- **2x USB 3.0 Ports:** For connecting high-speed USB peripherals and data transfer.
- **1x USB 2.0 Port:** Ideal for connecting standard USB devices such as keyboards, mice, or webcams.
- **1x USB-C Power Delivery (PD) Port:** Allows charging of your host device with up to 100W power input.
- **1x SD Card Slot:** For standard Secure Digital memory cards.
- **1x Micro SD Card Slot:** For smaller Micro Secure Digital memory cards.
- **1x Fast Ethernet (RJ45) Port:** Provides a stable wired network connection at speeds up to 100 Mbps.



Figure 3: Zenwire USB-C Hub Adapter EB7 with all its ports clearly labeled for identification.



**Figure 4:** The Zenwire USB-C Hub Adapter EB7 connected to a laptop, with an SD card clearly inserted into its slot, demonstrating the card reader function.

## 5. SETUP GUIDE

Follow these steps to set up your Zenwire EB7 hub:

- 1. Connect the Hub:** Plug the USB-C connector of the Zenwire EB7 hub firmly into an available USB-C port on your laptop, tablet, or smartphone. Ensure the USB-C port on your host device supports DisplayPort Alternate Mode for video output.
- 2. Connect Peripherals:**
  - Display:** Connect a Display Port cable from the hub's Display Port to your external monitor or TV.
  - USB Devices:** Plug your USB devices (e.g., mouse, keyboard, USB drive) into the USB 3.0 or USB 2.0 ports.
  - Memory Cards:** Insert your SD or Micro SD card into the corresponding slot.
  - Network:** Connect an Ethernet cable to the RJ45 port for a stable wired internet connection.
  - Power Delivery:** If your host device requires charging, connect your USB-C power adapter to the hub's USB-C PD port. This allows your device to charge while using the hub.



**Figure 5:** The Zenwire USB-C Hub Adapter EB7 connected to a laptop, showcasing its functionality with multiple USB flash drives and an SD card inserted into its respective slots.



**Figure 6:** The Zenwire USB-C Hub Adapter EB7 connected to a laptop, with a power adapter plugged into the hub's Power Delivery port and a power strip, illustrating its charging capability.

## 6. OPERATING INSTRUCTIONS

### 6.1 Display Output

The Display Port allows you to connect an external monitor or projector. The hub supports various resolutions and refresh rates. Ensure your display and Display Port cable support the desired resolution and refresh rate for optimal performance.

- **Mirror Mode:** Duplicate your host device's screen onto the external display.
- **Extended Mode:** Extend your desktop across multiple screens, allowing for more workspace.

To configure display settings (e.g., resolution, refresh rate, mirror/extend), refer to your operating system's display preferences (e.g., Windows Display Settings, macOS System Preferences).



**Figure 7:** A laptop connected to a large external monitor via the Zenwire USB-C Hub Adapter EB7, illustrating its display output capability for an extended or mirrored desktop.

## 6.2 Data Transfer

Utilize the USB 3.0 ports for high-speed data transfer with compatible devices such as external hard drives or high-speed flash drives. The USB 2.0 port is suitable for standard peripherals that do not require high bandwidth.

## 6.3 Card Reader Functionality

Insert your SD or Micro SD cards into their respective slots. The cards will appear as removable drives on your host device, allowing you to access, transfer, and manage files.

## 6.4 Network Connection

The Fast Ethernet port provides a stable wired network connection. Once an Ethernet cable is connected, your host device should automatically detect the network and establish an internet connection.

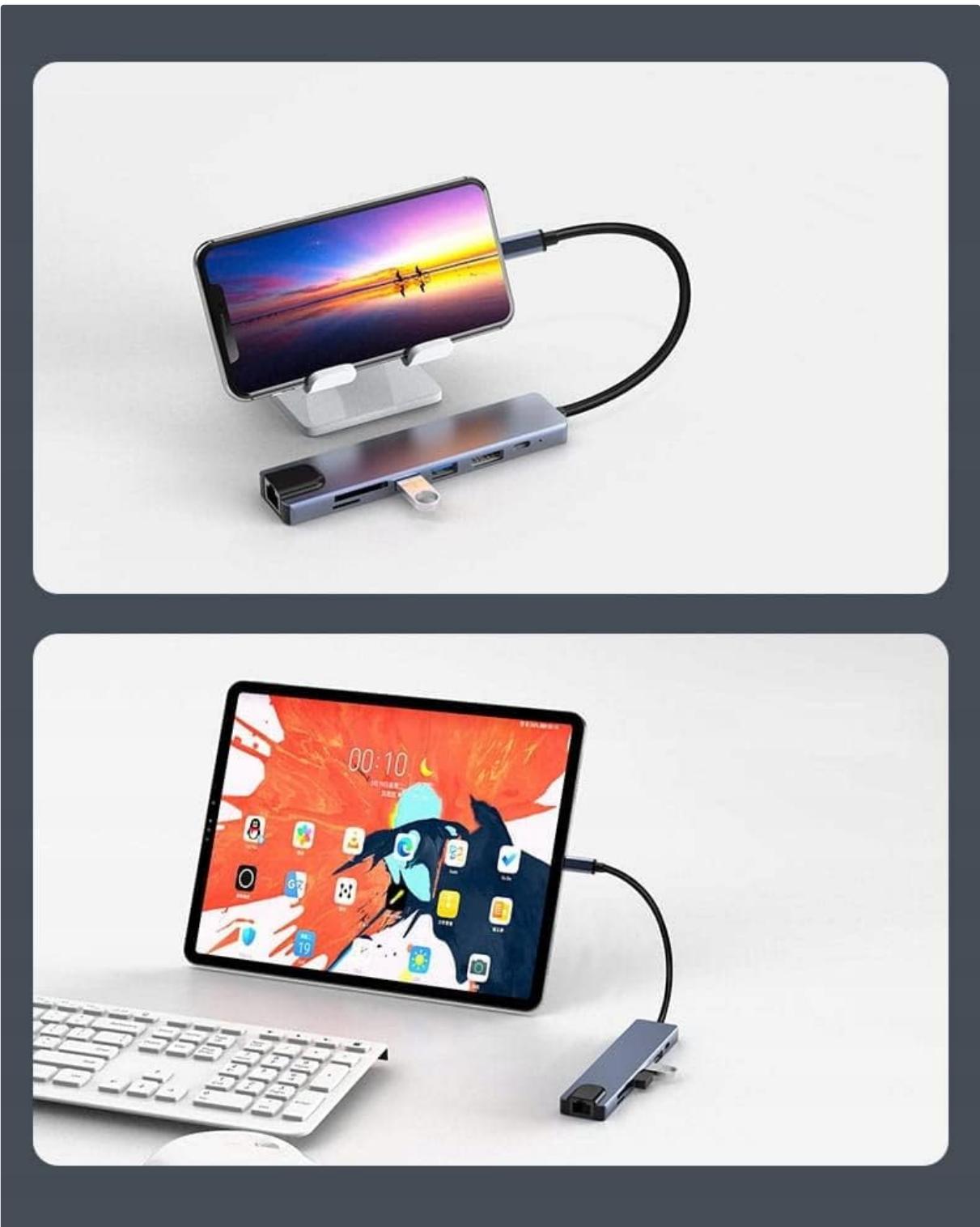
## 6.5 Power Delivery

The USB-C PD port allows you to charge your host device while simultaneously using the hub's other functions. Connect your original USB-C power adapter to this port. The hub supports up to 100W power delivery, ensuring efficient charging for most compatible devices.

## 7. COMPATIBILITY

The Zenwire EB7 USB-C Hub Adapter is designed for broad compatibility with various devices and operating systems:

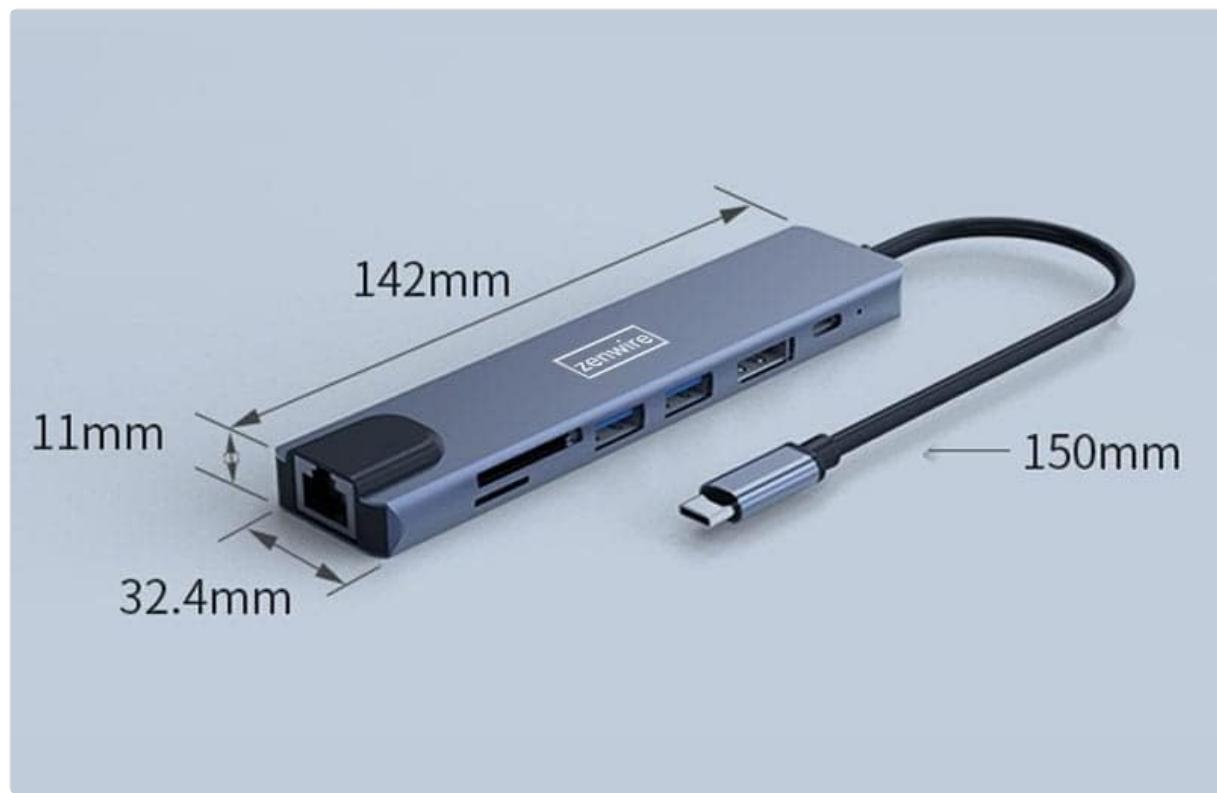
- **Operating Systems:** Windows, macOS (including Macbook M1/M2), Linux, iOS (for compatible iPad models), Android (for compatible smartphones and tablets, including Samsung DEX).
- **Devices:** Laptops, tablets, and smartphones equipped with a full-featured USB-C port that supports DisplayPort Alternate Mode and Power Delivery.



**Figure 8:** The Zenwire USB-C Hub Adapter EB7 connected to both a smartphone and a tablet, highlighting its compatibility with mobile devices for expanded connectivity.

## 8. SPECIFICATIONS

Feature	Detail
Display Port Resolution	8K@60Hz, 5K@120Hz, 4K@144Hz, 2K WQHD@144Hz, Full HD@240Hz
USB Ports	2x USB 3.0, 1x USB 2.0
Card Reader	SD Card Slot, Micro SD Card Slot
Ethernet	Fast Ethernet (100 Mbps)
Power Delivery	USB-C PD 3.0, up to 100W
Dimensions (L x W x H)	Approx. 142mm x 32.4mm x 11mm
Cable Length	Approx. 150mm
Weight	Approx. 61 grams
Material	Aluminum
Color	Space Grey
Supported Operating Systems	Windows, macOS, Linux, iOS, Android



**Figure 9:** A technical diagram illustrating the precise dimensions of the Zenwire USB-C Hub Adapter EB7, including its length, width, height, and cable length.

## 9. MAINTENANCE

To ensure the longevity and optimal performance of your Zenwire EB7 hub, please follow these maintenance guidelines:

- **Cleaning:** Keep the hub clean and free from dust. Use a soft, dry, lint-free cloth for cleaning. Avoid

using liquid cleaners or abrasive materials.

- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, high humidity, or direct sunlight.
- **Handling:** Handle the hub with care. Do not drop it or subject it to strong impacts.
- **Disassembly:** Do not attempt to disassemble or repair the hub yourself. This may void your warranty and could cause damage.
- **Storage:** Disconnect the hub from your devices and store it in a cool, dry place when not in use for extended periods.

## 10. TROUBLESHOOTING

If you encounter issues with your Zenwire EB7 hub, please refer to the following troubleshooting tips:

### 10.1 No Display Output

- **Connection Check:** Ensure the USB-C connection to your host device is secure and fully inserted.
- **Cable Verification:** Verify that the Display Port cable is correctly connected to both the hub and the external monitor. Try a different cable if available.
- **Host Device Support:** Confirm that your host device's USB-C port supports video output (DisplayPort Alternate Mode). Not all USB-C ports have this capability.
- **Monitor Input:** Ensure your monitor is set to the correct input source (e.g., Display Port).
- **Driver Update:** Update your graphics drivers on your host device to the latest version.

### 10.2 USB Devices Not Recognized

- **Proper Insertion:** Ensure the USB devices are properly inserted into the hub's ports.
- **Direct Connection Test:** Try connecting the USB device directly to your host device to confirm its functionality.
- **Power Requirements:** Some high-power USB devices may require external power. Ensure the hub's Power Delivery port is connected to a power source if needed.

### 10.3 Slow Network Speed

- **Speed Limitation:** The Fast Ethernet port supports speeds up to 100 Mbps. If you require Gigabit Ethernet speeds, this hub may not meet that requirement.
- **Cable and Connection:** Check your Ethernet cable for damage and ensure a secure connection to both the hub and your router/modem.
- **Driver Update:** Ensure network drivers are up to date on your host device.

### 10.4 Host Device Not Charging

- **Power Adapter Connection:** Ensure your USB-C power adapter is connected to the hub's USB-C PD port.
- **Power Adapter Functionality:** Verify that your power adapter is functional and provides sufficient wattage (up to 100W supported by the hub).
- **Host Device Support:** Check if your host device supports charging via its USB-C port.

## 11. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Zenwire website or contact your retailer. It is recommended to retain your proof of purchase for any warranty claims.

## Related Documents - EB7

	<p><a href="#"><u>Zenwire E520H 4K Full HD LED Projector with Android TV</u></a></p> <p>Discover the Zenwire E520H projector, featuring 4K Full HD 1080p resolution, Android TV, dual-band WiFi (2.4/5 GHz) with Miracast and Airplay support, Bluetooth 5.0, 9000 lumens brightness, and a 15000:1 contrast ratio for a 36-200 inch viewing experience.</p>
	<p><a href="#"><u>Zenwire Projector EU Declaration of Conformity</u></a></p> <p>EU Declaration of Conformity for Zenwire projectors, listing compliance with ROHS and RED directives and relevant standards. Issued by Zenwire Sp. Z.o.o.</p>
	<p><a href="#"><u>Jasion EB7 ST Electric Bike User Manual</u></a></p> <p>Comprehensive user manual for the Jasion EB7 ST Electric Bike, covering assembly, operation, maintenance, safety guidelines, and troubleshooting.</p>
	<p><a href="#"><u>Jasion EB7 2.0 Fat Tire Folding Electric Bike User Manual</u></a></p> <p>Comprehensive user manual for the Jasion EB7 2.0 Fat Tire Folding Electric Bike, covering safety, assembly, operation, maintenance, troubleshooting, and specifications. Learn how to safely operate and maintain your electric bicycle.</p>
	<p><a href="#"><u>Jasion EB7 Electric Bike User Manual</u></a></p> <p>Comprehensive user manual for the Jasion EB7 Electric Bike, covering assembly, operation, safety guidelines, maintenance, and troubleshooting. Includes specifications, warranty information, and contact details.</p>
	<p><a href="#"><u>Jasion EB7 Electric Bike User Manual</u></a></p> <p>Comprehensive user manual for the Jasion EB7 Electric Bike, covering assembly, operation, maintenance, safety, and troubleshooting.</p>