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RVP+ RVP-082321

RVP+ 13-in-1 Laptop Docking Station User Manual

Model: RVP-082321

1. INTRODUCTION

Thank you for choosing the RVP+ 13-in-1 Laptop Docking Station. This device is designed to expand your laptop's connectivity, allowing you to connect multiple peripherals, external displays, and network connections through a single USB-C connection. Please read this manual carefully to ensure proper setup and operation.

This docking station offers:

- Versatile Connectivity: 13 interfaces including USB-A, USB-C, HDMI, DisplayPort, Ethernet, and audio.
- Dual Monitor Productivity: Supports dual monitor setups for enhanced workflow.
- High-speed Data Transfer: USB 3.0 technology for fast file transfers.
- Power Delivery: Up to 100W charging for your laptop via the USB-C upstream port.
- Universal Compatibility: Works with a wide range of laptop models.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- RVP+ 13-in-1 Laptop Docking Station
- USB-C to USB-C Cable
- Power Adapter (if included, not explicitly mentioned but implied by PD IN)
- User Manual (this document)



Image: The RVP+ 13-in-1 Laptop Docking Station shown with its included USB-C cable. The docking station is a compact black square device with various ports visible on its sides.

3. PRODUCT OVERVIEW

Familiarize yourself with the ports and features of your RVP+ docking station.

13-in-1

Power Button •



Image: A detailed diagram illustrating the various ports on the RVP+ 13-in-1 Laptop Docking Station. Labels include PD IN (Power Input), USB-C IN (To Host 100W MAX Laptop Charging), Audio In & Out, USB-A Port (5Gbps, 7.5W), USB-C 3.1 (5Gbps, 7.5W), Gigabit Ethernet (1Gbps), Security Lock, HDMI (4K@60Hz), and DisplayPort (4K@60Hz).

Port Descriptions:

Port	Function
PD IN	Power input for the docking station. Connect the power adapter here.
USB-C IN (To Host)	Connects to your laptop for data, video, and up to 100W power delivery.
Audio In & Out	3.5mm jack for headphones or microphones.
USB-A Port (5Gbps, 7.5W)	Connect USB peripherals (keyboard, mouse, external drives). Supports 5Gbps data transfer and 7.5W charging. (x2 ports)

Port	Function
USB-C 3.1 (5Gbps, 7.5W)	Connect USB-C peripherals. Supports 5Gbps data transfer and 7.5W charging.
Gigabit Ethernet (1Gbps)	RJ45 port for wired network connection up to 1000Mbps.
Security Lock	Kensington lock slot for physical security.
HDMI (4K@60Hz)	Connect an external display via HDMI. Supports up to 4K resolution at 60Hz. (x2 ports)
DisplayPort (4K@60Hz)	Connect an external display via DisplayPort. Supports up to 4K resolution at 60Hz. (x2 ports)

4. SETUP GUIDE

Follow these steps to set up your RVP+ docking station:

- 1. Connect Power:** Connect the power adapter (not included, but implied by PD IN) to the "PD IN" port on the docking station and then to a power outlet.
- 2. Connect to Laptop:** Use the provided USB-C to USB-C cable to connect the "USB-C IN (To Host)" port on the docking station to a compatible USB-C port on your laptop. Ensure your laptop's USB-C port supports DisplayPort Alternate Mode and Power Delivery for full functionality.
- 3. Connect Displays:**
 - Connect your external monitors to the HDMI and/or DisplayPort outputs on the docking station using appropriate cables.
 - For optimal performance, use high-quality HDMI 2.0 or DisplayPort 1.2 (or higher) cables.

Experience Every Detail in 5K



Image: A laptop connected to an external monitor through the RVP+ docking station, demonstrating a single display setup. The image highlights 4K@60Hz HDMI capability.

- 4. Connect Peripherals:** Connect your USB devices (keyboard, mouse, external hard drives, USB flash drives) to the available USB-A and USB-C 3.1 ports on the docking station.

Transfer Files in Seconds

5 Gbps
USB-C 3.1 Port

5 Gbps
USB-A 3.0 Port



Image: A visual representation of fast data transfer, indicating 5 Gbps speeds for both USB-C 3.1 and USB-A 3.0 ports on the RVP+ docking station.

5. **Connect Network (Optional):** For a stable wired internet connection, connect an Ethernet cable from your router/modem to the Gigabit Ethernet port on the docking station.
6. **Connect Audio (Optional):** Plug your headphones or speakers into the 3.5mm Audio In & Out jack.

5. OPERATING INSTRUCTIONS

Display Modes:

The RVP+ docking station supports various display configurations depending on your laptop's operating system and graphics card capabilities.

- **Extended Mode:** Each connected monitor displays a different desktop, extending your workspace.
- **Mirror Mode (Duplicate):** All connected monitors display the same content as your primary laptop screen.

For Windows users, the docking station supports both Single-Stream Transport (SST) and Multi-Stream Transport (MST) modes, allowing for flexible multi-monitor setups.

Windows Display Modes

Windows supports both Single-Stream Transport (SST) and Multi-Stream (MST)



*The ability to display on 4 screens simultaneously depends on the capabilities of the laptop graphics card

Image: Examples of Windows display modes, showing configurations for multiple external monitors connected via the RVP+ docking station. The image illustrates various extended desktop setups.

Charging Functionality:

The docking station provides power delivery to your connected laptop and can charge other devices simultaneously.

- **Laptop Charging:** Up to 100W of power is delivered to your laptop via the USB-C upstream port (To Host).
- **Peripheral Charging:** USB-C 3.1 and USB-A 3.0 ports support 7.5W fast charging for phones, tablets, smartwatches, and headphones.

Simultaneous High-Speed Charging



Image: A diagram illustrating simultaneous high-speed charging capabilities of the RVP+ docking station, showing a laptop receiving 100W MAX power, and a smartphone and smartwatch receiving 7.5W each from the docking station's ports.

6. MAINTENANCE

To ensure the longevity and optimal performance of your RVP+ docking station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the docking station. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Ventilation:** Ensure the docking station has adequate ventilation to prevent overheating. Do not block any vents.

7. TROUBLESHOOTING

If you encounter issues with your RVP+ docking station, refer to the following common problems and solutions:

Problem	Possible Solution
No display on external monitor(s).	<ul style="list-style-type: none">◦ Ensure the docking station is powered on and properly connected to your laptop's USB-C port.◦ Check that the HDMI/DisplayPort cables are securely connected to both the docking station and the monitor.◦ Verify your laptop's USB-C port supports DisplayPort Alternate Mode.◦ Try updating your laptop's graphics drivers.◦ Adjust display settings on your laptop (e.g., Extend, Duplicate).
USB devices are not recognized.	<ul style="list-style-type: none">◦ Ensure the docking station is properly connected to your laptop.◦ Try connecting the USB device to a different port on the docking station.◦ Restart your laptop.◦ Ensure the USB device itself is functioning correctly.
No network connection via Ethernet.	<ul style="list-style-type: none">◦ Check the Ethernet cable connection to both the docking station and your router/modem.◦ Verify network settings on your laptop.◦ Ensure your router/modem is working correctly.
Laptop is not charging.	<ul style="list-style-type: none">◦ Ensure the power adapter is connected to the "PD IN" port and a working power outlet.◦ Verify your laptop's USB-C port supports Power Delivery.◦ Check the power adapter's wattage; it must meet or exceed your laptop's charging requirements.

8. SPECIFICATIONS

Feature	Detail
Model	RVP-082321 (13-in-1)
Dimensions	7.83 x 5.91 x 3.62 inches
Weight	1.31 pounds (0.6 Kilograms)
Color	Black

Feature	Detail
Total Ports	13
USB-A Ports	3 (5Gbps, 7.5W charging)
USB-C Ports	1 (To Host, 100W PD) + 1 (5Gbps, 7.5W charging)
HDMI Ports	2 (4K@60Hz)
DisplayPort	2 (4K@60Hz)
Ethernet Port	1 (Gigabit 10/100/1000Mbps)
Audio Jack	1 (3.5mm In & Out)
Power Delivery	Up to 100W to host laptop
Compatible Devices	MacBook Air and other USB-C enabled laptops
UPC	850052306519

9. WARRANTY AND SUPPORT

RVP+ products are designed for reliability and performance. For warranty information and technical support, please visit the official RVP+ website or contact their customer service directly.

RVP+ Customer Support:

- **Website:** [Visit the RVP+ Store on Amazon](#)
- **Email:** Refer to the product packaging or official website for contact email.
- **Phone:** Refer to the product packaging or official website for contact phone number.

Please have your product model (RVP-082321) and UPC (850052306519) ready when contacting support.