

HC PCR100D

HC 11-in-1 USB C Hub 3600 Rotatable Laptop Stand Docking Station

MODEL: PCR100D - USER MANUAL

1. Introduction and Overview

Thank you for choosing the HC 11-in-1 USB C Hub 3600 Rotatable Laptop Stand Docking Station. This innovative product combines the functionality of a versatile laptop stand with a powerful USB-C hub, providing expanded connectivity and an ergonomic workspace. Designed for convenience and efficiency, it allows you to connect multiple peripherals, external displays, and power your device simultaneously, all while maintaining optimal heat dissipation and adjustable viewing angles.



Figure 1: HC 11-in-1 USB C Hub 360° Rotatable Laptop Stand Docking Station

2. Product Features

The HC 11-in-1 Docking Station is engineered to enhance your productivity with its comprehensive set of features:

- **11 Functional Ports:** Includes a USB-C 100W PD charging port, a 4K60Hz HDMI port, 1 USB-A 3.0 port, 2 USB-A 2.0 ports, 2 USB-C 3.0 ports, a Gigabit Ethernet RJ45 port, TF and SD card slots, and a 3.5mm audio jack. All ports can operate concurrently.
- **4K60Hz HDMI Output:** Expand your laptop screen to a larger monitor or TV with resolutions up to 4K UHD (3840x2160@60Hz). No drivers are needed for display output.
- **High-Speed Data Transfer:** USB 3.0 ports enable data transfers up to 5Gbps, significantly faster than USB 2.0. The RJ45 port provides stable 1000Mbps Ethernet connectivity.
- **PD100W Fast Charging:** The Type-C pass-through PD charge port supports up to 100W power input,

allowing for rapid charging of your laptop and other connected devices (charger not included).

- **Adjustable and 360° Rotatable Stand:** The stand can be adjusted in height and angle, and features a 360-degree rotating base for easy screen sharing and ergonomic positioning.
- **Superior Heat Dissipation:** Constructed from aluminum alloy with a hollowed-out design, promoting efficient airflow to prevent overheating of your laptop and the hub.
- **Wide Compatibility:** Compatible with most laptops under 16 inches that feature a full-function USB-C port (supporting Power Delivery, Data Transfer, and Display), including MacBook Pro/Air, Dell Latitude, HP Spectre, Microsoft Surface Book 2/Pro 7, iPad Pro/Air/mini, Galaxy Tab, and Pixel Slate.



Figure 2: Detailed Port Layout of the 11-in-1 Docking Station

3. Setup Instructions

1. **Verify Laptop Compatibility:** Ensure your laptop or tablet has a full-function USB-C port that supports Power Delivery, Data Transfer, and DisplayPort Alternate Mode. Refer to your device's specifications or the compatibility chart below.

⚠ Check Your Laptop Before Purchase

Buy it only when your laptop has a Full-functional USB-C (marked by ✔)
Full-functional USB-C also includes Thunderbolt3/4 and USB4.0
(Support Power delivery, Data transfer and Display)



Popular Compatible Model



MacBook



HP



Dell



Surface



ThinkPad



Acer

Figure 3: USB-C Port Compatibility Guide

2. **Connect to Host Device:** Use the integrated USB-C cable from the docking station to connect to your laptop's full-function USB-C port.
3. **Power Connection (Optional but Recommended):** For optimal performance and charging, connect a USB-C PD charger (up to 100W, not included) to the PD port on the docking station.

PD100W

Fast Pass-through Charging



Figure 4: Connecting Power to the Docking Station

4. **Connect Peripherals:** Plug your desired devices into the corresponding ports on the docking station:

- **HDMI:** Connect an external monitor or TV for video output.
- **USB-A 3.0/2.0 & USB-C 3.0:** Connect USB devices such as keyboards, mice, external hard drives, or flash drives.
- **RJ45 Ethernet:** Connect an Ethernet cable for a stable wired network connection.
- **TF/SD Card Slots:** Insert TF (MicroSD) or SD cards for data access. Note: Only one card can be read at a time.
- **3.5mm Audio Jack:** Connect headphones or speakers.

Laptop Stand with Docking Station

11-in-1 | Pro Max

Model:PCR100D



Figure 5: Connecting Peripherals to the Docking Station

4. Operating Instructions

Once set up, the docking station operates seamlessly with your connected devices.

- **Using External Displays:** Connect your HDMI monitor. Your laptop should automatically detect the external display. You can configure display settings (mirror, extend) through your operating system's display preferences.

EXTEND DISPLAY WITH HDMI NO DRIVERS NEEDED



Figure 6: Extending Display with HDMI

- **Data Transfer:** Files can be transferred between your laptop and connected USB devices or memory cards at high speeds.

High Speed Data Transmission



Figure 7: High-Speed Data Transmission and Connectivity

- **Adjusting the Stand:** The stand's height and angle can be manually adjusted to achieve an ergonomic viewing position. The 360-degree rotatable base allows for easy screen sharing with others.

Your browser does not support the video tag.

Video 1: Demonstrates the 360-degree rotation and adjustable features of the laptop stand, showcasing its versatility for various viewing angles and screen sharing.

360-degree swivel

Share your screen as you wish

Self-locking rotating mechanism, stable at any angle



Figure 8: 360-Degree Swivel for Easy Screen Sharing

5. Maintenance

To ensure the longevity and optimal performance of your HC Docking Station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the docking station. Avoid using abrasive cleaners or solvents that may damage the finish.
- **Storage:** When not in use, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures. The foldable design allows for convenient storage.
- **Handle with Care:** While the aluminum alloy construction is robust, avoid dropping the device or applying excessive force to the adjustable joints.
- **Heat Dissipation:** Ensure the hollowed-out design remains unobstructed to allow for proper airflow and heat dissipation.

Superior heat dissipation

The aluminum alloy's natural heat conductivity and the hollow design, boosts airflow work together



Figure 9: Efficient Heat Dissipation Design

6. Troubleshooting

• No Display on External Monitor:

- Ensure your laptop's USB-C port supports DisplayPort Alternate Mode.
- Check the HDMI cable connection between the docking station and the monitor.
- Verify the monitor's input source is set correctly to HDMI.
- Try restarting your laptop.

• Peripherals Not Detected:

- Ensure the docking station is securely connected to your laptop's full-function USB-C port.
- Try connecting the peripheral directly to your laptop to confirm it's working.
- Restart your laptop.

• Slow Charging or No Charging:

- Ensure a PD-compatible charger is connected to the docking station's PD port.
- Verify the charger's wattage is sufficient for your laptop's power requirements.

- Check the USB-C cable connecting the docking station to your laptop.
- **Intermittent Connectivity:**
 - Ensure all cables are securely connected.
 - Avoid placing the docking station near strong electromagnetic interference sources.
 - Update your laptop's USB-C drivers if available.

7. Specifications

Feature	Specification
Product Name	Notebook Docking Station Swiveling Stand
Model Number	PCR100D
Color	Gray
Material	Aluminum alloy, silicone
Product Dimensions	9.84 x 7.87 x 1.88 inches (9.84"L x 7.87"W x 1.88"H)
Item Weight	2.09 pounds (2.1 Pounds)
Number of Ports	11
Total USB Ports	6 (1x USB-A 3.0, 2x USB-A 2.0, 2x USB-C 3.0, 1x USB-C Host)
Total HDMI Ports	1 (4K60Hz)
Ethernet	RJ45 1000Mbps
Card Reader	TF/SD (simultaneous read not supported)
Audio Jack	3.5mm
Power Delivery	PD100W
Compatibility	Laptops/Tablets 7-15.6 inches with full-function USB-C port



Figure 10: Product Dimensions

8. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact HC customer service directly. Keep your proof of purchase for warranty claims.

You can visit the official HC Store on Amazon for more information and support resources: [HC Store](#)