

iR16SAEJ



iStoragePro Rackmount 16 bay SAS Expander JBOD System



Product Overview

iStoragePro R16 Rackmount SAS Expander JBOD System is equipped with a high performance SAS expander technology. It can be connected to host RAID card by a single cable which is capable of providing high performance & expandability. This efficient interface setup provides cost effective without compromising performance. iR16SAEJ is expandable up to 80 disk drives with single RAID controller & multiple SAS expander JBOD systems.

Key Features

- 1 x 12.0 Gbps miniSAS (SFF 8088) host wide ports
- 2 x 12.0 Gbps miniSAS (SFF 8088) JBOD expansion wide port
- With PCI-E RAID CARD, up to 5 JBOD systems can be cascaded
- With iStoragePro RAID subsystem, up to 4 JBOD systems can be cascaded
- Windows Cluster support
- Disk auto spindown support

Key Components

- 6.0 Gb/s SAS drives compatible
- One SAS JBOD down link expansion port to include more drives
- Front-end: Two Host wide ports for servers/RAID controllers
- RAID management through iStoragePro RAID subsystem or top of the line external PCI-E RAID controller

Enclosure Monitoring

- S.E.S. support for standard enclosure management
- System LED indications
(a) System status (b) Host ports status
- FAN speed monitoring
- Redundant 550W power supply monitoring
- System voltages monitoring
- System temperatures monitoring
- System alarm for failure events

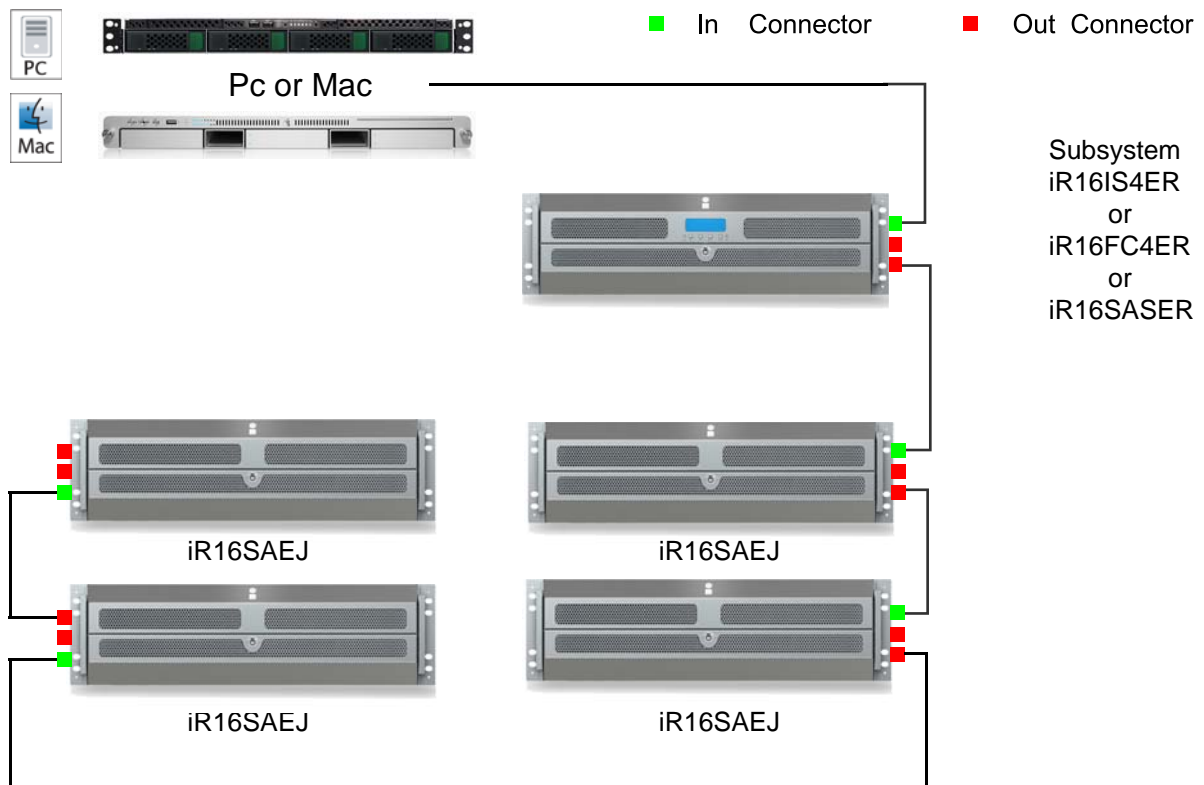
Specifications

| | |
|-----------------------------|--|
| Hard Drive Trays | 16 X Hot Swap HDD Trays |
| Backplane Interface Options | SATA / SAS |
| Power Supply | 550W 1+1 Redundant |
| Dimensions | 19"(W) X 5.25"(H) X 20.5"(D) |
| Weight | 58 lbs (without HDD) |
| Ventilation | 4 X Fans (60mm X 60mm x 38mm) |
| Temp / Humidity | 10-40°C / 20-80% |
| MTBF | < 100,000 POH (excluding hot-swap components) |

Host and Drive Connection

- Two 3Gb SAS 4-lane wide ports
- One 3Gb SAS 4-lane wide port for down link
- Supports up to 16 SAS / SATA drives
- 6Gb SAS drive supported
- Up to 4 JBODs can be cascaded, plus iStoragePro RAID subsystem up to total 80 disks

Applicaton Diagram



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