

S424-J6



6Gb SAS2 JBOD for SSD/SAS/SATA Disks
48TB in a Single 4U Box ! Multi-purposes Disk Enclosure
> 2100MB+/sec !!!

Overview

The S424-J6 is the most versatile SAS/SATA II disk enclosure system, ideal for mid-range and high capacity storage application environments. Based on 6Gb SAS2 host interface, the S424-J6 supports a broad choice of 6Gb SAS2, 3Gb SAS, 6Gb SATA, 3Gb SATA II, and the fast-becoming popular SSD disks.

Features & Benefits

<u>Best Capacity / Performance / Cost Ratio</u> 24 Disk Bay in 4U rack space provides 48TB raw capacity, and will support whatever the future new high capacity disk might be. 6Gb Host interface supports 6Gb SAS2 or 3Gb SAS RAID Adapters and HBAs. 6Gb disk interface and backplane supports 6Gb SAS2, 3Gb SAS, 6Gb SATA, 3Gb SATA II, and SSD disks. A user can have the full freedom to choose whatever combination of configurations, totally depending on his/her own application requirement and budget requirement.	
<u>PHY Zoning</u> Zoning is natively support by the 6Gb SAS2 spec. With Zoning enabled, Two(2) RAID Adapters can share the same JBOD enclosure on different disks without Interfering with each other.	<u>Staggering Spin Up</u> Built-in staggering spin-up for hard disks at power up. The feature extends the life/duty cycle of the hard disks and power supply.
<u>SGPIO Support</u> Utilizes industrial standard SGPIO for HDD LED signaling.	<u>3.5" & 2.5" HDD Support</u> Standard equipped with 3.5" HDD Trays for 3.5" disks. Optional 2.5"-to-3.5" mounting piece for using 2.5"
<u>Scalability</u> Built-in 6Gb SAS2 Expander supports chaining multiple enclosures together for beyond 100 TeraByte capacity expansion.	

S424-J6 Technical Specifications

Model	S424-J6
Form Factor	4U/19" rackmount chassis
Number of Disks	* Standard 24 x 3.5" SAS2/SAS or SATA II on Hot-Swap Trays * Optional 24 x 2.5" SAS2/SAS or SSD or SATA II on Hot-Swap Trays with extra metal mounting kit
Host Bus Interface	1 x In-Port + 1 x Out-Port or 2 x In-Ports. (2 x 4 Lane SAS, 8088 mini-SAS Connectors)
Backplane & IO Module	6Gb SAS2 backplane for SAS2/SAS/SSD/SATA II disks 6Gb SAS2 Expander on a Single IO Module
Disk Status Indicator	LEDs for: Power On, Access, Failed HDD LED indication by SGPIO
PHY Zoning	Yes, supported
Power Supply	1300 Watts 1 + 1 Redundant & HotSwap Power Supply AC 90V ~ 264V Full Range; 8A ~ 4A, 50Hz ~ 60Hz
Physical Dimension	6.94" H x 18.99" W x 22" D
Weight (without disks)	62 LB without disks
SAS HBA & RAID Adapter Compatibility	<ul style="list-style-type: none"> • Areca ARC-1880X 6Gb SAS2 RAID Adapter • LSI SAS MegaRAID 9280-8e SAS2 RAID Adapter • Areca ARC-1680X / ARC-1680LP / ARC-1680-IX-xx • LSI SAS MegaRAID • LSI SAS HBA (no RAID) • Intel SAS RAID

