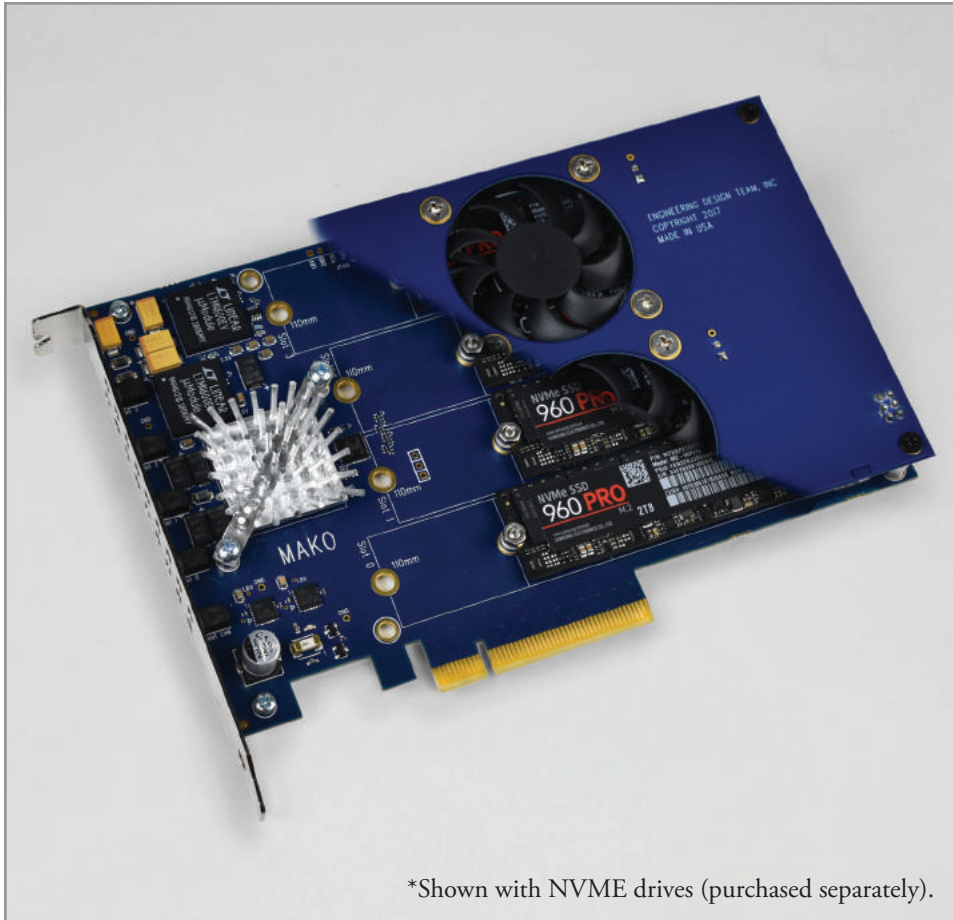


Mako

Carrier board for up to 8 TB of high-speed M.2 NVME SSD storage



*Shown with NVME drives (purchased separately).

Description

The Mako is a PCI Express SSD carrier board that can be configured as an NVMe RAID, for up to 8TB of storage capacity with read / write speeds of up to 6GB/sec. The PCIe Gen3 x8 switch-based board can accommodate up to four high-speed M.2 NVME SSDs.

Length options for SSDs are 42, 60, 80 or 110mm (respectively, Type 2242, 2260, 2280, or 22110). The Mako occupies a half-length, full-height PCIe x8 or larger slot in the host computer.

The Mako is straightforward to install and use as a high-speed, high-capacity disk drive in Windows, Linux or MacOS. Configuration methods are provided to set up the SSDs as a software RAID.

Adding a populated Mako board to a Windows, Linux or MacOS computer can provide immediate and significant performance improvements for many applications. Software development, simulation, graphic design, animation, video editing, financial analysis, and gaming are just a few of the applications that can benefit.

Features

- PCIe Gen3 x8 interface
- Configurable as high-speed SSD RAID
- Switch-based adapter
- Up to four "M" key M.2 NVME SSDs for up to 8TB data storage
- Up to 6 GB/s throughput

Applications

- Video editing
- High-speed recording and playback with any data source
- Build servers
- Database servers
- Simulation
- RAID storage
- Any other disk I/O intensive application

Specifications

Memory / Storage	Supports up to four "M" key M.2 NVME SSDs	Type 2242, 2260, 2280, or 22110 (42, 60, 80, or 110 mm respectively)
Data Rates	Typical throughput in a PCIe Gen3 x8 slot	6 GB/s (with four high-performance M.2 SSDs)
PCI Express Compliance	PCIe version	3.0
	DMA	Yes
	Lanes	8
	Switch	Gen3
Connectors	Four M.2 (Molex)	
Power Consumption	Idle, no SSDs	8 W
		Refer also to the SSD specifications for SSD power consumption
Physical	Weight (without SSDs)	5.4oz
	Dimensions	6.60" L x 4.37" H x 0.63" D
Environmental	Temperature (operating / non-operating)	10° to 40° C / -20° to 60° C
	Humidity (operating / non-operating)	1% to 90%, non-condensing at 40° C / 95%, non-condensing at 45° C
System and Software	Works under Linux, Windows or MacOS.	

Ordering Options

- SSDs: Not included (purchased separately)

Bold is default. **Ask** about custom options.



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