Supermicro 2x Hybrid Gen4 NVMe/SATA M.2 RAID 0/1 Carrier AOC-SLG4-2H8M2-O

Part number: AOC-SLG4-2H8M2-O

Supermicro Low Profile 2x PCIe Gen 4 Hybrid NVMe/SATA M.2 RAID Carrier

The Supermicro MegaRAID Low Profile AOC-SLG4-2H8M2 is a PCIe Gen 4.0 x8 M.2 SSD carrier card that enables the user to add up to two NVMe or SATA M.2 SSDs. M.2 solid state technology is an optimized, high-performance, scalable storage solution, effectively streamlined for enterprise and client systems that leverage the cutting-edge power of PCI Express 4.0 technology. AOC-SLG4-2H8M2 supports adjustable stand-offs in 22110, 2280, & 2242 M.2 SSD form factors with RAID 0 and RAID 1.

This product is only available through Supermicro.
Compatible with Supermicro motherboards only.

Product Note:
Supermicro AOC-SLG4-2H8M2, as a Gen 4 NVMe M.2 adapter, is carrying its new accessory - a uniquely designed heatsink - when being compared to the previous gen product - AOC-SLG3-2H8M2 - for Gen 3 NVMe M.2 and without heatsink. While adopting 22x110mm M.2s, it is suggested to ONLY select the M.2s qualified by referencing each system's AVL with AOC-SLG4-2H8M2.
AOC-SLG4-2H8M2 carries SAS 3808 chipset, a 12Gb/s SAS/SATA controller. Thus NVMe M.2s populated on the carrier are exposed with SAS addresses and recognized as SATA devices or SAS drives by OS or BIOS.

Key Features:

- Broadcom 3808 SAS controller, dual M-Key sockets, 16 Gb/s per port, with RAID 0 and 1.
  - • Broadcom SAS3808 I/O RAID Controller
  - • x8 PCIe Gen4 Host interface
  - • Dual M-Key sockets (for 2x M.2 SSD)
  - • Adjustable stand-offs supporting 22110, 2280, & 2242 M.2 SSD form factors
  - • Support NVMe Gen 4 (16 Gbps) M.2 modules and SATA Gen 3 (6 Gbps) M.2 modules
  - • Supports RAID 0 and RAID 1
  - • Support MCTP over PCIe/ I2C
  - • Support BMC-enabled management
  - • Support secure erase
  - • Support hardware secure boot
  - • Support on-board LEDs for SSD Activity and Status
  - • UEFI Configuration utility
  - • OS Support: Windows, Linux, and VMWare
  - • Power Consumption: 26 W (AOC only, maximum; M.2 power consumption excluded)

- Thermal operating range: System dependent (55°C or higher w/ enough airflow)

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https://www.superstorage.pl/supermicro-2x-hybrid-gen4-nvme-sata-m2-raid-carrier-aoc-slg4-2h8m2-p-6963.html