



XD 1000 SATA Series

XD 1000 SATA Series is the intelligent direct attached RAID storage solution.

Engineered with high fault resistance features, these rack-mount storage subsystems include dual Ultra 160/320 SCSI or Fibre Channel host connections for direct server or SAN connectivity.

The RAID controller provides additional data protection and can aggregate the hard drives into high performance RAID configurations for intense applications such as imaging, video, audio, centralized storage, database serving and more.

Twelve (2U) or sixteen (3U) Serial ATA drives are supported in hot swap cable-less drive canisters. On-line RAID expansion provides scalability in rapid growth environments and allows additional drives to be added without powering down the subsystem.

► XD 1000 SATA Series At - A - Glance	RAID			
	XD-T112-212R	XD-S112-316R	XD-G112-212R	XD-F112-316R
■ Features				
SCSI Host Connection	U320	U320	N/A	N/A
2Gb FC Host Connection	N/A	N/A	•	•
# RAID Controllers	1	1	1	1
# Host Ports	4	4	2	2
Max. Performance per channel (MB/s)	320	320	200	200
Max. RAID Cache	1GB	1GB	1GB	1GB
SATA Disks	•	•	•	•
Max. Capacity** (TB)	4.8	6.4	4.8	6.4
2U 19" Rackmount	•	N/A	•	N/A
3U 19" Rackmount	N/A	•	N/A	•

** with 400GB SATA disks.

For detailed specifications, please see back.



Branded 2U 12-bay

Features

- 2U and 3U, 19" standard rack-mount form factor
- Supports up to twelve (2U) or sixteen (3U) 3.5" low-profile SATA 150MB/s
- Cable-less hot swap drive trays support up to 10k rpm speeds
- 2 Gb/s Fibre Channel dual loop or Ultra 160/320 SCSI dual channel host interface
- RAID controller with an Intel® RISC processor and 256MB SDRAM (Expandable up to 512MB/1GB)
- Support for multiple LUNs with different RAID levels and on-line RAID expansion
- Automatic bad sector reallocation, drive failure detection and rebuild
- Redundant, hot-swappable power supplies and blowers
- LCD display with keypad and RS-232 serial interface for setup and monitoring
- I²C interface for fan, power and internal temperature monitoring with audible alarm
- Optional Ethernet module for web-based remote management



Whitebox 3U 16-bay

For more information visit our website
www.xtore.com



XD 1000 SATA Series

RAID

XD-T112-212R
XD-S112-316R
ES-316R-A6(OId)
XD-G112-212R
XD-F112-316R
ES-316R-A7(OId)

Features	Description	XD-T112-212R	XD-S112-316R ES-316R-A6(OId)	XD-G112-212R	XD-F112-316R ES-316R-A7(OId)
GENERAL					
Host Interface	Ultra 320 SCSI	•	•	N/A	N/A
	Fibre Channel 2Gb	N/A	N/A	•	•
Host Channels	Dual	•	•	•	•
Cache Memory	256MB	•	•	•	•
Maximum Cache Memory	1GB	•	•	•	•
Battery Backup	Optional	•	•	•	•
Transfer Speed	Host Data Transfer Speed per channel (MB/sec)	320	320	200	200
OPERATING SOFTWARE SUPPORT					
Operating System	Host O/S independent	•	•	•	•
RAID					
RAID Levels	JBOD, RAID 0, 1, 3, 5, 10, 30, 50	•	•	•	•
RAID Sets		8	8	8	8
Disk Drives	Maximum number of Disk Drives	12	16	12	16
Capacity	Maximum Storage Capacity (TB)	4.8	6.4	4.8	6.4
Global Hot Spare	Yes	•	•	•	•
Local Hot Spare	No	•	•	•	•
Automatic Rebuild	Yes	•	•	•	•
DRIVES					
Drive Interface	SATA150MB/s	•	•	•	•
Disk Drive RPM	Up to 10,000	•	•	•	•
ADMINISTRATION / MANAGEMENT					
GUI Admin	XRAIDSet / XRAIDView	•	•	•	•
LCD Notification	Yes	•	•	•	•
Interface	RS-232	•	•	•	•
	In-band SCSI	•	•	N/A	N/A
LED / Admin Front Bezel	Yes	•	•	•	•

RAID

XD-T112-212R
XD-S112-316R
ES-316R-A6(OId)
XD-G112-212R
XD-F112-316R
ES-316R-A7(OId)

Features	Description	XD-T112-212R	XD-S112-316R ES-316R-A6(OId)	XD-G112-212R	XD-F112-316R ES-316R-A7(OId)
ENCLOSURE					
Enclosure	19" Rackmount	2U	3U	2U	3U
Passive Backplane	Yes	•	•	•	•
HOT-SWAP & REDUNDANCY					
Disk Drive		12-bay	16-bay	12-bay	16-bay
Cooling	2 + 1 blowers	•	•	•	•
Power Supplies	Redundant 1 + 1 460W	•	•	•	•
Power Entry	Dual AC Inlet	•	•	•	•
ELECTRICAL & ENVIRONMENTAL					
Universal A/C Input	100-240V AC full range	•	•	•	•
Operating environment	Temperature 5°C to 35°C Relative humidity 20% to 80%	•	•	•	•
Non-operating Environment	Temperature -20°C to 60°C Relative humidity 10% to 90%	•	•	•	•
PHYSICAL DIMENSIONS					
	XD-T112-212R	XD-S112-316R	XD-G112-212R	XD-F112-316R	
Height	3.5" (88mm)	5.2" (133mm)	3.5" (88mm)	5.2" (133mm)	
Width	17.3" (440mm)	17.3" (440mm)	17.3" (440mm)	17.3" (440mm)	
Depth	22.6" (575mm)	22.4" (570mm)	22.6" (575mm)	22.4" (570mm)	
Weight**	54lb(24.5kg)	42lb (19kg)	54lb(24.5kg)	42lb (19kg)	
AGENCY					
Emissions & Safety	FCC, UL, C-UL, CE, TUV, BSMI	•	•	•	•
Quality	ISO9001	•	•	•	•
OPTIONS					
Optional kit	Ethernet module for administration	•	•	•	•

** Hard Drives are not included in the weight



Contact Us:

Xtore USA:
Phone: +1-626-581-7015
Email: sales@xtore.com

Xtore Taiwan:
Phone: +886-2-2911-1569
Email: sales@xtore.com.tw

Xtore Japan:
Phone: +81-43-202-8380
Email: japansales@xtore.com.tw

www.xtore.com

Xtore Europe:
Phone: +31-30-6386789
Email: europesales@xtore.com

© 2005 Xtore Extreme Storage, Inc. All Rights Reserved.
Xtore Extreme Storage and the Xtore Extreme Storage logo are trademarks used under license by Xtore Extreme Storage. All other trademarks are the property of their respective companies.

PUB-00016-D 6/2005 *Product specifications subject to change without notice.

