

# Xtore™ StudioRAID™ 5Ti

StudioRAID™



Avid Certified



## Features

12Gbps wide SAS host and expansion ports, up to 3-Gb/sec per port

Cable-less backplane/controller design for maximum reliability

Support for RAID levels 0, 1, 4, 5, 6, 10, 40, 50, 60, JBOD and DVRAID (PRE-CONFIGURED RAID5)

Support up to 128 virtual SAS/SATA drives

## Applications

Support for digital media workgroup solutions requiring high-bandwidth and data protection

Audio/Video, VOD, Video Editing, Digital Content Creation, Tiered Storage Environments, HD/SD Streaming and other data intensive environments



Rear View



Dimensions (W x D x H)

mm : 177 x 311 x 280

inches : 7 x 12 x 11

Xtore™ StudioRAID™ 5Ti 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™ 5Ti quadruples the standard data transfer rate of a conventional desktop SATA RAID subsystem.

Xtore™ StudioRAID™ 5Ti utilizes a top leading RAID controller cards such as ATTO R680 providing 3-Gb SAS/SATA II connectivity with integrated RAID support and is ideal for digital video environments that requires a high level of data protection and performance.

## High Performance Desktop RAID Solution

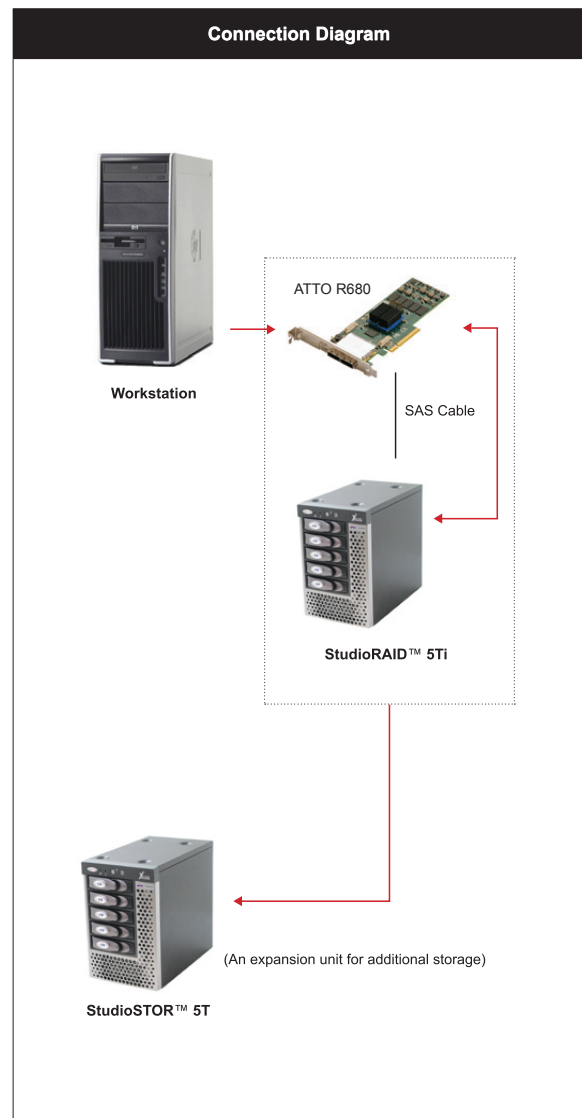
The data bandwidth of Xtore™ StudioRAID™ 5Ti is 1200MBps per SAS host connection. The performance of the bus is achieved by combining four SAS channels with each supporting 3Gbps full duplex speed. Together with a SAS RAID controller card in the host server, this storage enclosure can deliver an unprecedented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

## Easy Maintenance and Management

Xtore™ StudioRAID™ 5Ti series supports SES (SCSI Enclosure Service) for status monitoring and in-band firmware update. User can perform RAID management through RAID controller Graphical User Interface (GUI) and a system status monitoring through a serial port.



Specifications							
Host Interface	1 x 12Gbps SAS wide port						
Expansion Interface	1 x 12Gbps SAS wide port						
No. of Drive Trays	5						
Configurable RAID Stripe Size	64K, 128K, 256K						
OS Support	Microsoft Window Vista, Windows 7, Mac OSX						
Storage Management Software	RAID controller GUI						
Power Supply	250W Single 80+ Bronze						
Universal AC Input	90VAC ~ 264VAC						
RAID Specs	<ul style="list-style-type: none"> <li>• SES Support</li> <li>• S.M.A.R.T Support</li> <li>• SNMP</li> <li>• Support for Staggered drive spin-up</li> <li>• Pass-through mode to support tape devices</li> <li>• Support for RAID levels 0, 1, 4, 5, 6, 10, 40, 50, 60, JBOD</li> <li>• On-line capacity expansion</li> <li>• Hot spare, auto-rebuild</li> <li>• Native Command Queuing</li> <li>• Cache memory—256MB ECC protected memory</li> <li>• User friendly GUI for RAID setup</li> </ul>						
Recommended Workstation	<ul style="list-style-type: none"> <li>• HP Z400, Z800, XW8600</li> <li>• Dell T5500</li> <li>• Apple Mac Pro Nehalem</li> <li>• Apple Mac Pro Harpertown / Avid Approved</li> </ul>						
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	9kgs / 19.8lbs						
Reference Container Loading :	<table border="1"> <tr> <td>20'</td> <td>560</td> </tr> <tr> <td>40'</td> <td>1150</td> </tr> <tr> <td>40' H</td> <td>1380</td> </tr> </table>	20'	560	40'	1150	40' H	1380
20'	560						
40'	1150						
40' H	1380						



## Ordering Information

Part Numbers	Descriptions
XJ-SA11-0053-SR1111-A1	Xtore™ StudioRAID™ 5Ti with Atto R680, 5pcs WD 1TB HDD, 1M Molex 8088-8088 SAS cable
<b>Accessories</b>	
XJ-SA11-0053-SS0111-A1	Xtore™ StudioSTOR™ 5T expansion unit with 5pcs WD 1TB HDD, 1M Molex 8088-8088 SAS cable
CBL-SAE-IPIP-1M	1M Molex 8088-8088 SAS cable
HDD-WD1003FBYX-R	WD 1TB spare drive + tray
<b>FRU Parts</b>	
XT-CTL-ATTOR680	ATTO R680 RAID controller
PSU-1S270X-P-XJ-R	270W power supply
HDT-SS-AVID-SR	3.5" HDD short trays
BKP-SAS3-1-R	Single SAS 3G B/P for 1P, 1K, 1TN RoHS
XT-IOT-JT5SA-TW	SAS IO module VSC7155 for 5 bay tower
FAN-9025XJ-SU-3-R	90mm fan
HDT-SS-AVID-SDR	3.5" HDD short dummy trays
XT-BZL-XSS5BT-A1	Xtore™ StudioSeries™ plastic front bezel
CBL-PSC-USASPEC	US spec power cord (PS-CORD)
CVR-SA12-SEB-AVID	Side cover tray for expander board
CVR-XJ-SA12-S-AVID	Side cover
CVR-XJ-SA12-T-AVID	Top cover

**Remark:** All specifications and photos are subject to change without notice.