AccuSTOR AS316IX

3U 16-bay 6G SAS/SATA to SAS JBOD with SAS Expander (Expansion for AR316I(T))

Overview

The **AccuSTOR AS316IX** is a 3U rack-mountable 6G SAS JBOD rackmount for expansion with AccuRAID AR316I or AR316IT, SAS/SATA to iSCSI RAID storage. AS316IX is a single controller Quad iSCSI RAID storage array with Dual controller upgrade capability. Customer can opt to upgrade from single controller to dual at a later time with minimum effort. The built-in second controller expansion slot allows simple upgrade to dual IO redundant controller simply by insert a second controller to the system. Utilizing the latest SAS technology, the AS316IX provides mini-SAS host to 16 high performance 6G SAS hard drives or high capacity SATA drives. The AS316IX includes one mini-SAS port for AR316I or AR316IT RAID head unit and one mini-SAS expanders; allowing the AR316I or AR316IT to expand up to 3 more additional units of AS316IX up to a total of 64 HDDs (3U16-bay AR316I or AR316IT Plus 3 more 3U16-bay AS316IX=64HDD or 192TB Total Raw capacity). When AR316I or AR316IT and AS316IX are daisy-chained together, it establishes a single multi-terabyte RAID capable volume, saving users the cost of purchasing additional RAID units. Redundant power supply, hot-swappable cooling fan and cable-less backplane design allows easy trouble-shooting and maintenance. The versatility of the AS316IX allows easy configuration and integration with existing AccuRAID AR316I or AR316IT storage system ensuring long term data expansion capability and usability.

Features

- Single upgradeable Controller. Built-in expansion controller slot for future dual IO upgrade.
- Supports high performance 6G SAS hard drives and cost-effective 6G SATA hard drives.
- Backward compatible with 3G hard drives.
- 16 hot-swappable drive bays.
- Expand AR316I or AR316IT storage capacity with mini-SAS expansion port.
- Mini-SAS host interface supporting both SAS host bus adapters and SAS RAID cards.
- Includes mini-SAS expander for expansion, supports up to 3 * AS316IX (up to 64HDD Total at 192TB total raw capacity, one 16-bay AR316I or AR316IT with three 16-bay AS316IX).
- Fully modular design cable-less backplane, Redundant power supplies and hot-swappable cooling fans ensuring hardware redundancy and reduce system down time.

Specifications

Model	AS316IX
Form Factor	3U Rackmount
HDD Trays	16 Hot-Swappable 3.5"
RAID mode Supported	JBOD (RAID is supported via RAID head unit, AR316I or AR316IT)
Maximum Capacity	48TB, expandable to 192TB
Drive Interface	6G SAS / SATA III
Supported RAID Head Unit	AR316I or AR316IT
Host Interface	SAS, Mini-SAS / SFF-8088 x 1
Expansion Ports	Mini-SAS / SFF-8088 x 1 (Supports up to 3 units)
Cooling Fan	4 Hot-Swappable Modules & Blowers
Power Supply	500W X 2 Redundant
Dimension (in)	19" W x 20" D x 5.5" H
Weight (lb)	44 lb
Safety Regulations	CE, FCC, UL, RoHS
Limited Warranty	3 Years
Package Contents	L-Bracket (1 Set) User's Manual (1) Power Cords (2) Serial Cable (1) Mini-SAS 8088 to Mini-SAS 8088 cable (1) Hard Drive Mounting Screws (64)