

iR16IS4ER



16 Bay Rackmount Enterprise iSCSI 4 Port RAID System



Key Features

- Up to 32TB of Disk Capacity & Higher
- Embedded iSCSI Network RAID Controller Inside
- Intel CPU Xscale IOP 81342 Engine
- RAID Level , 0, 1, 5, 6, 10, 30, 50, 60 and JBOD
- Four iSCSI Gigabits Network Host Connection
- One SAS Expansion Port for Daisy Chain SAS JBOD
- 16 hot-swap disk modules, 3.5" SATA II or SAS drive
- Web-GUI user Management Ethernet Interface
- Removable cooling fans ensure data integrity
- Dual Redundant 120-240VAC Universal Power Supply
- Unique design, aluminum enclosure finished
- Standard 3-Year Factory Warranty
- Mac OS X , Windows® & Linux compatible

Product Overview

iStoragePro R16 Rackmount Enterprise iSCSI 4 Port RAID system is equipped with the high performance iSCSI Technology designed with multiple iSCSI Network connection to host computers or switches which is capable of providing high speed video storage solution. The efficient iSCSI interface setup provides cost effective solution without compromising performance. iR16IS4ER can be used in editing with Apple Final Cut Pro and Adobe Premiere Pro CS4 video editing software. It is also compatible with video capture cards such as AJA & Blackmagic Design. The system can easily be configured as a RAID 0, 1, 5, 6, 10, 30, 50, 60 & JBOD which is capable of providing performance and fault-tolerance to protect your audio/video data. iR16IS4ER is designed for expansion total 96 Hard Disk Drives by daisy chain multiple SAS JBODs together.

Audio / Video Application



iStoragePro R16 Rackmount Enterprise iSCSI 4 Port RAID system can easily be connected to the host computer via gigabit port or network switch which is capable of providing RAID5 level protection. It is fast enough for a single 16 drive iSCSI RAID unit to support multi-track Audio and multi-stream video formats such as DV, HDV, DVCPRO HD, ProRes 422, uncompressed SD and data sharing over the network. Speed exceeds 100MB/Sec per port. iStoragePro R16 iSCSI RAID system is the best storage solution for digital content creators, digital audio & music production, video post-production, graphic design, digital photography, Pre-press, D2D backup, video surveillance and Game Programming.

iStoragePro R16 Rackmount Enterprise iSCSI 4 Port RAID System Specification

Model Number	iR16IS4ER08T	iR16IS4ER12T	iR16IS4ER16TB	iR16IS4ER32T
Capacity	8TB Raw (16x500GB)	12TB Raw (16x750GB)	16TB Raw (16x1TB)	32TB Raw (16x2TB)
Enclosure Type	Rackmount RAID System	Rackmount RAID System	Rackmount RAID System	Rackmount RAID System
Array Type	Embedded RAID System	Embedded RAID System	Embedded RAID System	Embedded RAID System
Number of Disks	16 Removable	16 Removable	16 Removable	16 Removable
Disk Interface	SATA II / SAS	SATA II / SAS	SATA II / SAS	SATA II / SAS
Host Interface	Four iSCSI Network Ports	Four iSCSI Network Ports	Two iSCSI Network Ports	Four iSCSI Network Ports
Security Lock	Door Lock	Door Lock	Door Lock	Door Lock
Fan Cooling	Hot-Swappable Fan Module	Hot-Swappable Fan Module	Hot-Swappable Fan Module	Hot-Swappable Fan Module
Supported OS	Mac OSX Windows Linux	Mac OSX Windows Linux	Mac OSX Windows Linux	Mac OSX Windows Linux
Power Supply	Dual Redundant 120 -240 VAC Universal Power Supply	Dual Redundant 120 -240 VAC Universal Power Supply	Dual Redundant 120 -240 VAC Universal Power Supply	Dual Redundant 120 -240 VAC Universal Power Supply
Dimensions (LxWxH)	19.5"x19"x5.25"	19.5"x19"x5.25"	19.5"x19"x5.25"	19.5"x19"x5.25"
Weight	60 Lbs	60 Lbs	60 Lbs	60 Lbs
Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited

Product Contents

(1) iStoragePro R16 Rackmount iSCSI RAID Enclosure

- 16 bays Rackmount iSCSI RAID Storage Enclosure
- A/C Cable
- Accessory Box
- User Guide



(16) iStoragePro R16 Removable Disk Drive Modules

- 16 removalbe drive modules



(1) Ethernet Cable (1) Serial 232 cable

- One Ethernet Cross Over Cable
- One Serial 232 Cable



iStoragePro™ Headquarters

20 Odyssey Irvine, CA 92618, USA | TEL: 1-800-272-0062 FAX: 949.679.1573 | www.istoragepro.com | info@istoragepro.com

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