



## CoreStor JBOD Series Storage System

**The affordable choice for deployments where cost/performance (IOPS) is primary consideration.**

CoreStor JBOD series provides flexible and cost-effective external storage expansion for a wide variety of performance and capacity-oriented storage environments. The arrays combine 12Gb/s SAS-based host connectivity for more rapid access to data with the ability to scale capacity by daisy chaining multiple systems, making them configurable for a wide range of storage applications. CoreStor JBOD series incorporates LSI DataBolt bandwidth optimizer – a performance acceleration technology that allows users to take advantage of 12Gb/s speeds with existing 6Gb/s drive infrastructure, doubling their throughput. Featuring redundant hardware design optimized for high scalability and bandwidth, CoreStor JBODs offer the next-generation levels of performance and reliability to meet the most demanding storage requirements.

### KEY FEATURES

12Gb/s full duplex data transfer.

Supports single SAS expander module and optional 2nd SAS expander module for dual redundant mode.

High performance miniSAS HD connector (SFF-8644, 4x12Gb Links).

Supports up to 24 / 16 / 12 of 6Gb SAS or 6Gb SATA drives.

Expands up to 256 drives with SAS Expanders.

SCSI Enclosure Services (SES) for in-band status reporting.

OS / Host independent.

### OVERVIEW

CoreStor JBOD arrays address the challenge of storing and managing rapidly increasing amounts of data with limited resources and budgets. With 12Gb/s connectivity, they offer high-throughput, highly efficient storage that significantly increases the performance of I/O and bandwidth intensive applications. The arrays come in a 2U, 3U or 4U form factor, and drives can be mixed and matched as needed.

Affordable:

- Optimal solution when cost per GB is a key requirement.
- More capacity/performance for your budget.

Flexible:

- Supports both SAS (Serial SCSI) and SATA hard drives to meet the requirements of different applications.

Scalable:

- Add Disk Enclosures as needed to boost capacity
- Room to grow as your storage demands increase.
- Allows for expansion up to 256 drives.

Energy efficient:

- 80 PLUS power supplies.

### Available models

Form	Drive Bays	Expanders	
		Single	Dual
2U	12-bay	2712J	2712JR



Form	Drive Bays	Expanders	
		Single	Dual
2U	24-bay	2724J	2724JR



Form	Drive Bays	Expanders	
		Single	Dual
3U	16-bay	3716J	3716JR



Form	Drive Bays	Expanders	
		Single	Dual
4U	24-bay	4724J	4724JR



Form	4U	3U	2U
<b>Host Interface</b>	High performance miniSAS HD connector (SFF-8644, 4x12Gb Links).		
<b>Disk Interface</b>	24 x 6Gb SAS / 6Gb SATA drives	16 x 6Gb SAS / 6Gb SATA drives	12 x 6Gb SAS / 6Gb SATA drives
	Dual downstream ( SFF-8644) connectors per I/O expander.		
<b>Supported Drives</b>	All 3.5" SATA and SAS drives from 1Tb to 8Tb are supported.		
<b>Operating System</b>	OS independent and transparent.		
<b>Power Supply</b>	3 redundant power modules	2 redundant power modules	
	Redundant 500W / 80 Plus energy-efficient power modules with PFC, load sharing and cable-less design.		
<b>Electrical</b>	AC Voltage 100-240 VAC / AC Frequency 50-60Hz		
<b>Temperature</b>	Operating temperature: 5 to 35 degree C. Non operating temperature: -40 to 60 degree C.		
<b>Relative Humidity</b>	20% to 80% non-condensing.		
<b>Dimensions</b>	446.5mm(W) x 517mm(D) x 4U	446.5mm(W) x 517mm(D) x 3U	446.5mm(W) x 517mm(D) x 2U