



Jaw-Dropping Storage
Up to 8 SSDs



Maximum Capabilities
RAID ready



Real World Speeds
Up to 26,296 MB/s

OWC ACCELSIOR 8M2

ASTONISHINGLY, MIND-BLOWINGLY FAST

The Accelsior 8M2 can be summed up in one definitive sentence:

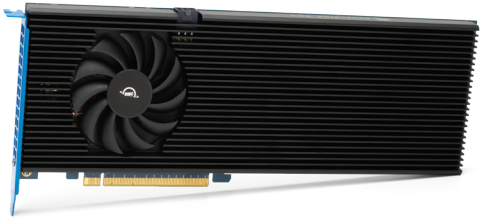
It's the fastest, highest capacity PCIe SSD in the galaxy.

This beast destroys performance barriers and every PCIe SSD on the market today. The Accelsior 8M2 takes you beyond your wildest dreams and into the most demanding applications imaginable. The Accelsior 8M2 is the fastest, highest capacity PCIe SSD available for 2019 Mac Pro, Windows or Linux computers, and PCIe expansion systems. Use it to crush tasks like large format postproduction editing, real-time VR/AR/MR, geospatial and ISR imaging, and huge dataset applications.

As storage performance innovators, we know that bottlenecks cramp your style. The Accelsior 8M2 was built to be the fastest drive you can use in any workflow. Eight on-board NVMe SSDs offer scorching speeds of up to 26,926MB/s and industry leading storage capacity. And to ensure Accelsior 8M2 keeps running at peak speed for the long haul, there's a quiet cooling fan in the aircraft grade aluminum heat shield. Now you have the overhead to go faster, process more, and save almost limitlessly. No compromises... just the ultra-reliable performance that Mac and PC users have come to depend on from OWC.

Key Features

- Revolutionary: The fastest drive available for 2019 Mac Pro, Windows or Linux computers
- Mind-blowing Performance: Up to 26,926MB/s real world speed¹
- Massive Space: Up to eight SSDs for jaw-dropping storage capacity
- Bleeding Edge Design: Utilizes the full bandwidth of the latest PCIe technology
- Easy RAID: Create, monitor, and manage RAID arrays with SoftRAID
- Advanced RAID Capabilities: Supports multiple RAID levels and RAID sets for maximum flexibility
- Quietly Cool: Highly efficient and quiet heat-dissipating design for consistent peak performance
- Pre-tested and Certified: Full burn-in for assured performance and reliability
- Plug and Play: No drivers needed
- Worry-free: Up to 5 Year OWC Limited Warranty²



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TECH SPECS

INCLUDES

- Accelsior 8M2
- SoftRAID
- Assembly Manual and User Guide

SPECIFICATIONS

Capacity

- 0GB card only
- 2.0TB, 4.0TB, 8.0TB, 16TB, 32TB, 64TB

Interfaces

- Bus
 - PCIe 4.0 x16
- Device
 - (8) NVMe M.2 M-Key 2280

Form Factor

- Full height, half length

Controllers

- PCIe switch
 - PEX88048
- Flash storage controller (prefigured solutions)
 - (8) Phison E12

Bootability

- Mac: Booting via any single drive on Accelsior 8M2 is supported
- PC: Yes

RAID Support

- JBOD independent
- Span
- SoftRAID:
 - Mac: RAID 0, 1, 4, 5, and 10
 - Windows: RAID 0, 1, and 10

SYSTEM REQUIREMENTS

Software

- Operating System
 - macOS 10.13.6 or later
 - Windows 10 or later
 - Linux kernel versions 4.x or later

Hardware

- Any Mac or PC with a compatible PCIe slot
 - PCIe 3.0 or greater recommended
 - Physical: x16 or greater required

WARRANTY

- Card Only
 - 3 Year OWC Limited Warranty
- Drives Included
 - 5 Year OWC Limited Warranty

DIMENSIONS + WEIGHT

Dimensions

- 0.9 in (W) x 5.0 in (H) x 12.8 in (D)
- 2.2 cm (W) x 12.7 cm (H) x 32.5 cm (D)

Weight (Card and Heat Sink Only)

- 1.7 lb (750.0 g)

Box Dimensions

- 14.6 in (W) x 2.6 in (H) x 6.5 in (D)
- 37.0 cm (W) x 6.5 cm (H) x 16.5 cm (D)

Box Weight

- 2.4 lb (1.1 kg)

Master Carton Dimensions – 10 pieces

- 14.0 in (W) x 15.6 in (H) x 14.0 in (D)
- 35.5 cm (W) x 39.6 cm (H) x 35.5 cm (D)

Master Carton Weight – 10 pieces

- Gross weight: 26.5 lb (12.0 kg)
- Net weight: 24.5 lb (11.1 kg)

PART NUMBER	CAPACITY	UPC	AVAILABLE
OWCSSDACL8M200T	0	810586038287	now
OWCSSDACL8M202T	2.0TB	810586038294	now
OWCSSDACL8M204T	4.0TB	810586038300	now
OWCSSDACL8M208T	8.0TB	810586038348	now
OWCSSDACL8M216T	16TB	810586038317	now
OWCSSDACL8M232T	32TB	810586038324	now
OWCSSDACL8M264M	64TB	810586038331	now



OWC.com

1. Up to 26,926MB/s sequential read/write (max) performance based on testing a 16TB (8 x 2.0TB) OWC Aura Pro series SSD equipped Accelsior 8M2 installed in a Windows 10 PC equipped with a Gigabyte Technology x570 motherboard with an AMD Ryzen 9 3900 3.8GHz processor and 16GB RAM, running Crystal Disk Mark 7.0.0 (sequential 1Mbyte block size, 16 queues, 6 threads). Performance will vary depending on SSDs used, CPU speed, RAID setting, and PCIe version.
 2. 5-year Limited Warranty on 2.0TB and higher capacity solutions; 3-year Limited Warranty on 0TB "add your own drive" Accelsior 8M2 cards.