

Produktinformation



Information

<i>Tillverkare</i>	Brocade
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Broadcom MegaRAID 9560-16i - Storage controller (RAID) - 16 Channel - SATA 6Gb/s / SAS 12Gb/s / PCIe 4.0 (NVMe) - RAID 0, 1, 5, 6, 10, 50, JBOD, 60 - PCIe 4.0 x8

The MegaRAID 9500 series is the industry's first PCIe Gen 4.0 RAID adapter family, offering PCIe Gen 4.0 host and storage interfaces. The MegaRAID 9560-16i adapter, based on the SAS3916 high-port count PCIe 4.0 x8 RAID-on-Chip (RoC), delivers twice the performance of previous generations. The 9560-16i is compatible with existing PCIe SFF-8639 Module (U.2) backplanes, allowing users to boost performance for today's ever increasing bandwidth environments. Coupled with two industry initiatives expanding the deployment of Tri-Mode SerDes technology, which enables the operation of NVMe, SAS or SATA devices in a single drive bay, the 9560-16i is instrumental in getting the most performance and flexibility out of U.3 backplanes: With Tri-Mode SerDes technology, the adapter negotiates between speeds and protocols to seamlessly work with any of the three types of storage devices. Tri-Mode support provides a non-disruptive way to evolve existing data center infrastructure.

Specifikation

General

Device Type	Storage controller (RAID) - plug-in card
Host Bus	PCIe 4.0 x8

Storage Controller

Interface	SATA 6Gb/s / SAS 12Gb/s / PCIe 4.0 (NVMe)
Buffer Size	8 GB
Supported Devices	Disk array (RAID)
Channel Qty	16
Max Storage Devices Qty	240
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, JBOD, RAID 60

Expansion / Connectivity

Interfaces	2 x SATA 6Gb/s / SAS 12Gb/s / PCIe 4.0 (NVMe) - Slim SAS (SFF-8654) (internal)
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Miscellaneous

Features	Tri-Mode SerDes technology
MTBF	3,000,000 hours
Compliant Standards	FCC Class B certified, EN 60950, EN55022, IEC 60950, EN55024, UL 60950, ICES-003 Class B, RoHS, WEEE, FCC CFR47 Part 15 B, VCCI V-3, AS/NZS CISPR 22, CNS 13438
Power	
Power Consumption Operational	13.21 Watt
Software / System Requirements	
OS Required	FreeBSD, Red Hat Linux, SuSe Linux, Microsoft Windows, Debian Linux, Oracle Enterprise Linux, CentOS, Ubuntu, VMware ESXi, Citrix XenServer, Linux Fedora, VMware vSphere (ESXi)
Manufacturer Warranty	
Service & Support	Limited warranty - 3 years Technical support - 3 years
Dimensions & Weight	
Depth	15.565 cm
Height	6.89 cm
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	55 °C
Humidity Range Operating	5 - 90% (non-condensing)