OTHER WORLD COMPUTING



Super-Fast
Up to 3200MB/s real-world speed

4 x NVMe M.2 SSDs
Easy install of 2280, 2242, or 2230 SSDs

Universally Compatible
USB4/Thunderbolt/USB-C

Advanced RAID
RAID 0/1/4/5/1+0 (10)

OWC Express 4M2

The incredibly configurable, compatible, and compact DIY RAID

We heard your customers loud and clear (pun intended) when they said they loved everything about the Express 4M2 but wanted it quieter. After adding thermally activated variable speed fans that turn off when not needed, we decided to give it USB4 connectivity for the optimum blend of compatibility, performance, and affordability. Now you can offer your pro creative and prosumer customers a desktop/shuttle high-performance RAID they can build with their choice of NVMe M.2 SSDs and get up to 3200MB/s performance with their USB4, Thunderbolt, and USB-C Macs and PCs.

Key Features

- **Highly Capable:** Up to 3200MB/s real-world performance
- **Highly Compatible:** Use with USB4, Thunderbolt, and USB-C Macs and PCs
- **Highly Reliable:** Aircraft grade aluminum offers rugged protection of installed SSDs while the quiet fans keep everything cool for consistent top speed
- **Near Silent Operation:** Engineered with smart, adaptive fans that activate only when needed or under heavy load, making it ideal for uninterrupted creative focus
- **DIY Easy:** Holds 4 x NVMe M.2 2230, 2242, or 2280 SSDs
- **RAID Ready:** Certain models include OWC SoftRAID; the fastest and most flexible RAID 0/1/4/5/1+0 (10) tool. Also supports Apple Disk Utility RAID, Windows Disk Management RAID, and Windows Storage Spaces
- **Complete:** Includes USB-C 40Gb/s cable
- **Worry-free:** 2 Year OWC Limited Warranty



Part Number	Capacity	UPC	Available
OWCUS4EXP4M2S	0TB with SoftRAID	810179174330	Now
OWCUS4EXP4M2	0TB Enclosure only	810179170721	Now

OWC Express 4M2
Tech Specs

Includes
- OWC Express 4M2 Enclosure
- 1.0M USB-C 40Gb/s Cable
- External Power Supply
- US Power Cable (3-Prong IEC C13)
- Support Manual for Express 4M2
- 3 Years of SoftRAID Premium Access (Certain models. License located on device)
- Quick Start Guide for OWC SoftRAID (Certain models. Digital)
- 2 Year OWC Limited Warranty

Specifications
Drive Bays
- 4 PCIe 4.0 bays supporting NVMe M.2 2230, 2242, or 2280 form factor and "M Key" connector type. Single- and double-sided SSDs are supported.

Hot Plug Support
- Yes

Boot Support
- All four 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

RAID Levels Supported
- RAID 0/1/4/5/1+0(10)
- JBOD

RAID Features
- Software RAID

Device Ports
- (1) USB4 (USB-C) up to 40Gb/s

Data Transfer Rate (Maximum)
- USB4/Thunderbolt 5/4/3: Up to 40Gb/s (or 5000MB/s)

Chipset / Controller
- Asmedia ASM-2464PDX

Host Interface Requirements
- USB4, Thunderbolt 5/4/3, USB-C

AC Input
- 100-240V, 50-60Hz, 1.5A

DC Output
- +12V, 4A

Wattage
- 48W

Cooling
- (2) 40mm temperature controlled variable speed fans

Security Slot
- No

Housing Color
- Silver

Housing Material
- Aluminum

LED Indicators
- Yes

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

System Requirements
Mac OS Compatibility
- Thunderbolt 5, Thunderbolt 4, USB4, or Thunderbolt 3 Intel based systems running macOS 15.x and later
- Intel based systems running macOS 14.x or earlier (requires switch to be in USB 3.2 10Gb/s setting)

PC OS Compatibility
- Thunderbolt 5, Thunderbolt 4, or USB4 running Windows 11
- Thunderbolt 3, USB 3.2 10Gb/s, or Windows 10 systems require switch to be in USB 3.2 10Gb/s setting

Other Requirements
- SoftRAID works with macOS 10.14 or later and Windows 10 or later. SoftRAID is licensed per computer. The SoftRAID serial number will work with both Mac and Windows but can only be active on one computer at a time. Additional seats can be purchased. RAID 4/1+0 (10) are currently Mac only at this time.

Power Supply
- External UL-listed universal auto-switching power supply

Driver Required
- No

External Power Adapter
- Yes

Dimensions + Weight
Dimensions
- 2.4 in (W) x 5.5 in (H) x 7.0 in (D)
- 6.0 cm (W) x 13.9 cm (H) x 17.8 cm (D)

Weight
- 3.9 lb (1.8 kg)

Box Dimensions
- 4.2 in (W) x 9.5 in (H) x 9.6 in (D)
- 10.7 cm (W) x 24.0 cm (H) x 24.3 cm (D)

Box Weight
- 4.9 lb (2.2 kg)

Master Carton Dimensions — 4 pieces
- 14.8 in (W) x 11.8 in (H) x 9.0 in (D)
- 37.7 cm (W) x 30.0 cm (H) x 22.8 cm (D)

Master Carton Weight — 4 pieces
- 20.9 lb (9.5 kg)

Operating Environment
Ambient Temperature (Operating)
- Temperature (°F): 32° to 95°
- Temperature (°C): 0° to 35°

Ambient Temperature (Non-Operating)
- Temperature (°F): -4° to 140°
- Temperature (°C): -20° to 60°

Altitude (Operating)
- -304.8 m to 3,048.0 m
- -1,000 ft to 10,000 ft

Altitude (Non-Operating)
- -304.8 m to 12,192.0 m
- -1,000 ft to 40,000 ft

Humidity (Operating)
- 8% to 90% non-condesing

Humidity (Non-Operating)
- 5% to 95% non-condensing

The OWC Express 4M2
Sales and Marketing Brief

The OWC External Storage Solution Difference

Confidence: Performance and reliability have been OWC priorities as a leading developer of data storage solutions since 1988. That's why every OWC storage solution goes through a multi-step performance certification prior to shipping.

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

Complete: OWC storage solutions are ready for immediate use and include applicable extras such as connecting cables, SoftRAID, download links for custom OWC apps, and more.

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

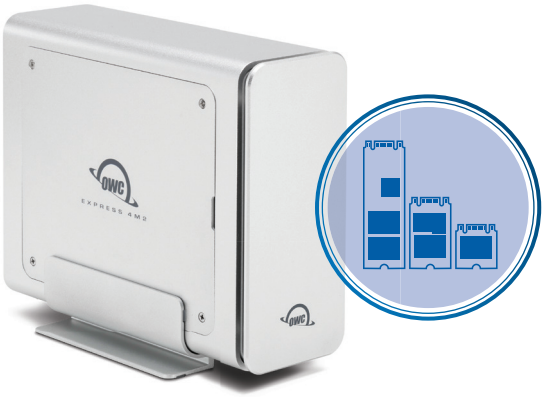
Who it's for:

- DITs and filmmakers wanting to build an affordable yet high-performance NVMe SSD RAID with up to 32TB of capacity, RAID 5 capabilities, and the ability to deliver maximum offload speeds and thermal stability when backing up media cards from multiple cameras on set.
- Professional video editors, VFX artists, Colorists, and high-volume photographers seeking an easy DIY assemble high-performance NVMe SSD RAID to handle demanding post-production and editing workflows including 8K RAW video, VFX compositing work, multicam sequences in 4K RAW or ProRes video, and batch editing ultra-high-resolution pictures.
- Anyone looking for a lower cost RAID option to the award-winning four NVMe M.2 based OWC ThunderBlade and are willing to accept the Express 4M2's larger form factor, fan cooling, no additional connectivity ports, and no ballistic shipping case for shuttle use.

Maximum Speed and Compatibility

Express 4M2 Connected To...	Run As	Real-World Speed
Mac computers with Apple silicon M1/M2/M3/M4	USB4 (40Gb/s)	3200MB/s
USB4 (40Gb/s) port on any PC	USB4 (40Gb/s)	3200MB/s
Thunderbolt 5 port on any Mac or PC	USB4 (40Gb/s)	3200MB/s
Thunderbolt 4 port on any Mac or PC	USB4 (40Gb/s)	3200MB/s
Thunderbolt 3 port on Intel Mac	Thunderbolt (40Gb/s)	3000MB/s
Thunderbolt 3 port on PC	USB (10Gb/s)	990MB/s
USB 3.2 port on PC	USB (10Gb/s)	990MB/s

The OWC Express 4M2 Features Selling Guide





Ready for Today's and Tomorrow's Drives

Designed to support any NVMe M.2 2280, 2242, or 2230 SSD, the Express 4M2 offers the freedom of flexibility to use any drive today - including OWC Aura SSDs up to 8.0TB capacity - as well as being ready for tomorrow's 16TB and future capacities without limit.

One Cool RAID for Diverse Workflows

High speed backups, multiple media card offloads, and intense RAW photo and 8K video editing sessions mean one thing… Heat. The Express 4M2 eliminates thermal throttling concerns because it utilizes a heat dissipating solid aluminum body along with two super quiet fans to maintain top speed. Diversity of use also means being able to easily work cross-platform with Macs and PCs. The Express 4M2 can be easily used in mixed environments with OWC MacDrive software (sold separately).

SoftRAID
an OWC brand

Advanced RAID Ready

Certain Express 4M2 models include 3 Years of SoftRAID Premium, the world's fastest and most flexible application to configure, maintain, and protect RAID 0/1/4/5/1+0 (10) volumes on a Mac or PC. Highlights include:

- Predictive Health Monitoring proactively notifies of volume and disk issues well before failure — provided on computer and remotely.
- Seamless Cross-Platform Sharing with support for Apple-formatted APFS and HFS+ SoftRAID volumes between Mac and Windows at no additional cost.
- 35+ years of experience of pro support to provide peace-of-mind with setup help, ongoing questions, or urgent disk issues.

The OWC Express 4M2 Marketing Copy

25 words
The OWC Express 4M2 is OWC's fastest multiple NVMe SSD RAID enclosure purposefully built to maximize the performance capabilities of USB4, Thunderbolt, and USB-C Macs and PCs.

50 words
The OWC Express 4M2 is OWC's fastest multiple NVMe SSD RAID enclosure purposefully built to maximize the performance capabilities of USB4, Thunderbolt, and USB-C Macs and PCs. It allows creative professionals and enthusiasts to build the RAID of their dreams and get the most performance and reliability from their choice of four NVMe M.2 SSDs.

100 words
The OWC Express 4M2 is OWC's fastest multiple NVMe SSD RAID enclosure purposefully built to maximize the performance capabilities of USB4, Thunderbolt, and USB-C Macs and PCs. Creative professionals and prosumers can build a desktop/shuttle RAID with their choice of four NVMe M.2 SSDs to meet their specific needs and experience up to 3200MB/s speed. A heat dissipating solid aluminum body along with two super quiet fans ensure throttle-free consistent maximum performance even during high-speed backups, multiple media card offloads, and intense RAW photo and 8K video editing sessions. Express 4M2 can be used cross-platform with Macs and PCs using OWC's MacDrive software (sold separately).