



For more Information visit our website at www.mpstor.com

XD3U16-SBB FC/SAS/SATA RBOD

High Performance and High Versatility Desktop RAID Subsystem

XD3U16-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, XD3U16 quadruples the standard data transfer rate of a conventional desktop SATA/SAS RAID subsystem. In additions, XD3U16-SBB can be configured with dual 4G Fiber Channel host interface with 8Gbps bandwidth for maximum versatility. The XD3U16-SBB integrates an optional SAS edge expander switch and PCIe expansion ports.

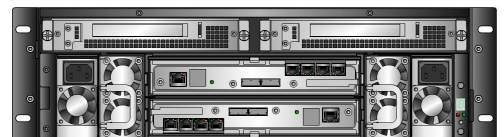
XD3U16-SBB enables users to manage storage through the Xtreme Storage Manager, a user-friendly web-based Storage Management GUI that puts remote management and system administration at user's fingertips.

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



XD3U16 front view



XD3U16 back view

Supports 16 3.5" SAS/SATA drives in a 3U rack mount Format. The XD3U16-SBB supports optional PCIe expansion busses and integrated SAS edge switch.

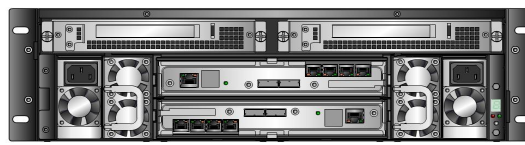
High Performance Desktop RAID Solution

The data bandwidth of XD200 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

XD200 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.

XD3U16-SBB FC/SAS/SATA RBOD



SPECIFICATIONS

| | | |
|-------------------------------|---|--|
| Model Number | XD-3U-SBB-0016R-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 | 16 | |
| 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 5.25 | |
| Weight | 28 lbs | |
| Emission & Safety | FCC / CE / UL / BSMI | |
| Quality | ISO 9001 / 140000 | |
| Warranty | Three years* | |

Contact us:

European Sales at
Tel: +353-21-4208959
Email: sales@mpstor.com
URL: www.mpstor.com

©2009 MPSTOR LTD. All Rights Reserved
MPSTOR and MPSTOR logo are MPSTOR
trademarks. All other trademarks are the
property of their respective companies.

PUB-00045-B 03/30/09 Product specifications subject to change without notice.