

Add-on Card AOC-S3816L-L16iT / AOC-S3808L-L8iT

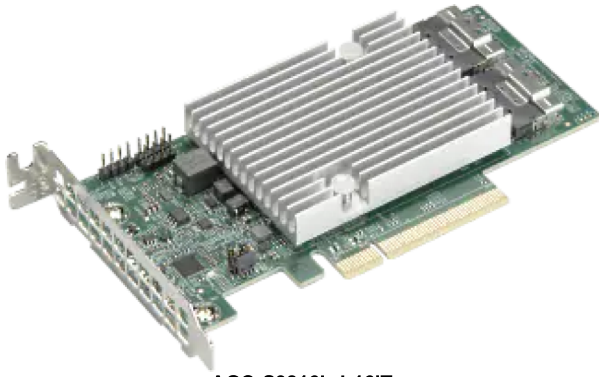
Add-on Card

Supermicro 12Gb/s Multi-Port SAS PCIe Gen 4.0 Internal Host Bus Adapter

The Supermicro HBA **AOC-S3816L-L16iT** features 16 internal SAS connectors, while the **AOC-S3808L-L8iT** features 8 internal SAS connectors. Both are designed for high-performance storage connectivity.

They use Broadcom's 3816 & 3808 I/O processors for optimum performance with PCI Express Gen 4.0 host interface for increased bandwidth.

Each Add-On-Card supports up to 122 devices as HBA in IT mode via expander backplane.



AOC-S3816L-L16iT



AOC-S3808L-L8iT

This product is only available through Supermicro.

Compatible with Supermicro motherboards only.

Compliance

RoHS

- RoHS Compliant 6/6, Pb Free

Key Features

- Broadcom 3816/3808 SAS controller, 16/8 internal ports, 12Gb/s per port
- 2x (for 3816) and 1x (for 3808) SlimSAS x8 black (100-Ohm) connector interface
- Supports up to 122 physical devices with expander
- Processor at 1.2 GHz
- Supports 3.0, 6.0 and 12.0 Gb/s SAS data transfer rates and 3.0 & 6.0 Gb SATA
- Supports MCTP over PCIe
- UEFI Configuration utility
- Supports HW Secure Boot
- OS Support: Windows/Linux
- Thermal operating range: System dependent (55°C or higher w/ enough airflow)

Dimensions and Weight

H x L	2.71" x 5.4"
Weight	0.25 lbs

Validated Platforms

Servers/Serverboards	SYS-110P-WTR
	SYS-120U-TNR
	SYS-220U-MTNR
	SYS-510P-M
	SYS-510P-WTR
	SYS-520P-WTR
	SYS-610U-TNR

[H12SSFF-AN6](#)
[H12SSW-AN6](#)
[M12SWA-TF](#)
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