

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [OWC](#) /

› [OWC 14-Port Thunderbolt Dock User Manual](#)

## OWC 3419

# OWC 14-Port Thunderbolt Dock User Manual

Brand: OWC | Model: 3419

## OVERVIEW

The OWC 14-Port Thunderbolt Dock is a versatile solution designed to expand the connectivity of your Thunderbolt-equipped Mac or PC. It consolidates multiple cables into a single connection, providing power, display support, and a wide array of ports for your devices. This dock is ideal for streamlining your workspace and enhancing productivity.



Front view of the OWC 14-Port Thunderbolt Dock, showcasing its sleek design and front-facing ports.

# Works with Millions

PC / Mac / iPad Pro



USB4 / Thunderbolt 4 / Thunderbolt 3

Thunderbolt / Thunderbolt 2 backward compatible too!



Diagram illustrating the OWC 14-Port Thunderbolt Dock's compatibility with various devices including PCs, Macs, and iPad Pros, highlighting its USB4/Thunderbolt 4/Thunderbolt 3 and backward compatibility.

# *Charge It Up*

Keep your computer/device  
juiced up with 85W of power.



Close-up of the OWC 14-Port Thunderbolt Dock highlighting its 85W power delivery capability to charge connected computers and devices.

# Visual Stunner



Connect two 4K displays  
or one 5K display



An OWC 14-Port Thunderbolt Dock connected to a laptop, supporting dual 4K displays, demonstrating its visual output capabilities.



A diagram illustrating the OWC 14-Port Thunderbolt Dock's comprehensive connectivity, showing how a single cable connects to a laptop and provides multiple ports for various devices.

## One Cable. Connectivity for Your World.

Through a single cable, the 14-Port Thunderbolt Dock brings an unprecedented combination of ports, convenience and power to your Thunderbolt equipped Windows or Mac. Bring functionality back to your notebook. Quickly access all of the displays and peripherals at your desk while minimizing desk clutter. Charge your computer and all of your mobile devices simultaneously. Connect and make any shared workspace feel like home.

Through one cable, the 14-Port Thunderbolt Dock makes all of this possible in a sleek aluminum design with an ideal port configuration optimized by our engineering team to fit any environment.

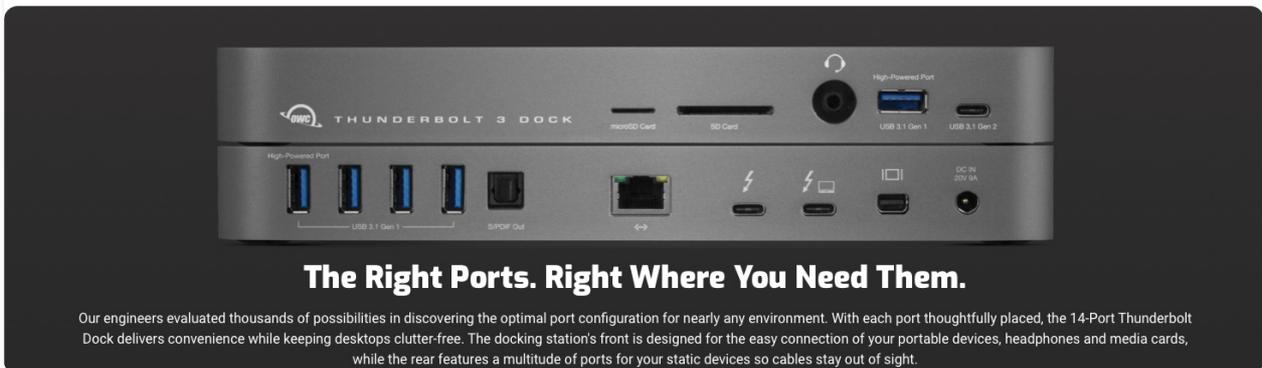
Welcome to your new world of connectivity.



A detailed diagram of the OWC 14-Port Thunderbolt Dock's front and back port layouts, emphasizing the strategic placement of ports for ease of use and cable management.

## Connect. Work. Disconnect. Go.

The days of only working at your desk are gone. We're always on the move bouncing between our desks, meetings, and couches – often in a hurry. With a single connection to your notebook computer, the 14-Port Thunderbolt Dock makes coming back to your desk to work and leaving your desk to run to a meeting a much quicker endeavor.



An infographic detailing the key features of the OWC 14-Port Thunderbolt Dock, including Thunderbolt Power, Card Readers, USB Connections, Multiple Displays, Gigabit Ethernet, and S/PDIF Digital Audio Output.

Your browser does not support the video tag.

Official OWC video showcasing how the Billie Eilish team utilizes OWC products, including the Thunderbolt Dock, for their on-the-road studio setup.

Your browser does not support the video tag.

Official OWC product spotlight video for the 14-Port Thunderbolt 3 Dock, highlighting its features and benefits.

## SETUP

Follow these steps to set up your OWC 14-Port Thunderbolt Dock:

- 1. Connect Power:** Plug the external power supply into the DC IN port (20V 9A) on the back of the dock, and then connect it to a power outlet.
- 2. Connect to Host Device:** Use the included Thunderbolt 3 cable to connect the host Thunderbolt 3/4 (USB-C) port on the back of the dock (indicated by a lightning bolt and laptop icon) to your Mac or Windows PC. This connection also provides up to 85W of power to charge your notebook.

3. **Connect Displays:** Connect your external displays to the Mini DisplayPort 1.2 or the secondary Thunderbolt 3 (USB-C) port on the back of the dock. The dock supports up to one 5K display at 60Hz or two 4K displays at 60Hz.
4. **Connect Peripherals:** Plug in your USB devices, Ethernet cable, and audio devices to the available ports on the front and back of the dock as needed.

## OPERATING

Once set up, the OWC 14-Port Thunderbolt Dock operates seamlessly to expand your computer's capabilities:

- **Power Delivery:** The host Thunderbolt (USB-C) connection provides up to 85W of power to charge your connected notebook. Two high-powered USB Type-A ports also deliver 5Gb/s speed and up to 7.5W power for additional devices.
- **Display Support:** Connect up to one 5K display at 60Hz or two 4K displays at 60Hz via the Thunderbolt 3 or Mini DisplayPort.
- **Card Readers:** Utilize the SD 4.0 UHS-II and microSD card reader slots on the front for fast data transfer (up to 312MB/s) from your media cards.
- **USB Connections:** Access a total of seven USB ports, including one USB 3.2 Gen 2 Type-C (10Gb/s) and five USB 3.2 Gen 1 Type-A (5Gb/s) ports, for connecting various peripherals like printers, storage, and cameras.
- **Gigabit Ethernet:** Enjoy high-speed, reliable wired networking with the GbE RJ-45 port, offering 1000Mb/s bandwidth.
- **Audio Ports:** Connect your audio devices via the S/PDIF Digital Audio Output port or the 3.5mm Stereo Audio Input/Output Combo Port.

## MAINTENANCE

To ensure the longevity and optimal performance of your OWC 14-Port Thunderbolt Dock, follow these maintenance guidelines:

- **Keep Clean:** Regularly wipe the exterior of the dock with a soft, dry, lint-free cloth. Avoid using harsh chemicals or abrasive materials.
- **Proper Ventilation:** Ensure the dock is placed in a well-ventilated area to prevent overheating, especially during prolonged use or heavy data transfers. Do not block any ventilation openings.
- **Cable Management:** Organize cables neatly to prevent strain on ports and accidental disconnections. Avoid bending cables sharply.
- **Environmental Conditions:** Operate the dock within recommended temperature and humidity ranges. Avoid exposing it to extreme heat, cold, or moisture.

- **Firmware Updates:** Periodically check the OWC website for any available firmware updates for your dock. Keeping the firmware updated can improve performance and compatibility.

## TROUBLESHOOTING

If you encounter issues with your OWC 14-Port Thunderbolt Dock, refer to the following common problems and solutions:

Issue	Possible Cause	Solution
No display output or flickering display	Loose cable connection, incorrect display settings, driver issues.	Ensure all display cables are securely connected. Check your computer's display settings. Update graphics drivers for your computer. Try a different display cable.
USB devices not recognized or disconnecting	Faulty USB cable, insufficient power, driver issues, dock overheating.	Try a different USB cable or port. Ensure the dock is receiving adequate power. Update USB drivers. If overheating, ensure proper ventilation.
Ethernet connectivity issues	Loose Ethernet cable, network driver issues, network configuration problems.	Check that the Ethernet cable is securely plugged into both the dock and your router/modem. Update network drivers. Verify network settings on your computer.
Dock becomes hot during use	Normal operation under heavy load, insufficient ventilation.	Some heat is normal, especially with multiple devices connected or during high data transfer. Ensure the dock is in a well-ventilated area and not covered. If excessively hot, reduce connected devices or heavy workloads temporarily.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	9.06 x 3.5 x 0.98 inches
Item Weight	1.1 pounds
ASIN	B07JMH6BSY
Item model number	3419
Customer Reviews	4.1 out of 5 stars (916 ratings)

Feature	Detail
Best Sellers Rank	#40,300 in Electronics, #456 in Laptop Docking Stations
Is Discontinued By Manufacturer	No
Date First Available	October 22, 2018
Manufacturer	Other World Computing
Country of Origin	Thailand
Brand	OWC
Color	Space Gray
Hardware Interface	Thunderbolt 3
Compatible Devices	PC, Mac
Total USB Ports	7
Number of Ports	14
Wattage	85 watts
Global Trade Identification Number	00810586030540

## WARRANTY & SUPPORT

The OWC 14-Port Thunderbolt Dock comes with a **2-Year OWC Limited Warranty**, ensuring peace of mind regarding its quality and performance.

For technical support, troubleshooting assistance, or warranty claims, please visit the official OWC support website or contact their customer service team directly. Keep your product's model number and purchase date handy for faster service.

**OWC Support Contact:** Please refer to the contact information provided in your product packaging or on the official OWC website.

**Related Documents - 3419**

 <p><b>OWC 14-Port Thunderbolt 3 Dock</b></p> <p>Support Manual</p> <p>Introduction</p> <p>1.1 System Requirements</p> <p>Operating System</p> <ul style="list-style-type: none"> <li>• macOS 10.14 or later</li> <li>• Windows 10 or later</li> </ul> <p>Hardware</p>	<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 Innergy software, unmounting drives, troubleshooting, and safety precautions.</p>
 <p><b>THUNDERBOLT PRO DOCK</b></p> <p>10-Port Professional Workflow Solution</p> <p>Introduction</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 Thunderbolt Go Dock</b></p> <p>Support Manual</p> <p>Introduction</p> <p>1.1 System Requirements</p> <p>Operating System</p> <ul style="list-style-type: none"> <li>• macOS 10.14 or later</li> <li>• Windows 10 or later</li> <li>• Other</li> </ul> <p>Hardware</p>	<p><a href="#">OWC Thunderbolt Go Dock Support Manual</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>
 <p><b>THUNDERBOLT 2 DOCK</b></p> <p>User Guide</p>	<p><a href="#">OWC Thunderbolt 2 Dock User Guide: Setup, Features, and Support</a></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><b>THUNDERBOLT 3 DOCK</b></p> <p>User Guide</p>	<p><a href="#">OWC Thunderbolt 3 Dock User Guide: Setup, Features, and Support</a></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><b>OWC ENVY PRO FX</b></p> <p>Thunderbolt and USB-C Compatible Bus-Powered Portable SSD</p> <p>Introduction</p>	<p><a href="#">OWC Envoy Pro FX Thunderbolt &amp; USB-C Portable SSD User Guide</a></p> <p>Comprehensive user guide for the OWC Envoy Pro FX, a high-performance, bus-powered portable SSD. Covers system requirements, enclosure features, usage notes, troubleshooting, data backup, and contact information.</p>