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OWC OWCTB4DOCK

OWC 11-Port Thunderbolt Dock User Manual

Model: OWCTB4DOCK

Brand: OWC

INTRODUCTION

The OWC 11-Port Thunderbolt Dock is designed to expand the connectivity of your computer or mobile device, providing multiple ports for peripherals, displays, and network access through a single Thunderbolt connection. It offers a streamlined solution for managing your workspace and enhancing productivity.



Image: The OWC 11-Port Thunderbolt Dock, a compact and powerful connectivity solution.

PACKAGE CONTENTS

- OWC 11-Port Thunderbolt Dock
- Thunderbolt 4 cable
- Power supply
- Quick start guide
- Dock Ejector

PRODUCT OVERVIEW

The OWC 11-Port Thunderbolt Dock features a comprehensive array of ports on both its front and rear panels, designed for maximum accessibility and cable management.



Image: Top-down view illustrating the front and rear port layouts of the OWC Thunderbolt Dock.

Front Ports:

- **SD Card Slot:** Supports SD 4.0 UHS-II for high-speed data transfer.
- **USB 2.0 Port:** For connecting standard USB devices.
- **3.5mm Stereo Audio Input/Output Combo Port:** For headphones, microphones, or external speakers.
- **Thunderbolt 4 Host Port:** Connects to your computer, providing up to 96W of power delivery.
- **Recessed Push-Button:** For adjusting LED brightness preference.

Rear Ports:

- **DC In 20V:** Power input for the dock.
- **3 x Thunderbolt 4 Ports:** Provides 40 Gb/s data transfer and 15W power delivery each for connecting additional Thunderbolt devices.
- **Gigabit Ethernet (GbE) RJ-45 Port:** For wired network connectivity.
- **3 x USB 3.2 Gen 2 Type-A Ports:** Offers 10Gb/s data transfer and 1.5A charging each for USB devices.
- **Kensington Security Slot:** For attaching anti-theft cabling.

SETUP

Follow these steps to set up your OWC 11-Port Thunderbolt Dock:

1. **Connect Power:** Plug the included power supply into the dock's DC In port and then into a wall outlet.
2. **Connect to Computer:** Use the provided Thunderbolt 4 cable to connect the dock's Thunderbolt 4 Host Port (front) to a Thunderbolt 3, Thunderbolt 4, or USB-C port on your computer.
3. **Connect Peripherals:** Connect your external monitors, USB devices, Ethernet cable, and audio devices to the corresponding ports on the dock.
4. **Verify Connections:** Ensure all cables are securely connected to their respective ports.

See More

Connect a single 5K/6K/8K display
or two 4K displays.



Image: The OWC Thunderbolt Dock connected to a laptop with various peripherals, demonstrating its comprehensive connectivity.

OPERATING INSTRUCTIONS

Power Delivery

The Thunderbolt 4 host port provides up to 96W of power to your host computer, allowing it to charge while connected. The three Thunderbolt 4 device ports provide 15W of power each, and the USB ports provide up to 1.5A for bus-powered drives and device charging. Power delivery may vary depending on the load and number of connected peripherals.

Display Connectivity

The dock supports a variety of display configurations, including up to one 8K display at 60Hz, two 4K displays at 60Hz, one 4K display at 120Hz, or two 5K displays at 60Hz. Actual display support is dependent on your computer's specifications. Intel-based Apple Mac models and Thunderbolt 4 PCs are capable of supporting two displays.

100% Certified Compatibility



Use with Thunderbolt 4/3, USB4, and USB-C machines and devices.



Image: A laptop connected to two external monitors, showcasing the dock's dual display capabilities.

Daisy Chaining

The OWC 11-Port Thunderbolt Dock allows for the creation of three independent "tree branch" daisy chains. This feature enables you to connect multiple Thunderbolt devices, including bus-powered drives, without the need to disconnect other devices in the chain, ensuring continuous workflow and expanded connectivity.

The Connect-It-All Solution

The latest Thunderbolt interface uses a universal USB-C connector to transfer data, output video, and charge devices through the same cable. The OWC 11-Port Thunderbolt Dock's Thunderbolt ports use that same USB-C connector to create a multi-connectivity solution for millions of existing and future Thunderbolt and USB-C computers and devices. Plus, the ports are fully USB4 future compatible.

Connectivity and Convenience

Massively expand the Thunderbolt functionality of your Apple silicon M1 or M2 Mac, any Apple 'Intel' Mac with Thunderbolt 3, or any Thunderbolt 4 PC. You can also use the OWC 11-Port Thunderbolt Dock with non-Thunderbolt USB-C machines like Chromebooks and iPads too. Gain convenient access to portable gear, headphones, and SD cards. Add your favorite Thunderbolt and USB devices, Gigabit Ethernet, and an SD card reader to your workflow... all while keeping your space free of cable clutter.

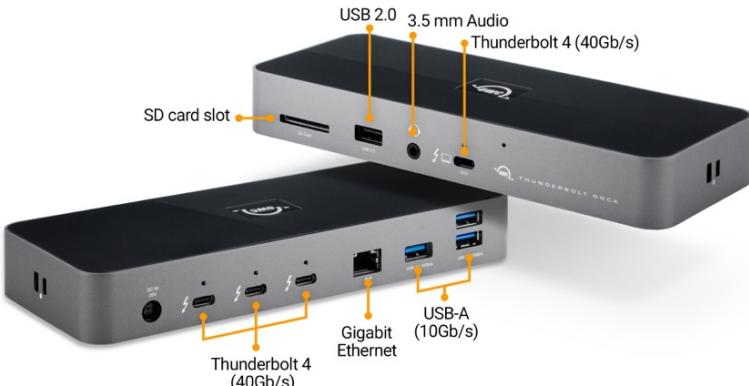


Image: A diagram illustrating how the OWC Thunderbolt Dock facilitates multiple daisy chains for expanded device connectivity.

COMPATIBILITY

The OWC 11-Port Thunderbolt Dock is broadly compatible with a 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 MacBook, iPad, Chromebook, and Android devices.

For best results, use the included certified Thunderbolt 4 cable and connect to a Thunderbolt 3 or 4 host.



A Higher Vision

The OWC 11-Port Thunderbolt Dock's technology empowers you to connect a single 5K/6K/8K display or up to two 4K displays. Enjoy more precise and vivid details in graphic-intensive CAD drawings. Attend a video meeting on one screen while editing content on another. Take your Adobe Photoshop or Affinity Photo images up a notch. Edit large format video on one display, while previewing the raw playback on the other. Whatever your workstation display needs, the OWC 11-Port Thunderbolt Dock gives you the vision to take it to the next level.



SD Card Reader

Getting content to your computer is a necessity now that photo and video creation have become a part of daily life. Don't waste time struggling with data transport. Transfer your creative files quickly, easily, and conveniently with the OWC 11-Port Thunderbolt Dock's SD card reader.



Get Wired

Nothing can put you behind schedule like slow, low-quality Wi-Fi. Don't settle for a sub-par connection. Plug your wired network into the OWC 11-Port Thunderbolt Dock's Gigabit Ethernet port for uninterrupted downloads, fast and reliable file transfers, secure network access, and increased productivity.

Image: A detailed compatibility matrix showing supported devices and display configurations for the OWC Thunderbolt Dock.

MAINTENANCE

To ensure the longevity and optimal performance of your OWC 11-Port Thunderbolt Dock, follow these maintenance

guidelines:

- **Cleaning:** Gently wipe the exterior of the dock with a soft, dry, lint-free cloth. Avoid using liquid cleaners, aerosols, or harsh chemicals, as they may damage the finish or internal components.
- **Ventilation:** Ensure the dock is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Cable Management:** Keep cables organized and free from kinks or excessive bends to prevent damage to the cables and ports.
- **Storage:** When not in use for extended periods, store the dock in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your OWC 11-Port Thunderbolt Dock, refer to the following common troubleshooting steps:

No Display Output

- Ensure the Thunderbolt cable connecting the dock to your computer is securely plugged in at both ends.
- Verify that your display cables (e.g., USB-C to DisplayPort) are correctly connected to both the dock and your monitor.
- Check your computer's display settings to confirm the external monitor is detected and configured correctly.
- Confirm that your computer's hardware specifications support the desired display resolution and refresh rate.

Devices Not Recognized

- Try reconnecting the device to a different port on the dock.
- Ensure the device has sufficient power, especially for bus-powered devices.
- Attempt to connect the device directly to your computer to rule out device-specific issues.
- Restart your computer and the dock.

Intermittent Connectivity

- Ensure you are using the certified Thunderbolt 4 cable provided with the dock.
- Check for any loose connections at the dock or computer.
- Restart your computer and the dock.
- Update your computer's Thunderbolt drivers and firmware.

Power Delivery Issues

- Verify the dock's power adapter is securely connected to a working power outlet.
- Note that connecting many high-demand devices simultaneously may reduce the available power for charging your host computer.

SPECIFICATIONS

Feature	Detail
Brand	OWC
Model Number	OWCTB4DOCK
Total Ports	11
Thunderbolt 4 Host Port	1 (up to 96W Power Delivery)
Thunderbolt 4 Device Ports	3 (40 Gb/s, 15W Power Delivery each)
USB 3.2 Gen 2 Type-A Ports	3 (10Gb/s, 1.5A charging each)
USB 2.0 Port	1
Ethernet Port	1 (Gigabit Ethernet RJ-45)
Audio Port	1 (3.5mm Stereo Audio Input/Output Combo)
SD Card Reader	1 (SD 4.0 UHS-II)
Display Support	Up to one 8K @ 60Hz, two 4K @ 60Hz, one 4K @ 120Hz, or two 5K @ 60Hz
Dimensions	2.87" L x 7.8" W x 1.02" H
Weight	0.88 Pounds
Compatible Devices	Chromebooks, Laptop/Personal Computer, Tablets

WARRANTY INFORMATION

The OWC 11-Port Thunderbolt Dock comes with a 2-Year OWC Limited Warranty. For detailed warranty terms and conditions, please refer to the official OWC website or contact OWC customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or product inquiries, please visit the official OWC support website: www.owcdigital.com/support.

You can also find additional resources and FAQs on the OWC Store page on Amazon [OWC Amazon Store](#).

Related Documents - OWCTB4DOCK

 <p>OWC Thunderbolt Go Dock Support Manual Introduction 1.1 System Requirements Operating Systems ▪ Mac ▪ Mac OS X 10.6 or later ▪ PC ▪ Windows 7 or later ▪ Other ▪ iPadOS, Chrome OS, Android & Linux (beta version recommended)</p>	<p>OWC Thunderbolt Go Dock Support Manual</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>
 <p>OWC 14-Port Thunderbolt 3 Dock Support Manual Introduction 1.1 System Requirements Operating Systems ▪ Mac OS X 10.6 or later ▪ Windows 10 or later ▪ Linux</p>	<p>OWC 14-Port Thunderbolt 3 Dock Support Manual Connectivity and Setup Guide</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>THUNDERBOLT PRO DOCK Support Manual Introduction 1.1 System Requirements Operating Systems ▪ Mac OS X 10.6 or later ▪ Windows 10 or later ▪ Linux</p>	<p>OWC Thunderbolt Pro Dock User Guide</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>THUNDERBOLT 3 DOCK User Guide Introduction 1.1 System Requirements Operating Systems ▪ Mac OS X 10.6 or later ▪ Windows 10 or later ▪ Linux</p>	<p>OWC Thunderbolt 3 Dock User Guide: Setup, Features, and Support</p> <p>Official user guide for the OWC Thunderbolt 3 Dock. Provides detailed information on system requirements, package contents, port connections, usage notes, troubleshooting, and technical support for Mac and Windows users.</p>
 <p>THUNDERBOLT 2 DOCK User Guide Introduction 1.1 System Requirements Operating Systems ▪ Mac OS X 10.6 or later ▪ Windows 10 or later ▪ Linux</p>	<p>OWC Thunderbolt 2 Dock User Guide: Setup, Features, and Support</p> <p>Comprehensive user guide for the OWC Thunderbolt 2 Dock, covering system requirements, port details, connection instructions, usage notes, troubleshooting, and technical support from OWC.</p>
 <p>Dock Ejector User Guide Introduction 1.1 Software Setup OWC Dock Ejector Getting Started 1.1 Software Setup ▪ Dock Ejector software is an optional software download for OWC dock ▪ To use the Dock Ejector software, you must have an OWC dock connected to your computer via Thunderbolt 2 or 3. ▪ Connect the Dock Ejector software to the computer via USB or Thunderbolt 2 or 3. ▪ Open Dock Ejector and enter the name of the disk image file. ▪ Drag and drop the disk image file into the Dock Ejector window. ▪ Download and install OWC Dock Ejector for Mac.</p>	<p>OWC Dock Ejector User Guide</p> <p>User guide for the OWC Dock Ejector application, detailing software setup, volume ejection for Mac and Windows users, software management, uninstallation, troubleshooting, and support resources.</p>