Sonnet M.2 8x4 Silent Gen4 PCIe Card

ProdCode: SONFUSSSD8X4E4S

Eight M.2 NVMe SSD Slots on a PCIe 4.0 x16 Card

[Download Images] (.zip file)

Features

- Eight M.2 NVMe SSD Slots on a PCIe 4.0 x16 Card
- **Add up to 64TB Ultra-fast Storage**
  Mounts up to eight 8TB M.2 NVMe Gen4 or Gen3 SSDs (sold separately) in an x16 PCIe slot. Higher-capacity SSDs will be supported when available
- **High-performance PCIe Interface**
  PCI Express 4.0 x16 host bus interface plus x48 PCIe 4.0 switch; x16 slot bandwidth is available to all x4-connected SSDs
- **Superior Performance**
  Achieve sustained four SSD RAID 0 speeds up to 30,000 MB/s
- **RAID Support**
  Supports macOS, Windows, and Linux RAID 0, 1, and 10 support
- **macOS Boot Support**
  Supports booting from single (non-RAIDed) attached SSDs
- **No Thermal Throttling**
  Custom silent cooling solution enables installed SSDs to maintain consistent high performance during very large file transfer operations without the use of fans
- **Thunderbolt Compatible**
  Use in Sonnet Thunderbolt expansion systems to connect up to eight SSDs through one cable with performance up to 2800 MB/s

- **NVMe Compliant**
  No drivers required
- **S.M.A.R.T. Operation**
  Supports S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) data reporting

Note: SSDs sold separately

- Compatible with Mac® * | Windows® | Linux®

Please Note!

* Only in a 2023 Mac Pro (M2 Ultra), the initial release of macOS 14 (Sonoma) does not properly access the data in the M.2 8x4 PCIe Card. Users with macOS 13 installed should not update to macOS 14 at this time. We expect Apple to fix this anomaly in an update. (The data will not be lost, just inaccessible.) The card will continue to work fine under macOS 14 in an Intel Mac Pro, or with any Mac using a Thunderbolt expansion system.

Ultra-fast Gen4 SSD Data Transfers

Speed or capacity? Not too long ago, you had to make a choice between the two. The problem is, for many professional workflows, both are critical. Everyone knows M.2 NVMe PCIe SSDs offer great performance, but limited capacity. Hard drives offer great capacity, but very slow speeds by comparison. What if you could create increased SSD capacity? We make it possible — the Sonnet M.2 8x4 Silent Gen4 PCIe® Card enables you to mount up to eight NVMe SSDs into a single x16 PCIe card slot and combine their capabilities for ultra-performance. This card can transform your workflow.

Gen 4 PCIe Slot RAID 0 Performance

Install the M.2 8x4 Silent Gen4 PCIe card with your SSDs into your computer's x16 PCIe 4.0 slot to achieve superior storage performance with four SSDs configured as RAID 0.

Gen 3 PCIe Slot RAID 0 Performance

Install the M.2 8x4 Silent Gen4 PCIe card with your SSDs into your computer's x16 PCIe 3.0 slot to achieve outstanding storage performance with four SSDs configured as RAID 0.

Sonnet Max-Performance Design

Sonnet Advantages

Sonnet M.2 8x4 Silent Gen4 PCIe Card is a full-height, full-length PCIe 4.0 card with a 48-lane PCIe 4.0 switch and x16 interface, designed to support maximum performance. Sonnet M.2 8x4 card features:

- 8-lane PCIe 4.0 Switch – x16 slot bandwidth is available to all x4-connected SSDs, facilitating maximum speed with any combination of M.2 SSDs used.
- Self-contained – This Sonnet card doesn't require a specific motherboard to operate or specific SSDs to support RAID features – no PCIe bifurcation required.
- Universal Compatibility – Compatible with Mac, Windows, and Linux computers with an x16 PCIe slot.
- Broad M.2 NVMe SSD Support – Works with a wide variety of M.2 NVMe Gen4 and Gen3 SSDs.

Adobe After Effects User?

Pro SSD Storage Performance – Are you an Adobe® After Effects user? Imagine being able to perform 4Kp60 work in 32-bit linear, or even 4Kp24 with high channel count EXRs (or effects in 8K) where your computer’s onboard storage couldn’t keep up! Sonnet M.2 8x4 Silent Gen4 PCIe Card makes it possible.

In the box:

- Sonnet M.2 8x4 Silent Gen4 PCIe Card
- Thermal transfer pads
- 6-pin to 6-pin auxiliary power cable for Mac Pro
- Documentation