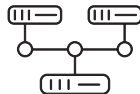



Three Ethernet Ports

Connect up to three separate networks and/or high-speed network devices simultaneously.


2x Faster NAS Performance

Combine the two 10GbE ports with link aggregation for up to 20GbE.


Convenient Connectivity

Three Thunderbolt™ 5 (USB-C) and four USB 10Gb/s ports for connecting displays, drives, and devices.


Sharper, Smoother Visuals

Supports up to three 8K monitors @ 60Hz with DSC or two 8K monitors @ 120Hz.

OWC Thunderbolt 5 Dual 10GbE Network Dock

Simplifies Network-Based Workflows Plus Unleashes up to 20GbE for NAS and Shared Storage.

One cable. One dock. Complex networking simplified.

You can tell it's special with just one glance. Three fully independent high speed Ethernet ports. Four Thunderbolt 5 and four USB ports. The Thunderbolt 5 Dual 10GbE Network Dock is the first all-in-one solution that simplifies complex multi-network workflows and unlocks high-bandwidth network storage connectivity while offering everyday docking convenience. Whether handling audio production with Dante, routing 4K NDI video streams for broadcast, outputting large high-res files to NAS storage, or administering a cluster of virtual machines in the cloud, it can all be done through this one dock via a single cable connection to a Thunderbolt equipped Mac or PC.

Key Features

- **Multi-Network Versatility:** Dual, fully independent 10Gb/s Ethernet ports and a front facing 2.5Gb/s Ethernet port let you connect up to three separate networks and/or high-speed network devices simultaneously
- **Extreme Throughput:** Bond the 10GbE ports with link aggregation and access a NAS at up to 20Gb/s from a notebook computer
- **One Simple Solution:** Easily handle complex multi-network workflows, unlock high-bandwidth network storage connectivity, and expand connectivity possibilities with this dock and included Thunderbolt 5 cable
- **Transformative:** Experience workstation/server-class networking from your notebook and enable workflows that were previously cumbersome or impossible
- **Convenient Connectivity:** Three Thunderbolt 5 and four USB 10Gb/s ports offer the flexibility to use both cutting-edge devices and legacy gear
- **More Devices:** Create three separate daisy chains of devices – even bus powered - and remove devices from one chain without affecting the other chains
- **Greater Visual Clarity:** Enhance efficiency with sharper details by connecting up to three 8K displays¹
- **Silently Cool:** Fanless aluminum enclosure for quiet and cool operation



Part Number	UPC	Available
OWCTB5DK11PD210G	810179170776	Now

OWC Thunderbolt 5 Dual 10GbE Network Dock

Tech Specs

Includes

- OWC Thunderbolt 5 Dual 10GbE Network Dock
- 0.7M (28") Thunderbolt Cable
- 90W External Power Supply and Power Cable
- Getting Started QR insert for OWC Thunderbolt 5 Dual 10GbE Network Dock
- Support Manual for OWC Thunderbolt 5 Dual 10GbE Network Dock (digital)
- OWC Dock Ejector for Mac and Windows (digital download)
- User Guide for OWC Dock Ejector (digital)
- 2 Year OWC Limited Warranty

Specifications

Device Ports

- (2) 10 Gigabit Ethernet (10GbE) RJ-45 Ports (backside)
- (1) 2.5 Gigabit Ethernet (2.5GbE) RJ-45 Port (frontside)
- (1) Host Port - Thunderbolt 5 uplink (USB-C) up to 80Gb/s bi-directional data speed and up to 120Gb/s display bandwidth
- (3) Thunderbolt 5 (USB-C) ports up to 80Gb/s bi-directional data speed and up to 120Gb/s display bandwidth
- (1) USB-C 10Gb/s
- (3) USB-A 10Gb/s

Power Delivery

- Thunderbolt 5 device ports (for external drives and other devices) each provide 15W of power.
- USB-C 10Gb/s port provides up to 15W of power for bus-powered drives and device charging.

Display Support

- Up to three 8K @ 60Hz with DSC,
- or two 8K @ 120Hz with DSC,
- or three 4K @ 144Hz with DSC

Display Support by Port

- Thunderbolt 5 up to two 8K @ 120Hz or three 4K @ 144Hz via a native Thunderbolt 5 display or other displays that support USB-C connections and DisplayPort 2.1¹

Ethernet Speeds (RJ-45)

- 10Gb/s (10GBASE-T)
- 5Gb/s (5GBASE-T)
- 2.5Gb/s (2.5GBASE-T)
- 1Gb/s "Gigabit" (1000BASE-T)
- 100Mb/s (100BASE-T)

MDM (Mobile Device Management) Ready

- Yes

Chipset / Controller

- Thunderbolt: Barlow Ridge JHL-9480
- USB 3.2: GL3590
- USB 2.0: Fresco Logic FL5801
- 10Gb Ethernet: AQC113
- 2.5Gb Ethernet: RTL8156BG

Host Interface Requirements

- Thunderbolt 5
- Thunderbolt 4
- Thunderbolt 3 (Mac Only)
- USB4

AC Input

- 100-240V, 50/60Hz 1.5A

DC Output

- 19V 90W (4.74A). Fully compatible with 20V 90W (4.5A) power supply units.

Wattage

- 90W

Security Slot

- Yes

Housing

- Color: Black
- Material: Aluminum

Certifications

- Thunderbolt, CE, FCC, ICES, RCM, VCCI, UKCA

RoHS Compliant

- Yes

Reach Certification

- Yes

System Requirements

Mac OS Compatibility

- Intel Mac: macOS 15.x Sequoia and above
- Apple silicon Mac: macOS 14.x Sonoma and above

PC OS Compatibility

- Windows 11
- Linux

Driver Required

- Mac: OWC Dock Ejector for Mac enables Apple Super Drive, Apple USB Keyboard, and charging device support.
- Windows or Linux systems require an Ethernet driver.

Other Requirements

- Thunderbolt 5 Mac systems require macOS 15.3.x or later
- Thunderbolt 5, Thunderbolt 4, and USB4 PC systems require Windows 11 or later
- Thunderbolt 4 and USB4 Apple silicon Macs require macOS version 14.x or later
- Thunderbolt 3 support is Mac only and requires macOS 15.x or later.
- Linux systems require the latest version of Ubuntu.

External Power Adapter

- Yes

Power Supply

- External UL-listed universal auto-switching power supply.

Dimensions + Weight

Dimensions

- 4.3 in (W) x 1.4 in (H) x 8.3 in (D)
- 10.8 cm (W) x 3.5 cm (H) x 21.2 cm (D)

Weight

- 2.0 lb (0.9 kg)

Retail Box Dimensions

- 10.4 in (W) x 4.5 in (H) x 6.5 in (D)
- 26.5 cm (W) x 11.5 cm (H) x 16.4 cm (D)

Retail Box Weight

- 4.0 lb (1.8 kg)

Master Carton Dimensions — 8 pieces

- 18.6 in (W) x 11.5 in (H) x 13.6 in (D)
- 47.3 cm (W) x 29.1 cm (H) x 34.6 cm (D)

Master Carton Weight — 8 pieces

- 33.7 lb (15.3 kg)

Operating Environment

Ambient Temperature

- Operating: 32°F to 86°F (0°C to 30°C)
- Non-Operating: -4°F to 140°F (-20°C to 60°C)

Altitude

- Operating: -304.8 m to 3,048.0 m (-1,000 ft to 10,000 ft)
- Non-Operating: -304.8 m to 12,192.0 m (-1,000 ft to 40,000 ft)

Humidity (Operating)

- Operating: 8% to 90% non-condensing
- Non-Operating: 5% to 95% non-condensing



1. Note: Thunderbolt 5 can support up to three displays from a single computer host port dependent on the host computer's capability. This includes up to three 6K or lower resolution displays, three 8K displays @ 60Hz, or two 8K displays @ 120Hz. Presently, Apple has enabled support for a maximum of two native displays per connected Apple Mac Thunderbolt host port. Software driver-based technologies, such as DisplayLink (as supported by the OWC USB-C Dual HDMI 4K Display Adapter), may enable additional display support.



The OWC Thunderbolt 5 Dual 10GbE Network Dock Sales and Marketing Brief

The OWC Connectivity Difference

Confidence: Performance and reliability have been OWC priorities as a leading developer of technology solutions since 1988.

Proven: Highly rated by independent tech pros and trusted across the planet by performance artists, influencers, creators, hybrid workers, and students.

Complete: Includes connecting cable for immediate use and OWC Dock Ejector to ensure all data is written before safely disconnecting all drives from the dock in a single click.

Support: Award-winning customer support is just a click or call away.

Who it's for:

- Video editors, colorists, and VFX artists who rely on NAS storage for high-speed media access and seamless collaboration.
- Broadcasters, music production teams, and system integrators managing real-time AV workflows over IP, including NDI, Dante, AVB, and SMPTE 2110 audio.
- IT professionals and technical directors setting up advanced network infrastructures, virtual machines (VMs), and high-bandwidth multi-network environments.

- Streaming content creators & esports teams seeking to aggregate many duties onto one machine and reduce the amount of separate hardware needed.
- Scientific and cyber researchers who work with networked instruments or clusters for data acquisition for instance.

In short, any power user or team that has outgrown "single-Gigabit" networking or single-network limitations will benefit greatly by the OWC Thunderbolt 5 Dual 10GbE Network Dock. This dock is especially useful when using a notebook computer or mini PC where installing multiple NICs isn't possible.

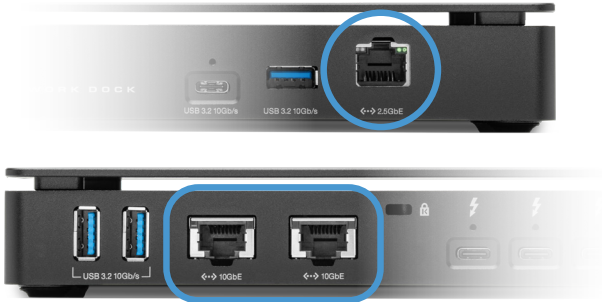
Multiple Ethernet Ports = Multiple Possibilities

Nearly any IP-based workflow can be taken on with the multiple and faster network connections of the Thunderbolt 5 Dual 10GbE Network Dock. Now network-based workflows can be integrated and run simultaneously with optimum performance and simplicity. Below are just a few of multiple possibilities (but not limited to) this dock can conquer:

Workflow / Use Case	Front 2.5GbE port (RTL8156B chipset)	Rear Dual 10GbE ports (AQC113 chipset)
Dante Audio	✓ DVS and DVS Pro (CDC-NCM)	✓ DVS and DVS Pro
ABV (Audio Video Bridging)	✗	✓ AVB 802.1Qav
NDI Video	✓	✓ High-Bandwidth NDI
NAS-Based Workflows	✓	✓ Capable of Link Aggregation 20GbE NAS access
Virtual Machines	✓ Dedicated NIC	✓ Dedicated NIC
3D Distributed Rendering via Ethernet	✓	✓



The OWC Thunderbolt 5 Dual 10GbE Network Dock Features Selling Guide



Three Separate Network Connections

IT, media, or live production pros know the struggle of managing multiple networks with numerous adapters and tangled cables. The Thunderbolt 5 Dual 10GbE Network Dock eliminates that hassle with three independent Network Interface Cards (NICs) in one sleek solution that provides easier network isolation. One 10GbE port can be connected to a NAS, the second 10GbE port to a dedicated AV network, and the front-facing 2.5GbE port to an office LAN or the internet. Each Ethernet connection runs through a uniquely addressable, fully independent dedicated NIC, so there's no shared bandwidth allocation or security risk between them. As a result, the Thunderbolt 5 Dual 10GbE Network Dock is the only Thunderbolt dock available that allows network segmentation possibilities to be tailored to unique needs.



Gigabit Ethernet Was So 2010

Most laptops and desktops have just the standard old 1GbE port—if that. The Thunderbolt 5 Dual 10GbE Network Dock cures limited connectivity pain by providing three simultaneous, fully independent Ethernet connections and higher bandwidth through a single Thunderbolt 5 cable. Now users can instantly set up at a workstation with all networks and devices ready to go, then unplug and move with ease. No more juggling adapters or waiting for that large file to transfer. This remarkable solution transforms how a laptop computer can be used in demanding environments.



One Device to Rule Them All

In addition to advanced network capabilities and maximum storage access speeds, an ample variety of Thunderbolt 5 and USB 10Gb/s ports offer convenient connection of displays, drives, and devices. Instead of the complexity and expense of multiple devices daisy chained together (Ethernet adapter, USB hub, etc.) the Thunderbolt 5 Dual 10GbE Network Dock provides a single cost-effective portable solution.



Double The NAS Speed

When extreme performance is required, the dual 10GbE ports can be bonded via Link Aggregation to double network speeds to 20Gb/s...unleashing never before levels of speed from high-performance NAS setups offering two 10GbE ports, including our incredible OWC Jellyfish. Achieving these speeds used to require specialized NAS setups and expensive fiber adapters. Now, it's built right in so pros can scrub through 8K+ RAW footage with zero lag or dump thousands of RAW photos to their NAS and edit straight from it with no waiting.



The OWC Thunderbolt 5 Dual 10GbE Network Dock Marketing Copy

25 words

The Thunderbolt 5 Dual 10GbE Network Dock is the first all-in-one solution that simplifies complex multi-network workflows and unlocks high-bandwidth network storage connectivity while offering everyday docking convenience.

50 words

The Thunderbolt 5 Dual 10GbE Network Dock is the first all-in-one solution that simplifies complex multi-network workflows and unlocks high-bandwidth network storage connectivity while offering docking convenience. Two 10GbE, one 2.5GbE, and a variety of Thunderbolt 5 and USB ports let you handle Dante audio production, NDI video streaming, NAS storage, or virtual machines through a single cable to a Thunderbolt equipped computer.

100 words

The Thunderbolt 5 Dual 10GbE Network Dock is the first all-in-one solution that simplifies complex multi-network workflows and unlocks high-bandwidth network storage connectivity while offering docking convenience. Two 10GbE ports and one 2.5GbE port let you handle live streaming/broadcasting, 3D/VFX rendering and storage, AV conferencing & corporate installations, and enterprise deployments through a single cable to a Thunderbolt equipped computer. Bond the 10GbE ports with link aggregation and access your NAS at up to 20Gb/s. Expand device connectivity possibilities with a variety of Thunderbolt 5 and USB ports. Enjoy desktop/server-class networking with your notebook and enable workflows that were previously cumbersome or impossible.