

Xtore™ StudioRAID™ 5Te

StudioRAID™



Avid Certified



Features

Hardware RAID design, support RAID 0, 1, 5

12Gbps wide SAS host and expansion ports

Cable-less backplane/controller design for maximum reliability

Auto detect drive type and QOS label - Partial rebuild & spare rebuild caching

Logical volume virtualized storage with instant volume availability, online volume resize and simultaneous SAS LV exports

Extreme Storage Manager, a web-based management software with graphical user interface over ethernet

Event notification through EMAIL/ SNMP



Rear View



Dimensions (W x D x H)

mm : 177 x 311 x 280
inches : 7 x 12 x 11

Xtore™ StudioRAID™ 5Te is a desktop RAID subsystem designed for high performance storage demand. With 12Gbps wide SAS bandwidth host and expansion interface supporting both SAS and SATA drives, Xtore™ StudioRAID™ 5Te quadruples the standard data transfer rate of a conventional desktop SATA RAID subsystem.

Xtore™ StudioRAID™ 5Te enables users to manage storage through Extreme Storage Manager, a user-friendly web-based Storage Management GUI that puts remote management and system administration at user's fingertips.

High Performance Desktop RAID Solution

The data bandwidth of Xtore™ StudioRAID™ 5Te is 1200MBps per SAS host connection. The performance of the bus is achieved by combining four SAS channels with each supporting 3Gbps full duplex speed. Together with a high-speed SAS HBA or SAS RAID controller card in the host server, this storage enclosure can deliver an unprecedented performance.

Easy Maintenance and Management

Xtore™ StudioRAID™ 5Te series supports SES (SCSI Enclosure Service) for status monitoring and in-band firmware update. User can perform remote management through web-based Extreme Storage Manager for system status monitoring.

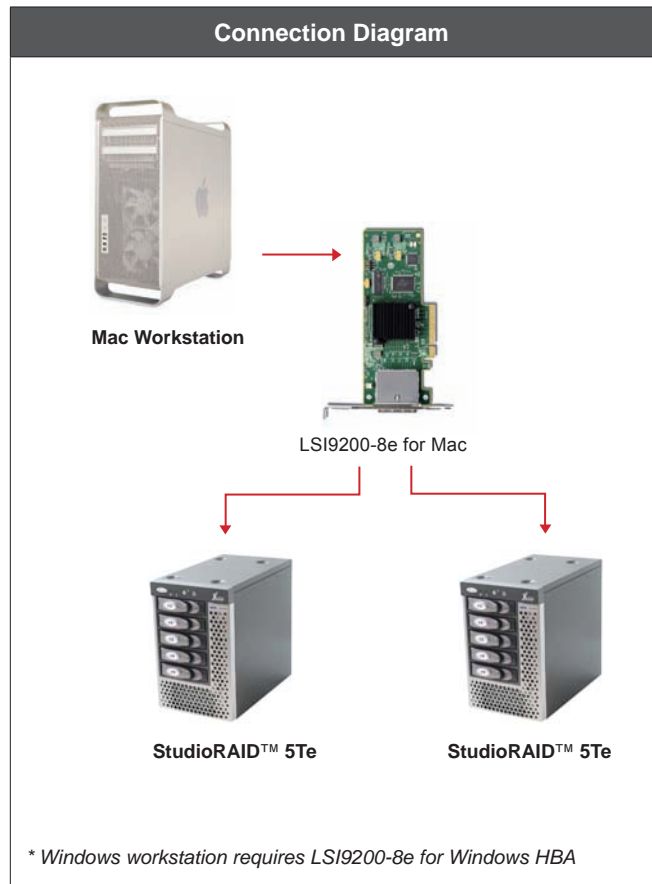
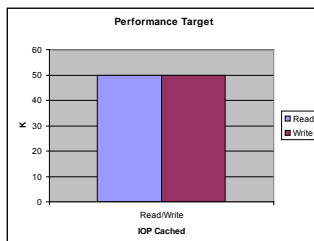
* on certain configuration models certified by Avid Certification Program



Specifications		
Host Interface	1 x 12Gbps SAS wide port	
Expansion Interface	1 x 12Gbps SAS wide port	
IO Chipset	High performance 1068e IOC	
RAID Chipset	667MHz RISC processor, 440 SPe	
Data Cache	<ul style="list-style-type: none"> • 512MB default, upgradable to 1GB w/ ECC • 667MHz DDR (4GB/s) 	
Drive Support	<ul style="list-style-type: none"> • Hot-swappable 3.5-inch SAS & SATA drive, up to 15,000 rpm • 1.5Gb SATA II support • 1.5/3.0Gb SAS support • 64 command queue per drive 	
No. of Drive Trays	5	
Logical Volume	Instant Volume Availability, Online Volume Resize, Dynamic LV Mapping & Masking, Dynamic Mount / Unmount Host LV, Auto Detect RAID Set Type / QOS	
RAID Level	0, 1, 5	
Other RAID Features	Auto Detect Drive Type, Global Spare, System Wide Drive Roaming, Configuration on Disk	
Recommended Workstation	<ul style="list-style-type: none"> • HP Z400, Z800, XW8600 • Dell T5500 • Apple Mac Pro Nehalem • Apple Mac Pro Harpertown 	
OS Support	Microsoft Window Vista, Windows 7, 2000 Server, 2003 Server, Mac OS, RedHat Linux, SuSE Linux, Fedora	
Storage Management	<ul style="list-style-type: none"> • Extreme Storage Manager (Web-based GUI over Ethernet) • 10/100/1000 Ethernet • RS232 Command Line 	
Event Notification Method	EMAIL / SNMP	
Power Supply	250W Single 80+ Bronze	
Universal AC Input	90VAC ~ 264VAC	
Operating Temperature	Temperature 0°C to 35°C Relative humidity 20% to 80%	
Non-operating Temperature	Temperature -20°C to 60°C Relative humidity 10% to 90%	
Gross Weight (w/o Drives)	9kgs / 19.8lbs	
Reference Container Loading	20	560
	40'	1150
	40' H	1380

Performance Target

	Sustained Data	IOPs Cached
Read	500 MB/s	50K
Write	250 MB/s	50K



Ordering Information

Part Number	Descriptions
XR-SM11-0053-SR3211-A3	Xtore™ StudioRAID™ 5Te 5Bay Tower SAS RBOD with LSI9200-8e for Mac, 5x Seagate 1TB HDD, 1M 8088-8088 SAS cable
XR-SM11-0053-SR2211-A3	Xtore™ StudioRAID™ 5Te 5Bay Tower SAS RBOD with LSI9200-8e for Windows, 5x Seagate 1TB HDD, 1M 8088-8088 SAS cable
XR-SM11-0053-SR0211-A3	Xtore™ StudioRAID™ 5Te 5Bay Tower SAS RBOD w/o HBA, 5x Seagate 1TB HDD, 1M 8088-8088 SAS cable

FRU Parts

CBL-SAE-IPIP-1M	1M 8088-8088 SAS cable
XT-HDD-1TBCT1-A1	Seagate 1TB spare drive kit for 5Te
XT-CTL-LSI92008E-BS1	LSI9200-8e for Mac with CD & packaging
SSG-CTL-LSI92008E-B1	LSI9200-8e for Windows with packaging
HDT-SS-AVID-SR	3.5" HDD short trays
CBL-PSC-USASPEC	US spec power cord (PS-CORD)