

Add-on Card AOC-USAS-H8iR

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Specifications

Add-on Card



Supermicro 3Gb/s Eight-Port SAS Internal RAID Adapter

The Supermicro UIO MegaRAID AOC-SAS-H8iR features 8 internal SAS connectors for high-performance storage connectivity. This RAID card is built on the LSI Logic SAS IC technology and proven MegaRAID technology. It addresses the growing demand for increased data throughput and scalability requirement across the enterprise-class server platforms. With high performance RAID architecture, including hardware RAID 5 and 6, this new RAID controller card supports high capacity storage applications. It delivers **cost effective** storage solutions using SATA drives and **maximum performance and reliability** with SAS drives.

With the option of battery backup unit, this provides **cached data protection** and allows system builders to protect cached data even during the most catastrophic system failures.

Using a LSI SAS 1078 I/O processor for optimum RAID performance and a PCI Express host interface for increased bandwidth, this UIO internal RAID adapter delivers an intelligent and robust RAID solution. The AOC-SAS-H8iR supports RAID 0, 1, 5, 6, 10, 50 and 60.

To order, contact your distributor. This product is only available through Supermicro.

Compliance

RoHS

- RoHS Compliant 6/6

Dimensions

- 4.376" x 6.6" (H x L)

Key Features

- LSISAS 1078 8-port PCI-E SAS controller
- 8-port (8 internal) 3Gb/s per port
- Supports up to 16 HDD
- Supports RAID 0, 1, 5, 6, 10, 50, 60
- On board hardware IO Processor
- 256MB 667MHz DDR2 on-card cache
- Advanced array configuration and management utilities
- Automatically negotiates PCI-E link widths
- Power management support
- Supports 1.5 and 3.0 Gb/s SAS and SATA data transfer rates
- Port independent auto-negotiation
- Supports SSP, SMP, STP and SATA protocols
- Optional Battery Backup Unit for cached data protection (BTR-0012L-0000-LSI) - operating temperature (Ambient) from 10C° - 45C°
- OS Support : Windows 2000/XP/2003, RedHat Enterprise and SUSE Linux

Compatible UIO Motherboards and Servers

Motherboards

- [H8DGL-N4F+](#)
- [H8DGL-F](#)
- [H8DMU+](#)
- [H8SMU](#)
- [PDSMU](#)
- [X7DAL-E](#)
- [X7DAL-E+](#)
- [X7DBU](#)
- [X7DCU](#)
- [X7DWU](#)

Servers

- [6015B-UR](#)
- [6015B-NTR](#)
- [6015B-NT](#)
- [6015B-U](#)
- [5015M-NT](#)
- [5015M-UR](#)
- [5015M-N](#)

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MegaRAID Storage Manager (Linux)

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User's Guide

AOC-USAS-H8iR User's Guide (PDF Format)
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Tested Hard Drives

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