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Plugable USBC-9IN1E

Plugable USBC-9IN1E USB-C Multiport Adapter User Manual

Model: USBC-9IN1E

1. Introduction

The Plugable USBC-9IN1E is a compact 9-in-1 USB-C Multiport Adapter designed to expand the connectivity of modern laptops. This adapter allows you to connect a 4K 60Hz HDMI display, multiple USB devices, Gigabit Ethernet, and SD/microSD cards through a single USB-C port on your host device. It supports up to 140W Power Delivery input, providing up to 125W to your laptop, making it an ideal solution for enhancing productivity at home, school, or on the go.



Image 1.1: The Plugable USBC-9IN1E Multiport Adapter, showcasing its compact design and integrated cable.

2. Product Overview and Key Features

The USBC-9IN1E adapter provides a comprehensive set of ports to enhance your laptop's capabilities:

- **HDMI 4K 60Hz:** Connect an external display for high-resolution video output.
- **140W Power Delivery Pass-Through:** Supports up to 140W input and delivers up to 125W to the host laptop (requires compatible PD 3.1 EPR charger and cable).
- **USB-C 10Gbps Data Port:** One USB-C port for high-speed data transfer.
- **2x USB-A 10Gbps Data Ports:** Two USB-A ports for connecting high-speed peripherals.
- **1x USB-A 2.0 Port:** Ideal for connecting keyboards, mice, or other low-bandwidth devices.
- **Gigabit Ethernet:** Provides a stable and fast wired network connection.
- **SD and MicroSD Card Readers:** Supports UHS-II for fast data transfer from memory cards.



Image 2.1: Diagram illustrating all available ports on the Plugable USBC-9IN1E adapter, including their specifications and the integrated USB-C host cable.

3. Package Contents

The package includes:

- 1x Plugable USBC-9IN1E 9-in-1 USB-C Multiport Adapter with integrated USB-C cable

4. Setup Instructions

1. **Connect to Host:** Plug the integrated USB-C cable from the USBC-9IN1E adapter into an available USB-C, USB4, or Thunderbolt port on your laptop. Ensure your laptop's USB-C port supports DisplayPort Alt Mode and Power Delivery for full functionality.
2. **Connect Power (Optional but Recommended):** For optimal performance and to charge your laptop, connect a compatible USB-C Power Delivery charger (PD 3.1 EPR recommended for 140W input) to the USB-C Power Delivery input port on the adapter.

3. **Connect Peripherals:** Connect your HDMI display, USB devices, Ethernet cable, and SD/microSD cards to the corresponding ports on the USBC-9IN1E adapter.
4. **Plug and Play:** The adapter is plug-and-play and typically requires no driver installation on supported operating systems (macOS, Windows, ChromeOS, Linux).

5. Operating Instructions

5.1. Power Delivery (PD)

The USBC-9IN1E supports up to 140W Power Delivery input. When connected to a compatible PD 3.1 EPR charger and cable, it can deliver up to 125W to your host laptop. The adapter reserves approximately 15W for its own operation and connected USB devices. Actual charging performance depends on your laptop's power requirements, charger, and cable capabilities. Older PD 3.0 systems typically support up to 100W input and 85W to the host.



Image 5.1: Diagram illustrating the power flow, showing up to 140W input from a PD 3.1 EPR charger and up to 125W delivered to the laptop.

5.2. Video Output (HDMI)

Connect an HDMI-enabled monitor or TV to the HDMI port on the adapter. The adapter supports resolutions up to 4K

(3840x2160) at 60Hz. **Important:** Your laptop's USB-C port must support DisplayPort Alternate Mode (Alt Mode) for the HDMI output to function. If no video is displayed, ensure your laptop's USB-C port supports this feature.



Image 5.2: An example setup showing a laptop connected to an external 4K monitor via the Plugable USBC-9IN1E adapter, enhancing productivity.

5.3. Data Transfer (USB Ports)

The adapter features multiple USB ports for connecting various peripherals:

- **1x USB-C 10Gbps Port:** For connecting USB-C devices requiring high-speed data transfer.
- **2x USB-A 10Gbps Ports:** For connecting USB-A devices such as external hard drives, SSDs, or high-speed flash drives.
- **1x USB-A 2.0 Port:** Suitable for connecting low-bandwidth devices like keyboards, mice, or USB audio adapters.

These ports support data transfer speeds up to 10 Gigabits per second (USB 3.2 Gen 2), allowing for rapid file transfers.



Image 5.3: Visual comparison of USB 3.2 Gen 2 (10Gbps) and USB 3.0 (5Gbps) speeds, highlighting the adapter's high-speed capabilities.

5.4. Network Connection (Gigabit Ethernet)

Connect a standard RJ45 Ethernet cable to the Gigabit Ethernet port for a stable and reliable wired network connection. This is ideal for situations where Wi-Fi is unreliable or unavailable, or for applications requiring maximum network speed.



Image 5.4: The Gigabit Ethernet port on the adapter, connected to an Ethernet cable, ensuring a secure and reliable network connection.

5.5. Card Reader (SD/MicroSD)

Insert your SD or microSD memory cards into the corresponding slots. The card readers support UHS-II speeds, allowing for fast transfer of photos and videos from your cameras or other devices.

6. Compatibility

The Plugable USBC-9IN1E is compatible with a wide range of modern laptops and operating systems:

- **Operating Systems:** macOS (11+), Windows (10+), ChromeOS (version 100+), and Linux.
- **Host Connection:** Compatible with USB-C, USB4, and Thunderbolt 3/4/5 ports that support Power Delivery and DisplayPort Alt Mode.
- **Supported Devices:** MacBook Neo, MacBook Pro/Air (M1-M5 MacBooks), Dell XPS, HP, Lenovo, Surface, Chromebook, and other full-featured USB-C laptops.



Image 6.1: Compatibility chart showing supported operating systems (macOS, Windows, ChromeOS), host connection types (Thunderbolt, USB-C, USB4), and popular compatible laptop models.

7. Maintenance

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the adapter yourself. This will void the warranty.
- Handle the integrated cable with care to prevent damage.

8. Troubleshooting

8.1. No Video Output

- Ensure your laptop's USB-C port supports DisplayPort Alt Mode. Not all USB-C ports support video output.
- Check the HDMI cable connection between the adapter and the monitor.
- Verify the monitor is set to the correct input source (HDMI).

- Try connecting the adapter to a different USB-C port on your laptop, if available.
- Test with a different HDMI cable or monitor if possible.

8.2. Laptop Not Charging or Slow Charging

- Ensure you are using a compatible USB-C Power Delivery charger and cable. For 140W input, a PD 3.1 EPR charger and cable are required.
- Verify the charger is connected to the correct USB-C PD input port on the adapter.
- Check if your laptop's USB-C port supports Power Delivery.
- Some laptops may require more power than the adapter can pass through, especially under heavy load.

8.3. USB Devices Not Recognized or Slow

- Ensure the adapter is securely connected to your laptop.
- Try connecting the USB device directly to your laptop to confirm it functions.
- If using a high-power USB device (e.g., external HDD), ensure the adapter is connected to a power source.
- Try connecting the device to a different USB port on the adapter.

8.4. Ethernet Connection Issues

- Check the Ethernet cable connection to both the adapter and your router/modem.
- Verify that your network settings on your computer are configured correctly for a wired connection.
- Try a different Ethernet cable.

9. Specifications

Model Number	USBC-9IN1E
Dimensions	24 x 7.98 x 2.01 cm
Weight	130 Grams
Host Interface	USB-C (Integrated 19 cm cable)
Video Output	1x HDMI (up to 4K 60Hz)
Power Delivery	Up to 140W input (PD 3.1 EPR), up to 125W to host
USB Data Ports	1x USB-C 10Gbps, 2x USB-A 10Gbps, 1x USB-A 2.0
Ethernet	1x Gigabit Ethernet (RJ45)
Card Reader	SD and MicroSD (UHS-II)
Compatible OS	macOS 11+, Windows 10+, ChromeOS, Linux
Material	Plastic

10. Warranty and Support

This Plugable USB-C hub is designed for reliability and comes with lifetime support from Plugable's North American-based connectivity experts. For technical assistance, troubleshooting, or warranty claims, please visit the official Plugable support website or contact their customer service team.
For more information, visit Plugable Support.

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