

Xtore™ StudioRAID™ 16Re

StudioRAID™



Avid Certified



Applications

Video Editing / Post Production

Digital Content Creation & Capturing

HD/SD Video & Audio Streaming

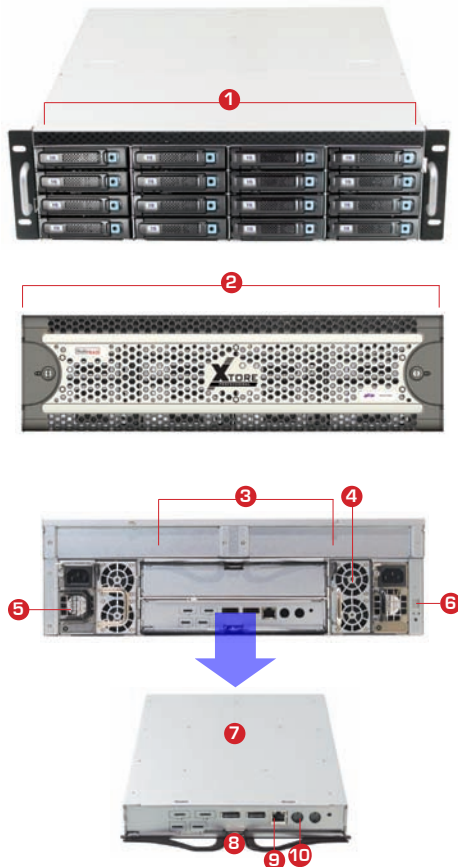


Xtore™ StudioRAID™ 16Re is a next generation RAID Storage System designed to address a broad range of direct-attached and network storage applications. Xtore™ StudioRAID™ 16Re is modular and scalable from enterprise to midrange and small business environments. Providing smart QOS storage configuration, Xtore™ StudioRAID™ 16Re is the best solution for tiered storage implementation.

Dimensions (W x D x H)
(with chassis ears/protrusions)

mm : 482.6 x 509 x 133.4
inches : 19 x 20 x 5.25

Features & Benefits



- 1 16x 3G SAS hard disk bays with lock
- 2 Front bezel for data security and protection
- 3 Auxiliary canisters option
- 4 Hot-swap dual-40x56mm fan modules w/I2C monitoring
- 5 Hot-swap 500W 12V high-efficiency power supply module
- 6 7-segment LED for system status
- 7 RAID controller module canister
- 8 SBB 2.0 compliant tool-less latching
- 9 Ethernet port for RAID management through a web-based GUI
- 10 Serial port for terminal console monitoring

* on certain configuration models certified by Avid Certification Program



Specifications		
Cooling :	4 x 40x56mm fans + 2 x 40x28mm fans	
Power Supply :	AC-DC full range 500W high efficiency 12V output PSU module	
Host Connectivity Dual 4/2/1 Gb/s Fiber Channel Interface :	512mm and queue depth Up to dual 12Gb/s SAS interface	
16x SAS/SATA Drive Interface 3.0/1.5 Gb/s SAS/SATA II and SATA I support :	Up to 32 SATA II command queue per drive Hot plug drive support	
Expansion Port :	Up to dual 12Gb/s SAS wide ports	
667 MHz AMCC 440SPe RISC processor :	CacheUp to 2GB with ECC 667 MHz DDR2 (4GB/s)	
Management FC/SAS in-band SES :	Ethernet GUI	
Management :	10/100/1000 ethernet RS232 command line	
Controller :	SBB 2.0 compliant RAID controller options	
Temperature :	0°C(32°F) ~ 35°C(95°F)	
Humidity :	5%~95% non-condensing	
Gross Weight :	25.5kgs / 56.2lbs	
Reference Container Loading :	20'	175
	40'	350
	40' H	440
Mid-plane :	3U 16 bay 6Gbs mid-plane	
Mounting Options :	Standard: Adjust plate for 900-1100mm cabinet Optional: Slide rail for 900-1100mm cabinet	

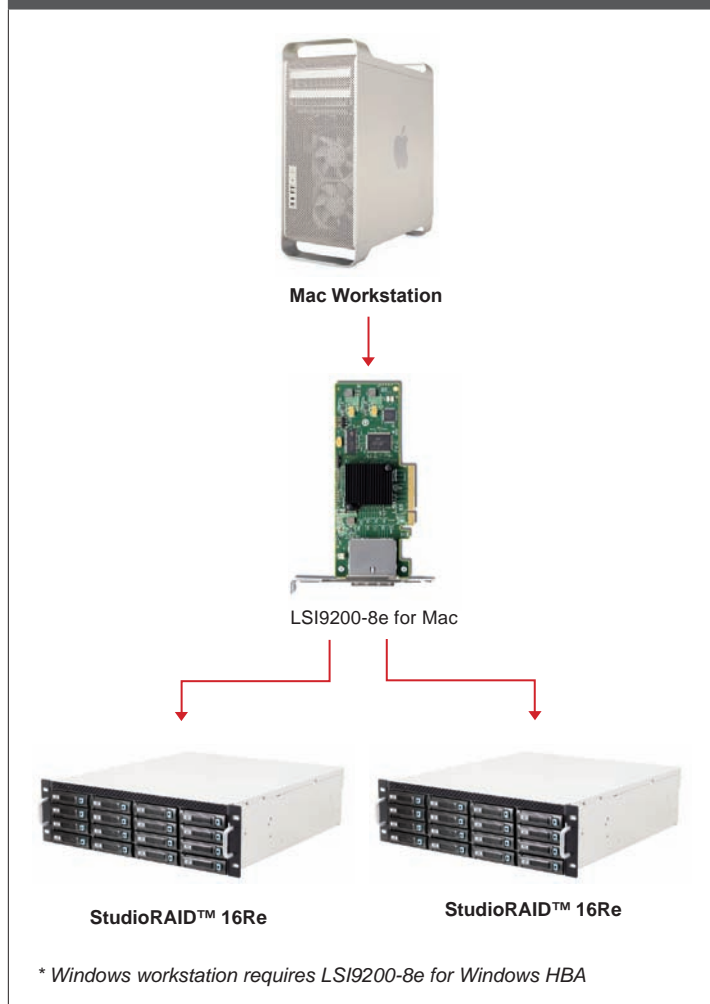
Ordering Information

Part Numbers	Descriptions
XB-RM11-3163S-SR3213-A3	Xtore™ StudioRAID™ 16Re 3U16 SAS SBB RBOD w/ single RAID controller, LSI9200-8e for Mac, 16x Seagate 1TB HDD, 3M SAS Cable
XB-RM11-3163S-SR2213-A3	Xtore™ StudioRAID™ 16Re 3U16 SAS SBB RBOD w/ single RAID controller, LSI9200-8e for Windows, 16x Seagate 1TB HDD, 3M SAS Cable
XB-RM11-3163S-SR0213-A3	Xtore™ StudioRAID™ 16Re 3U16 SAS SBB RBOD w/ single RAID controller, 16x Seagate 1TB HDD, 3M SAS Cable, No HBA

FRU Parts

CBL-SAE-IPIP-3M	3M Molex 8088-8088 SAS cable
XT-HDD-1TBGT1-A1	Seagate 1TB spare drive kit for 16Re
XT-CTL-LSI92008E-BS1	LSI9200-8e for Mac with CD & packaging
SSG-CTL-LSI92008E-B1	LSI9200-8e for Windows with packaging

Connection Diagram



Performance Target

	Sustained Data TR	IOPs Cashed
Single Controller	760 MB/s	70K

RAID Controller



RAID Controller

Specifications	
Host Interface	Single Mini SAS 4 x connector
Expansion Interface	Single Mini SAS 4 x connector
RAID Chipset	Power PC 667 MHz RISC processor, 2x DDR DIMMS 667Mhz, 16Megs of Flash Memory, 32K NVRAM data Real Time Clock, 1x Gigabit Ethernet Port, 2x Serial Port
Data Cache	4GB Maximum
RAID Level	0, 1, 5, 6, 10
Max. RAID set per LV	5
Configurable RAID Stripe Size	64K, 128K, 256K