MobileSTOR MS8X6+

8-Bay SATA/SAS to 6G SAS Expander JBOD Enclosure (Silver)

The **MobileSTOR MS8X6+** is a 8-bay mini-SAS SAS expander tower comprised of the same engines as the AccuSTOR / EliteSTOR enterprise level rackmount storage. Utilizing the same engine structure as the enterprise level rackmounts, the MobileSTOR utilize SAS expander technology, and provides up to 24 Gb/s or 2,400MB/s of data bandwidth to fulfill the most demanding application. The MS8X6+ supports both SATA or SAS 6Gb/s solid state drives and hard drives and is backward compatible to 3Gbps SAS & SATA SSD and HDDs. By utilizing the latest SAS expander technology, the MS8X6+ supports up to 8 SAS or SATA drives using only one mini-SAS cable. A built-in SAS expansion port enables the system to connect up to 10 units or 120 HDD drives daisy-chained together. With a high performance RAID controller card such as Areca, ATTO, Highpoint and LSI 6G RAID controller, the MS8X6+ is capable of delivering over 1,500MB/s in read/write performance with RAID controller, doubling the existing 3G SAS expander bandwidth. Drives status information is provided by the LED. All necessary hardware comes standard including mini-SAS cable, hot-swappable cooling fans, and hard drives tray modules. The MS8X6+ is an ideal storage expansion solution for servers or high performance video editing workstations.

Features

- **6G SAS Expander Technology** - Connect 8 SAS/SATA drives with only one SFF-8088 to 8088 Mini-SAS cable to HBA or RAID Controller.
- **Superior Performance** - With support of SATA/SAS 6G hard drives and 24Gbps of data bandwidth, performance can reach over 1,500MB/s in read/write.
- **Staggering Spin-Up** - Built-in staggering spin-up for hard drives during power up. Thus, extending the life / duty cycle of the hard drives and power supply.
- **Support Industry Standard SGPIO** - Serial General Purpose Input/Output (SGPIO) is utilized to provide the hard drives health & enclosure real-time information via the mini-SAS connection cable to the HBA (host Bus Adapter) without additional serial cable.
- **Scalability** - Supports up to 10 enclosures or up to 120 hard drives daisy-chained together for capacity expansion.
- **Multi-purposes** - Supports both SAS (Serial SCSI) and SATA hard drives to meet the requirements of different applications with different price/performance characteristics. Cost-effective SATA drives could be used for capacity orientated storage such as disk-to-disk backup, data-archiving, and digital video editing. Enterprise level SAS drives could be employed for I/O intensive applications such as transactional databases.
- **All hardware are included** - Mini-SAS cable, cooling fans, tray modules and build-in mounting rail are included. By connecting to a SAS controller and hard drives will instantly increase the storage space.
- **Build-in hot-swappable cooling fans and carrying handles**
- **Wide Range RAID Adapters Support** - Compatible with Areca, ATTO, Adaptec, Highpoint, HP, Intel and LSI SAS RAID Adapters.

HDD Trays	8 Hot-Swappable 3.5"
RAID Level	JBOD, RAID Supported by optional RAID controller
Maximum Capacity	32TB
Auto Rebuilding	N/A, Support via RAID controller
Hot-Spare	N/A, Support via RAID controller
Host Interfaces	SAS Expander (SFF-8088)
Drive Interface	3.5" 6G SAS or SATA III
Cooling Fan	Hot-Swappable 3.5" Ball Bearing * 2
Power Supply	300W (90V to 256V)
Status Indicators	8 Drive LEDs, Fan Fail LED, Power LED
Dimension (in) & Weight (lb)	8"W x 13"D x 15.5"H & 20lb
Safety Regulations	CE, FCC, UL, RoHS
Limited Warranty	2 Years