CoreStor™

CoreStor High Availability JBOD 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. CoreStor high availability JBOD is specially designed for high availability applications. It is equipped with fully redundant components for all major functions, including redundant JBOD controllers, power supplies, fan modules, and SAS JBOD expansion ports. Being hot pluggable, all of them provide non-stop services. Unlike others, CoreStor high availability JBOD is able to upgrade firmware without system down time. The arrays offer the ability to scale capacity by daisy chaining multiple systems, making them configurable for a wide range of storage applications. 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

Fully redundant & hot pluggable design: JBOD controllers, power supplies, fan modules, and JBOD expansion.

Online firmware upgrade without system down time.

High connection availability: load balancing and failover.

1 x 6G SAS (miniSAS SFF8088) host wide port per controller.

1 x 6G SAS (miniSAS SFF8088) JBOD expansion wide port per controller.

Auto disk spin down.

80 PLUS Gold energy-efficient power supplies.

OVERVIEW

CoreStor JBOD arrays address the challenge of storing and managing rapidly increasing amounts of data with limited resources and budgets. High Availability JBOD System is designed to provide-non-stop services for applications demanding high throughput. The dual path design between CoreStor RAID system and JBOD system will provide services even in case of multiple hardware failures.

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.

Energy efficient:
- 80 PLUS Gold power supplies.
- Auto disk spin down.
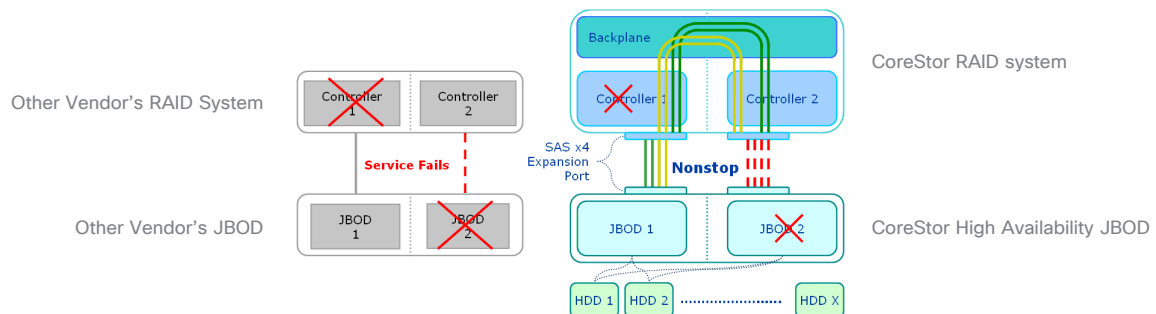- Advanced cooling mechanism.

Available models

Form	Drive Bays	Controllers	
		Single	Dual
4U	60-bay	4760J	4760JR

	CoreStor 4760J	CoreStor 4760JR
JBOD Controller	Single controller	Dual controllers
Host Channels Per Controller	1 x 6G SAS	
Hard Drives	60	
Power Supply	3 x 700W	
Fan	2	
Dimensions	4U 19" Rackmount	
Green Features	Auto disk spin down. Advanced cooling mechanism. 80 PLUS Gold energy-efficient power supplies.	
High Availability	Dual-active JBOD controllers Online firmware upgrade without system down time. Multi-path & load-balancing support.	
Management	LCM; S.E.S.	
OS Support	Windows; Linux; Solaris; Mac	
Warranty	3-year	
AC Input	90-264V ~ 10A-5A 550W with PFC (Auto Switching)	

Unlike other vendors, CoreStor High Availability JBOD will still provide services even in the case of multiple hardware failures as shown below:

Other Vendor's JBOD Single Path Design compared to CoreStor JBOD Dual Paths Design.