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## XD1U10 FC/SAS/SATA RBOD

### High Performance and High Versatility Desktop RAID Subsystem

XD1U10 series FC/SAS-SAS/SATA RBOD is the next generation rack mounted RAID subsystem designed for high performance storage demands in the industry standard 19" rack format. With 12Gbps wide SAS bandwidth host and expansion interface supporting both SAS and SATA drives, XD1U10 quadruples the standard data transfer rate of a conventional SATA/SAS RAID subsystem. In additions, XD1U10 can be configured with dual 4G Fiber Channel host interface with 8Gbps bandwidth for maximum versatility. The XD1U10 supports single controller configurations.

XD1U10 enables users to manage storage through the Xtreme Storage Manager, a user-friendly web-based Storage Management GUI that puts remote management and system administration at user's fingertips.

#### KEY FEATURES & BENEFITS

- Hardware RAID design, support RAID 0, 1, 10, 5, and 6
- Universal backplane supports the mix-match of SAS & SATA drives
- 12Gbps wide SAS host and expansion ports, with optional 8Gbps 4G FC host 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, Host Mapping & Masking and Simultaneous FC & SAS LV Exports
- Extreme Storage Manager, a web-based management software with graphical user interface over Ethernet
- Event Notification through EMAIL
- SCSI Enclosure Services (SES) for drive, fan, power and system temperature monitoring



XD1U10 front view



XD1U10 back view

Supports 10 2.5" SAS/SATA drives in a 1U rack mount Format.

#### High Performance Desktop RAID Solution

The data bandwidth of XD1U10 is 1200MBps per SAS host connection, with optional 800MBps dual Fiber Channel 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

XD series supports SES (SCSI Enclosure Service) for status monitoring and in-band firmware update. User can perform remote management through web-based Xtreme Storage Manager for system status monitoring.

# XD1U10-SBB FC/SAS/SATA RBOD



## SPECIFICATIONS

<b>Model Number</b>	XD-1U-0010R-B	
Host Interface	1 x 12Gbps SAS wide port (Optional) 2 x 4Gbps Fiber Channel port	
Expansion Interface	1 x 12Gbps SAS wide port	
RAID Chipset	667 MHz RISC processor	
Data Cache	1GB default	
Drive Support	Hot-swappable 3.5-inch SAS & SATA drive, up to 15,000 rpm	
No. of Drive Trays	10 2.5 " disks	
Logical Volume	Instant Volume Availability, Online Volume Resize, Dynamic Mount/ Unmount Host LV, Auto Detect RAID Set Type / QOS	
RAID Level	0, 1, 5, 6, 10	
Max. RAID set per LV	5	
Configurable RAID Stripe Size	64K, 128K, 256K	
Other RAID Features	Auto Detect Drive Type, Global Spare, System Wide Drive Roaming, Configuration on Disk	
OS Support	Microsoft Window Vista, 2000 Server, 2003 Server, Mac OS, RedHat Linux, SuSE Linux, Fedora	
Storage Management Software	Extreme Storage Manager (Web-based GUI over Ethernet)	
Event Notification Method	EMAIL/ SNMP	
AC Input	100VAC ~ 240VAC 300W with PFC	
DC Output	12V@16A, 5V@18A, 3.3V@16A	
Operating Temperature	40 °F ~ 120 °F Non-condensing	
Non-operating Temperature	41 °F ~ 140 °F Non-condensing	
Dimension (H x W x D)	19 x 28 x 1.75	
Weight	16 bs	
Emission & Safety	FCC / CE / UL / BSMI	
Quality	ISO 9001 / 140000	
Warranty	Three years*	

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