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## OWC OWCTB4HUB5P

# OWC 5 Port Thunderbolt Hub Instruction Manual

Model: OWCTB4HUB5P | Brand: OWC

## INTRODUCTION

This manual provides comprehensive instructions for the OWC 5 Port Thunderbolt Hub. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The OWC Thunderbolt Hub expands the connectivity of your computer, offering multiple Thunderbolt 4 ports and a USB 3.2 Gen 2 Type-A port, along with power delivery capabilities.

## SAFETY INFORMATION

- Do not expose the device to moisture or extreme temperatures.
- Use only the power adapter supplied with the hub.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from strong magnetic fields.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- OWC 5 Port Thunderbolt Hub
- Power Adapter
- Thunderbolt 4 Cable
- Quick Start Guide (not included in this digital manual)

## PRODUCT OVERVIEW

The OWC 5 Port Thunderbolt Hub is designed to expand your computer's connectivity, providing additional Thunderbolt 4 and USB 3.2 Gen 2 Type-A ports. It features a compact design suitable for various setups.



Figure 1: Front view of the OWC 5 Port Thunderbolt Hub, showing the OWC logo and the USB 3.2 10Gb/s port.

## Port Layout

The hub features a variety of ports to connect your devices:

- **Host Port:** One Thunderbolt 4 port (up to 40 Gb/s) for connecting to your computer.
- **Device Ports:** Three Thunderbolt 4 ports for connecting external drives, displays, and other Thunderbolt devices.
- **USB-A Port:** One USB 3.2 Gen 2 Type-A port (up to 10 Gb/s) for connecting USB peripherals. This port is backwards compatible with USB 2.0/3.0.
- **Power Input:** DC IN 20V 5.5A for connecting the power adapter.

# Add More Thunderbolt (USB-C) Ports



+ Add a USB port!

Figure 2: Top and bottom views of the hub, illustrating the arrangement of the DC power input, host Thunderbolt port, three device Thunderbolt ports, and the USB 3.2 port.

## SETUP

- Connect Power:** Plug the provided power adapter into the DC IN port on the OWC Thunderbolt Hub, then connect the adapter to a power outlet.
- Connect to Host Computer:** Use the included Thunderbolt 4 cable to connect the host Thunderbolt 4 port on the hub to an available Thunderbolt 3 or Thunderbolt 4 port on your computer. For USB-C equipped devices, connect to a USB-C port.
- Install Drivers (if necessary):** For most modern operating systems (macOS 11.1 Big Sur or later, Windows 10/11 with Thunderbolt 4), drivers are automatically installed. If prompted, follow on-screen instructions.
- Connect Peripherals:** Connect your Thunderbolt devices, USB devices, and displays to the available ports on the hub.

# Full Performance

No speed and power limits of your devices compared to low-cost limited capability bus-powered hubs.



Figure 3: The hub in use, demonstrating multiple devices connected for full performance.

## OPERATING INSTRUCTIONS

### Power Delivery

- The Thunderbolt 4 host port provides up to 60W of power to charge your connected host computer.
- Each Thunderbolt 4 device port provides 15W of power for external drives and other devices.
- The USB 3.2 Gen 2 Type-A port provides up to 1.5A of power for bus-powered drives and device charging.

# Power It Up

Power/Charge with 60W.

Perfect for most laptops, tablets, smartphones, headphones, watches, and more.



Figure 4: The hub actively charging a laptop and providing power to connected peripherals.

## Display Support

The OWC Thunderbolt Hub supports various display configurations:

- Up to one 8K display at 60Hz.
- Up to one 4K display at 120Hz.
- Up to two 4K displays at 60Hz.
- Up to two 5K displays at 60Hz.
- Display support via Thunderbolt 4: Up to 8K @ 60Hz or 4K @ 120Hz via a native Thunderbolt 4 display or other display that supports USB-C connections and DisplayPort 1.4.
- *Note: Actual display support may vary based on your computer's specifications. Intel-based Apple Mac models and Thunderbolt 4 PCs typically support two displays.*

# Thunderbolt Certified

Built-in OWC reliability / dependability for Mac, PC, iPad Pro, Chromebook and more.



Figure 5: A setup demonstrating the hub's capability to connect a laptop to multiple external displays.

## Compatibility

The hub is compatible with a wide range of devices:

- Macs with an available Thunderbolt 3 or later port running macOS 11.1 Big Sur or later.
- Windows PCs with an available Thunderbolt 4 port.
- Non-Thunderbolt USB-C machines like Chromebooks and iPads.
- USB-C equipped MacBooks, iPads, Chromebooks, and Android devices.
- *Note: Thunderbolt/Thunderbolt 2 Mac models are supported via USB-A host connection, but Thunderbolt/Thunderbolt 2 host connection is not directly supported. USB connection may limit some functionality.*

## Maintenance

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the hub. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the hub in a cool, dry place away from direct sunlight.
- **Cable Management:** Ensure cables are not excessively bent or strained to prevent damage to the ports or cables.

## TROUBLESHOOTING

### Common Issues and Solutions

- **No Power/Device Not Recognized:**

- Ensure the power adapter is securely connected to the hub and a working power outlet.
- Verify the Thunderbolt cable is firmly connected to both the hub and your computer.
- Try a different Thunderbolt port on your computer, if available.
- Restart your computer.

- **Display Issues (No Signal, Flickering):**

- Check all display cables (HDMI, DisplayPort, USB-C to display) are securely connected.
- Ensure your display is set to the correct input source.
- Verify your computer's display settings (resolution, refresh rate) are compatible with the connected display and hub capabilities.
- Update your computer's graphics drivers.

- **Slow Data Transfer Speeds:**

- Ensure you are using high-quality Thunderbolt or USB 3.2 cables.
- Confirm the connected device supports the speeds advertised by the hub (e.g., a USB 2.0 device will not achieve USB 3.2 speeds).
- Avoid connecting too many high-bandwidth devices simultaneously if experiencing slowdowns.

## SPECIFICATIONS

Feature	Detail
Model Number	OWCTB4HUB5P
Brand	OWC
Product Dimensions	19.69 x 19.69 x 11.02 inches
Item Weight	7 ounces
Color	Also Black/Gray
Hardware Interface	Thunderbolt
Special Feature	Powered
Host Port	1x Thunderbolt 4 (up to 40 Gb/s)
Device Ports	3x Thunderbolt 4, 1x USB 3.2 Gen 2 Type-A (10 Gb/s)

Feature	Detail
Host Power Delivery	Up to 60W
Device Power Delivery	15W per Thunderbolt 4 port, 1.5A for USB-A port
Display Support	Up to 8K @ 60Hz or 4K @ 120Hz (single display); Up to two 4K @ 60Hz or two 5K @ 60Hz (dual displays)
Compatible Devices	Macs with Thunderbolt 3+, Windows PCs with Thunderbolt 4, USB-C equipped MacBooks, iPads, Chromebooks, Android devices

## WARRANTY INFORMATION

The OWC 5 Port Thunderbolt Hub comes with a **2 Year OWC Limited Warranty**. For detailed terms and conditions, please refer to the official OWC website or contact customer support.

## SUPPORT

For further assistance, technical support, or warranty claims, please visit the official OWC support website or contact their customer service department.

- **OWC Support Website:** [www.owcdigital.com/support](http://www.owcdigital.com/support)
- **Online Resources:** FAQs, drivers, and additional documentation may be available online.

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## Related Documents - OWCTB4HUB5P

 <p><b>OWC Thunderbolt Go Dock</b> Support Manual Introduction System Requirements Operating Systems • Mac • Linux 11.04 or later • PC • Mac OS X 10.6 or later • Other • iPads, Chrome OS, Android &amp; Linux (beta version recommended)</p>	<p><a href="#"><u>OWC Thunderbolt Go Dock Support Manual</u></a></p> <p>Comprehensive support manual for the OWC Thunderbolt Go Dock, detailing system requirements, hardware features, setup, device drivers, management, troubleshooting, and safety precautions.</p>
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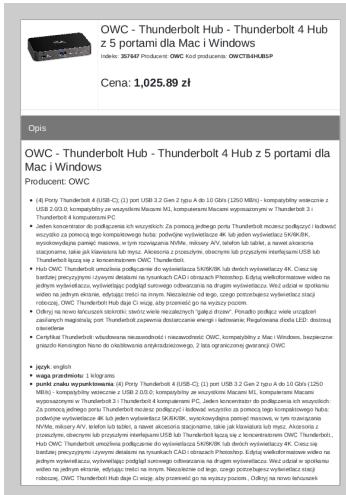
<p><b>OWC 14-Port Thunderbolt 3 Dock</b></p> <p><a href="#">Support Manual</a></p>  <p>Angle shot view of two OWC Thunderbolt 3 Docks. One facing forward and backwards. The front facing dock has a black faceplate with a silver metal band across the middle. The back facing dock has a silver faceplate with a black metal band across the middle. Both docks have multiple ports visible on the sides and back.</p> <p><b>Introduction</b></p> <p><b>1.1 System Requirements</b></p> <p>Operating System &amp; Hardware</p> <ul style="list-style-type: none"> <li>• Mac OS X 10.12 or later</li> <li>• Windows 10 15.0 or later</li> <li>• Network</li> </ul>	<p><a href="#">OWC 14-Port Thunderbolt 3 Dock Support Manual   Connectivity and Setup Guide</a></p> <p>Comprehensive support manual for the OWC 14-Port Thunderbolt 3 Dock. Learn about system requirements, package contents, port configurations, setup, OWC Innergize software, unmounting drives, troubleshooting, and safety precautions.</p>
<p><b>OWC Thunderbolt™ 5 Hub</b></p> <p><a href="#">Support Manual</a></p>  <p><b>Introduction</b></p> <p><b>1.1 System Requirements</b></p> <p>Operating System &amp; Hardware</p> <ul style="list-style-type: none"> <li>• Mac OS X 10.14 or later</li> <li>• Thunderbolt 3 or later</li> <li>• Thunderbolt 3 requires macOS 10.13 or later</li> <li>• Thunderbolt 3 requires macOS 10.14 or later</li> <li>• PC</li> <li>• Windows 11 or later</li> </ul>	<p><a href="#">OWC Thunderbolt 5 Hub Support Manual</a></p> <p>This support manual provides comprehensive information on the OWC Thunderbolt 5 Hub, including system requirements, package contents, front and rear views, side view, getting started guide, device management, unmounting devices, usage notes, support resources, troubleshooting, online resources, data backup, contacting support, manual details, general use precautions, safety precautions, and terms and conditions of sale.</p>
<p><b>OWC Gemini (1GbE)</b></p> <p><a href="#">Support Manual</a></p>  <p><b>Introduction</b></p> <p><b>1.1 System Requirements</b></p>	<p><a href="#">OWC Gemini (1GbE) - Support Manual and User Guide</a></p> <p>Comprehensive support manual for the OWC Gemini (1GbE) storage solution, covering system requirements, setup, assembly, RAID configuration, device management, software, troubleshooting, and safety precautions.</p>
 <p><b>THUNDERBOLT PRO DOCK</b> 10Port Professional Workflow Station</p> 	<p><a href="#">OWC Thunderbolt Pro Dock User Guide</a></p> <p>User guide for the OWC Thunderbolt Pro Dock, a 10-port professional workflow solution. Details system requirements, connection, ports, drivers, troubleshooting, and support.</p>
<p><b>OWC Express 1M2</b></p> <p><a href="#">Support Manual</a></p>  <p><b>Introduction</b></p> <p><b>1.1 System Requirements</b></p> <p>Operating System &amp; Hardware</p> <ul style="list-style-type: none"> <li>• Works with any USB-A or Thunderbolt 3/USB-C enclosure</li> <li>• Mac</li> <li>• Windows 10 15.0 or later</li> </ul>	<p><a href="#">OWC Express 1M2 Support Manual: Setup, Installation, and Usage Guide</a></p> <p>Comprehensive support manual for the OWC Express 1M2 NVMe SSD enclosure, covering system requirements, package contents, setup, installation, device management, troubleshooting, and safety precautions.</p>



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Brian Huang ASR Thunderbolt Device Support List ASRock prieš 7 dienas — Description Model  
Monitor LG 32UL950 W ASUS PA27AC Storage Samsung X5 MU PB500B Hub OWC OWCTB4HUB5P  
NUC 1340P D4 asrock IPC OWCTB4HUB5P prieš OWCTB4HUB5P NUC 1360P D4 asrock ||| |||  
Thunderbolt Device Support List Device Monitor Monitor Storage Hub Description LG ASUS Samsung X5  
OWC Model 32UL950-W PA27AC MU-PB500B OWCTB4HUB5P  
Thunderbolt Device Support List Device Monitor Monitor Storage Hub Description LG  
ASUS Samsung X5 OWC Model 32UL950-W PA27AC MU-PB500B  
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**ASRock**  
Industrial

**Thunderbolt Device Support List**

Device	Description	Model
Monitor	LG	32UL950-W
Monitor	ASUS	PA27AC
Storage	Samsung X5	MU-PB500B
Thunderbolt 4.0 HUB	OWC	OWCTB4HUB5P

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**Price Guide**

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Drives	Computer Components - Optical drives	Computer Components
Displays	Drives	Electrical & Industry
Electronics Components	Electrical White Boards	Gadgets & Toys
Fans / Cooling / Lights / Mods	Gadgets & Toys	Gaming & GAMES
Glasses / Eyewear	GPS	Graphics cards
Home & Office / Broadcasters	Health safety & hygiene	Household & Smart Home
Input devices	KVM switches & cables	Industrial & Manufacturing
LED, LCD & eco lighting	Monitors - Monitors - Monitor boxes - MP4 players	Laptops
Modems	Monitors	Motherboards - AMD
Motherboards & Intel	Motherboards	Monitors
Headphones & Headsets	Multi-function	Monitors
Monitors	Necklace	Monitors
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