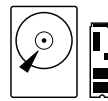




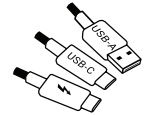
Up to 6302MB/s
As fast as Mac Studio
2025 internal SSD



Up to 8TB NVMe SSD
Ready-to-run or DIY easy
install of M.2 2280 SSD



Up to 32TB Additional Capacity
8TB NVMe SSD and 24TB HDD
offer 64x more data storage vs
512GB Mac Studio 2025



More Device Connectivity
Three Thunderbolt 5 (USB-C)
and three USB-A ports

OWC StudioStack

Thunderbolt™ 5 Stackable Storage and Connectivity Expansion Solution

Stack Your Customers' Studio with Up to 32TB of Thunderbolt 5 Powered Storage

Stacked. Jacked. Mac. With the OWC StudioStack, your customers can pump up their Mac Studio and Mac mini machines with the fastest and highest capacity stackable storage on the planet. We're talking a serious flex here...up to 64x MORE storage capacity¹, speed that rivals the latest Mac Studio models, and a six port Thunderbolt/USB-A hub for additional connectivity possibilities. All that jacked up brawn is wrapped up in a buff, aircraft grade aluminum design that nestles perfectly underneath your customers' machines. Forget about wannabes plodding along at yesterday's speed or brands that won't be here tomorrow. The OWC StudioStack is the world's only Thunderbolt 5 dual HDD/NVMe SSD storage and connectivity expansion solution from a proven innovation leader you can count on to bulk up your sales success.

Key Features

- **Internal Class Speed:** Up to 6302MB/s real-world performance
- **Beefy Capacity:** Up to 8TB NVMe SSD and up to 24TB HDD storage space
- **Expanded Connectivity:** Three Thunderbolt 5 (USB-C) 80Gb/s and three USB-A 10Gb/s ports for more device, display, and drive possibilities
- **Widely Compatible:** Use with Thunderbolt 5/4, USB4 Macs and PCs, and Thunderbolt 3 Macs
- **Highly Reliable:** Aircraft grade aluminum offers rugged protection of installed SSDs plus effective heat dissipation to keep everything cool for consistent top speed
- **Near Silent Operation:** Engineered with a smart, adaptive fan that activates only when needed, making it ideal for uninterrupted creative focus
- **Future Flexible:** Both DIY "build your own" and ready-to-run solutions are easily future upgradeable with a faster, higher capacity 2280 NVMe M.2 SSD and a higher capacity SATA 3.5" HDD or 2.5" SSD
- **Complete:** Includes Thunderbolt 5 80Gb/s cable
- **Worry-free:** 3 Year OWC Limited Warranty (solutions) or 1 Year OWC Limited Warranty (DIY enclosure)

1. StudioStack with 32TB total capacity (8TB NVMe SSD and 24TB HDD) vs 512GB Mac Studio 2025



OWC StudioStack

Configurations & Tech Specs

DIY / Value

0TB DIY

PN: OWCTB5SSH00S00 / UPC: 810179175832

6TB HDD + 1TB NVMe SSD

PN: OWCTB5SSH06S01 / UPC: 810179176228

- For price-conscious creatives who still want high-speed access for editing and large HDD capacity for storage.
- Ideal for Time Machine backups, Lightroom libraries, RAW photo archives, and small 4K projects.
- Rationale: "The ideal starting point for fast workflows with plenty of storage and connectivity."

Balanced / Mainstream

12TB HDD + 2TB NVMe SSD

PN: OWCTB5SSH12S02 / UPC: 810179176310

- Perfect midpoint. Enough flash for pro workflows, enough HDD for archives or backups.
- 16TB HDD + 4TB NVMe SSD**
PN: OWCTB5SSH16S04 / UPC: 810179176310
- Very compelling all-in-one solution for media pros. Matches well with Mac Studio capabilities.
- Likely to be most popular configurations.
- Suitable for editors, motion designers, podcasters, and solo video professionals.
- Offers a strong balance between fast flash storage for current projects and ample HDD space for raw footage, deliverables, and backups.
- Rationale: "Built for creators who want smooth performance and massive space."

20TB HDD

PN: OWCTB5SSH20S00 / UPC: 810179176334

- Ideal large capacity attractive price point blend.

Performance / Pro

24TB HDD

PN: OWCTB5SSH24S00 / UPC: 810179176372

- When maximum storage capacity is a must-have.

20TB HDD + 4TB NVMe SSD

PN: OWCTB5SSH20S04 / UPC: 810179176358

- High-capacity media library meets fast render and edit storage.

24TB HDD + 8TB NVMe SSD

PN: OWCTB5SSH24S08 / UPC: 810179176396

- The ultimate solution for colorists, VFX studios, or users who want a single, zero-compromise external solution.
- For demanding workflows such as 8K editing, large-scale 3D rendering, VFX, or extensive media libraries.
- Appeals to users who care about sustained read speeds, quiet operation, and future-proof performance.
- Rationale: "For intensive workflows where speed and storage can't be compromised."

Includes

- OWC StudioStack
- 0.3M Thunderbolt 5 Cable
- External Power Supply
- 1.0M US Power Cable (3-Prong IEC C5)
- Support Manual for StudioStack
- 3 Year OWC Limited Warranty (solutions) or 1 Year OWC Limited Warranty (enclosure only)

Specifications

Drive Bays

- 1 x PCIe 4.0 bay supporting an NVMe M.2 2280 "M Key" connector type SSD. Single and double-sided SSDs are supported.
- 1 x SATA 6Gb/s bay supporting a 3.5" HDD or a 2.5" SSD

Hot Plug Support

- Yes

Boot Support

- Both drive bays are bootable on macOS. SSDs with 512-byte sectors require macOS 10.13 or later. Boot Camp is not supported.

RAID Capable

- Yes

Device Ports

- (1) Thunderbolt™ 5 (USB-C) uplink port up to 80Gb/s bi-directional data speed, up to 120Gb/s for video intensive applications with Thunderbolt™ Bandwidth Boost, and up to 60W charging power
- (3) Thunderbolt 5 (USB-C) 80Gb/s bi-directional bandwidth
- (3) USB-A 10Gb/s

Data Transfer Rate (Maximum)

- Thunderbolt 5/4/3 and USB4: Up to 80Gb/s (or 10,000MB/s)

Chipset / Controller

- Thunderbolt: Barlow Ridge JHL9480
- USB: Fresco Logic FL5801 / Genesys GL3590

Host Interface Requirements

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

AC Input

- 100-240V, 50-60Hz, 2.5A

DC Output

- +20V, 9A

Wattage

- 180W

Cooling

- (1) temperature controlled variable speed fan

Security Slot

- Yes

Housing

- Color: Silver
- Material: Aluminum

Power / Activity LEDs

- Power: White
- Link: Blue
- HDD: Flashing Green with activity
- NVMe: Flashing Green with activity

Certifications

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

System Requirements

OS Compatibility / 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
- iPad systems require the latest version of iPadOS
- Chromebook systems require the latest version of ChromeOS
- Surface systems require the latest version of Windows

Power Supply

- External UL-listed universal auto-switching power supply

Driver Required

- No

External Power Adapter

- Yes

Dimensions + Weight

Dimensions

- 7.7 in (W) x 1.5 in (H) x 7.7 in (D)
- 19.7 cm (W) x 3.7 cm (H) x 19.7 cm (D)

Weight

- 1.8 lb (0.8 kg)

Retail Box Dimensions

- 13.7 in (W) x 3.3 in (H) x 9.5 in (D)
- 34.8 cm (W) x 8.4 cm (H) x 24.2 cm (D)

Retail Box Weight

- 4.0 lb (1.8 kg)

Master Carton Dimensions – 8 pieces

- 19.6 in (W) x 14.8 in (H) x 14.1 in (D)
- 49.7 cm (W) x 37.6 cm (H) x 35.8 cm (D)

Master Carton Weight – 8 pieces

- 33.1 lb (15.0 kg)

Operating Environment

Ambient Temperature

- Operating: 41°F to 95°F (5°C to 35°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

