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› ORICO 6-in-1 USB C Hub Docking Station 6PC25R User Manual

ORICO 6PC25R

ORICO 6-in-1 USB C Hub Docking Station 6PC25R User Manual

Model: 6PC25R

INTRODUCTION

This manual provides detailed instructions for the ORICO 6-in-1 USB C Hub Docking Station, Model 6PC25R. This device expands the connectivity of your USB-C enabled laptop, tablet, or smartphone, offering multiple ports for data transfer, video output, network connection, and power delivery.



Image: The ORICO 6-in-1 USB C Hub Docking Station, showcasing its compact design and various ports.

PRODUCT FEATURES

The ORICO 6-in-1 USB C Hub Docking Station integrates essential ports into a single compact device:

- **HDMI 4K@60Hz:** Connect to an external display for high-resolution video output.
- **USB 3.0 Ports (x2):** For high-speed data transfer up to 5Gbps and connecting peripherals.
- **USB-C Data Port (x1):** For high-speed data transfer up to 5Gbps.
- **USB-C Power Delivery (PD) 100W Port:** For charging your host device while using the hub.
- **2.5G Ethernet Port:** Provides a stable and fast wired network connection.



Image: Diagram illustrating the ORICO 6-in-1 USB C Hub with its various ports clearly labeled, including USB-C PD 100W, USB-A 5Gbps, HDMI 4K@60Hz, Ethernet 2.5Gbps, and USB-C 5Gbps.

PACKAGE CONTENTS

Verify that all items are present in the package:

- ORICO 6-in-1 USB C Hub Docking Station (Model 6PC25R)
- User Manual (this document)



TYPE-C DOCKING STATION



HDMI



USB-C



PD



Image: Front view of the ORICO 6-in-1 USB C Hub product packaging, displaying the device and key features.



Image: Side view of the ORICO 6-in-1 USB C Hub product packaging, highlighting additional features and branding.

SETUP GUIDE

1. **Connect to Host Device:** Plug the integrated USB-C cable of the ORICO hub into a compatible USB-C port on

your laptop, tablet, or smartphone. Ensure the USB-C port on your host device supports DisplayPort Alternate Mode (Alt Mode) for video output and Power Delivery for charging.

2. **Power Connection (Optional but Recommended):** For stable operation, especially when connecting multiple devices or using the HDMI output, connect a USB-C power adapter (up to 100W) to the PD port on the hub. This will also charge your host device.

3. **Connect Peripherals:**

- **HDMI Display:** Connect an HDMI cable from the hub's HDMI port to your monitor or TV.
- **USB Devices:** Plug USB-A or USB-C peripherals (e.g., keyboard, mouse, external hard drive, USB flash drive) into the corresponding ports on the hub.
- **Ethernet Cable:** Connect an Ethernet cable from your router or modem to the 2.5G Ethernet port on the hub for a wired network connection.



Image: The ORICO 6-in-1 USB C Hub connected to a laptop, with HDMI, Ethernet, and PD cables, along with USB-A and USB-C peripherals, demonstrating a typical setup.

OPERATING INSTRUCTIONS

HDMI Output

The HDMI port supports resolutions up to 4K (3840x2160) at 60Hz. Ensure your display and HDMI cable support these specifications for optimal performance.

1. Connect the hub to your host device.
2. Connect an HDMI cable from the hub to your external display.
3. Your operating system should automatically detect the external display. You may need to adjust display settings (e.g., mirror, extend) in your device's system preferences.



Image: A laptop connected to an external monitor through the ORICO hub, displaying a high-resolution image, illustrating the 4K@60Hz HDMI output capability.

USB Data Transfer

The hub features two USB 3.0 Type-A ports and one USB-C data port, all supporting data transfer speeds up to 5Gbps.

1. Connect your USB devices (e.g., flash drives, external SSDs, keyboards, mice) to the available USB-A or USB-C data ports on the hub.
2. Your host device will recognize the connected peripherals.

Transfer Files in Seconds

USB 3.0 Transfers Data Super Fast



Image: A visual representation comparing USB 3.0 (5Gbps) data transfer speed to USB 2.0 (480Mbps), highlighting the faster performance of the hub's USB 3.0 ports.

2.5G Ethernet Connection

The 2.5G Ethernet port provides a stable and high-speed wired network connection, ideal for large file transfers or online gaming.

1. Connect an Ethernet cable from your network router or modem to the 2.5G Ethernet port on the hub.
2. Ensure the hub is connected to your host device.

3. Your operating system should automatically establish a wired network connection. Check network settings if necessary.



Image: A laptop connected to a wired network via the ORICO hub's 2.5G Ethernet port, illustrating fast network speed.

Power Delivery (PD) Charging

The USB-C PD port supports up to 100W power input, allowing you to charge your host device while simultaneously using other hub functions. The actual power output to your device will be less than 100W due to power consumption by the hub itself.

1. Connect a USB-C power adapter (not included) to the PD port on the hub.
2. Ensure the hub's integrated USB-C cable is connected to your host device.
3. Your host device will begin charging.

PD 100W Fast Charging



Image: An illustration showing a laptop being charged via the ORICO hub's 100W Power Delivery port, with an input of 100W and an output of 85W to the laptop.

COMPATIBILITY

The ORICO 6-in-1 USB C Hub is designed for broad compatibility with devices featuring a USB-C port that supports DisplayPort Alternate Mode (Alt Mode) and Power Delivery.

- **Compatible Devices:** MacBook Pro/Air, Dell XPS, HP Spectre, ASUS ZenBook, Lenovo Yoga, Samsung, and other laptops, tablets, and smartphones with a full-featured USB-C port.

- **Operating Systems:** Windows 10/11, Mac OS, Unix, Linux.

Important Note:

Not all USB-C ports are identical. Ensure your device's USB-C port supports DisplayPort Alternate Mode (Alt Mode) for video output and Power Delivery for charging. Refer to your device's specifications or manufacturer for confirmation.



Image: A diagram explaining different types of USB-C ports and their functionalities (charging only, data transfer only, or fully functional with data, video, and power delivery).

TROUBLESHOOTING

- **No Video Output:**

- 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 display.
- Try a different HDMI cable or display.
- Restart your host device.

- **No Power Delivery/Charging:**

- Ensure your host device's USB-C port supports Power Delivery.
- Verify your USB-C power adapter is connected to the hub's PD port and is functioning correctly.
- Check if the power adapter provides sufficient wattage for your device and the hub.

- **USB Devices Not Recognized:**

- Ensure the hub is securely connected to your host device.
- Try connecting the USB device directly to your host device to confirm it works.
- If using high-power USB devices, ensure the hub is connected to an external power source via its PD port.

- **Ethernet Connection Issues:**

- Verify the Ethernet cable is securely connected to both the hub and your router/modem.
- Check your network settings on your host device.
- Ensure your router/modem is functioning correctly.

- **Intermittent Connectivity:**

- Ensure all connections are firm.

- Disconnect and reconnect the hub from your host device.
- If possible, try connecting the hub to a different USB-C port on your host device.
- Some wireless devices (e.g., 2.4GHz wireless mice/keyboards) may experience interference when placed too close to USB 3.0 ports. Try moving them further away or using a USB extension cable.

SPECIFICATIONS

Model	6PC25R
Input	USB-C (Host Connection)
Output Ports	1x HDMI (4K@60Hz) 2x USB 3.0 Type-A (5Gbps) 1x USB-C Data (5Gbps) 1x USB-C PD (100W Max Input) 1x 2.5G Ethernet
HDMI Resolution	Up to 4K (3840x2160) @ 60Hz
USB Data Speed	5Gbps (USB 3.0)
Ethernet Speed	2.5 Gigabit (2500Mbps)
Power Delivery	Up to 100W input (for charging host device)
Material	Aluminum Alloy + ABS
Dimensions (LxWxH)	Approx. 2.95 x 2.95 x 0.75 inches (7.5 x 7.5 x 1.9 cm)
Weight	Approx. 5.3 ounces (150g)
Compatible OS	Windows, Mac OS, Unix, Linux



Image: The back of the ORICO 6-in-1 USB C Hub product packaging, detailing product specifications and compliance information.

MAINTENANCE

- Keep the hub away from water, fire, and corrosive liquids.

- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or modify the hub.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals.
- Store the hub in a cool, dry place when not in use.

WARRANTY AND SUPPORT

ORICO products come with a standard manufacturer's warranty. For specific warranty terms, technical support, or service inquiries, please refer to the official ORICO website or contact their customer support directly. Keep your purchase receipt for warranty claims.

Official ORICO Website: www.orico.com.cn

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