

BROADCOM MegaRAID SAS 9460-8i

Storage controller - 8 Channel - SATA 6Gb/s / SAS 12Gb/s / PCIe low profile - 1200 MBps - RAID 0 - 1 - 5 - 6 - 10 - 50 - JBOD - 60 - PCIe 3.1 x8



Group	Controllers
Manufacturer	BROADCOM
Manufacturer item no.	05-50011-02
EAN/UPC	0830343003617

Description

Today's data center, cloud and high-performance computing environments not only require large amounts of storage capacity, they also must provide the data protection and performance that their applications and end users demand. The MegaRAID 9460-8i Tri-Mode storage adapter is a 12 Gb/s SAS/SATA/PCIe (NVMe) controller card that addresses these needs by delivering proven flexibility, performance and RAID data protection for a range of server storage applications. Broadcom's Tri-Mode SerDes technology enables the operation of NVMe, SAS or SATA devices in a single drive bay, allowing for endless design flexibility.

Main features

Product Description	Broadcom MegaRAID SAS 9460-8i - storage controller - SATA 6Gb/s / SAS 12Gb/s / PCIe - PCIe 3.1 x8
Device Type	Storage controller - plug-in card - low profile
Bus Type	PCIe 3.1 x8
Interface	SATA 6Gb/s / SAS 12Gb/s / PCIe
Data Transfer Rate	1200 MBps
Buffer Size	2 GB
Supported Devices	Hard drive, disk array (RAID)
Channel Qty	8
Max Storage Devices Qty	255
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, JBOD, RAID 60
Dimensions (WxDxH)	15.565 cm x 6.89 cm

Extended details

General

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Host Bus	PCIe 3.1 x8

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Expansion / Connectivity	
Interfaces	2 x SAS 12Gb/s - 4 x Mini SAS HD (SFF-8643) (internal)
Miscellaneous	
Features	Load Balancing, DDF compliant Configuration on Disk (COD), Online Capacity Expansion (OCE), Online RAID Level Migration (RLM), SCSI Enclosure Services (SES), S.M.A.R.T. support
MTBF	3,000,000 hours
Compliant Standards	EN55022, EN55024, ICES-003 Class B, RoHS, WEEE, VCCI V-3, AS/NZS CISPR 22, CNS 13438, FCC CFR47 Part 15 B Class B
Software / System Requirements	
Software Included	LSI StorCLI
Manufacturer Warranty	
Service & Support	Limited warranty - 3 years
Dimensions & Weight	
Depth	15.565 cm
Height	6.89 cm
Environmental Parameters	
Min Operating Temperature	10 °C
Max Operating Temperature	55 °C
Humidity Range Operating	20 - 80% (non-condensing)

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