AccuSTOR AS316IXR

3U 16-bay 6G SAS/SATA to SAS JBOD w/ Dual IO Controller (AR316I(T)R Exp.)

Overview

The **AccuSTOR AS316IXR** is a 3U rack-mountable 6G SAS JBOD rackmount for expansion with AccuRAID AR316IR or AR316ITR, SAS/SATA to iSCSI RAID storage system. Built-in with dual IO SAS controllers, the AS316IXR provide high availability and high redundant expansion storage for iSCSI storage. Utilizing the latest 6G SAS/SATA technology, the AS316IXR provides mini-SAS host to 16 high performance 6G SAS hard drives or high capacity SATA drives (Additional Mux Board required for SATA drives). The AS316IXR includes two mini-SAS ports for expansion with the AR316IR or AR316ITR RAID head unit allowing it to expand up to 3 additional units, which equals to a total of 64 HDD bays (3U16-bay AR316IR or AR316ITR plus 3 3U16-bay AS316IXR supporting a maximum of 192TB with 3TB hard drives). When connect to AR316IR or AR316ITR and AS316IXR, it establish 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 AS316IXR allows easy configuration and integration with the AccuRAID AR316IR or AR316ITR Dual Quad iSCSI RAID Storage array system. With flexible configuration and easy integration with existing AccuRAID AR316IR makes AS316IXR a high performance and high-redundancy data storage expansion units.

Features

- Dual Active redundant controllers to provide high availabilty storage.
- Supports high performance 6G SAS hard drives and cost-effective 6G SATA hard drives. (Additional Mux Board required for SATA drives)
- Backward compatible with 3G hard drives.
- 16 hot-swappable drive bays.
- Expand AR316IR or AR316ITR storage capacity using mini-SAS controller head unit.
- Built-in mini-SAS expander for storage expansion. Supports up to 3 AS316IXR with up to 64-bay (16-bay AR316IR or AR316ITR with 3 3U16-bay AS316IXR, 192TB of total raw capacity).
- Full modular design: Cable-less backplane, dual redundant power supplies and hot-swappable cooling fans for easy maintenance and serviceability.

Specifications

Model	AS316IXR
Form Factor	3U Rackmount
HDD Trays	16 Hot-Swappable 3.5"
RAID mode Supported	JBOD (RAID is supported via RAID head unit, AR316IR or AR316ITR)
Maximum Capacity	48TB, expandable to 192TB
Drive Interface	6G SAS / SATA III (Additional Mux Board required for SATA drives)
Supported RAID Head Unit	AR316IR or AR316ITR
Host Interface	SAS, Mini-SAS / SFF-8088 x 2
Expansion Ports	Mini-SAS / SFF-8088 x 2 (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) Mini-SAS 8088 to Mini-SAS 8088 cable (1) Serial Cable (1) Hard Drive Mounting Screws (64)