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## XD2U12-SBB FC/SAS/SATA RBOD

### High Performance and High Versatility Desktop RAID Subsystem

XD2U12-SBB series FC/SAS-SAS/SATA RBOD is the next generation rack mounted RAID subsystem designed for high performance storage demands in the industry standard SBB format. With 12Gbps wide SAS bandwidth host and expansion interface supporting both SAS and SATA drives, XD2U12 quadruples the standard data transfer rate of a conventional SATA/SAS RAID subsystem. In additions, XD2U12-SBB can be configured with dual 4G Fiber Channel host interface with 8Gbps bandwidth for maximum versatility. The XD2U12-SBB supports dual controller configurations.

XD2U12-SBB 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 dual 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



XD2U12 front view



XD2U12 back view

Supports 12 3.5" SAS/SATA drives in a 2U rack mount Format.

#### High Performance Desktop RAID Solution

The data bandwidth of XD2U12 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.

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## SPECIFICATIONS

<b>Model Number</b>	XD-2USBB-0012R-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	12
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
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 3.5
Weight	28 lbs
Emission & Safety	FCC / CE / UL / BSMI
Quality	ISO 9001 / 140000
Warranty	Three years*

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