

# StorTrends® 3202j

3U SAS/NL-SAS JBOD Storage System



## HIGHLIGHTS

### > 3U SAS JBOD device

- Dual Controller StorTrends 3202jD for expansion with the StorTrends 3400i SAN

- Single Controller StorTrends 3202jS for expansion with the StorTrends 2401i SAN

### > 16 hot-swappable SAS/NL-SAS drives

- Accommodates 500 GB, 1 TB, 2 TB and 3 TB capacity SAS 7,200 RPM hard drives

- Accommodates 300 GB, 450 GB and 600 GB capacity SAS 15,000 RPM hard drives

### > Redundant, hot-swappable power and cooling modules

### > External SAS (4x) expansion ports for cascading additional StorTrends JBODs

### > Integrates with the Information Lifecycle Management (ILM) module in StorTrends iTX for data migration based on data usage and aging history

The StorTrends® 3202j is a 3U rack mount JBOD appliance for use in expanding the storage capacity of the dual controller StorTrends 3400i or single controller StorTrends 2401i storage servers. The StorTrends 3202j features support for both SAS and near-line SAS (NL-SAS) hard drives, giving users multiple options to combine shelves of disks for a wide range of additional storage needs.

StorTrends iTX Data Storage Software features support for the expansion of up to three StorTrends 3202j JBOD appliances attached to a StorTrends 3400i or 2401i head unit, for tremendous capacity expansion that allows organizations to keep several steps ahead of exploding data growth.

[Data Sheet](#) .....

The StorTrends® 3202j is a robust, high-bandwidth JBOD (Just a Bunch of Disks) storage system with 16 hot-swappable drive bays, for up to 48 TB of expansion raw storage capacity in a single JBOD appliance. Available in both single and double controller configurations, the StorTrends 3202j is a cost-effective JBOD storage system suitable for expanding the storage capacity of the dual controller StorTrends 3400i SAN and single controller StorTrends 2401i SAN.

The 3202j is designed to be plugged in behind a StorTrends 3400i or 2401i head unit with StorTrends iTX Data Storage Software for simple capacity expansion, enabling the user to “buy as you grow” as storage capacity requirements increase in the future. The external SAS ports provide the connectivity and bandwidth for large capacity solutions requiring multiple cascaded StorTrends JBODs.

When populated with high performance, highly reliable SAS drives, the StorTrends 3202j is ideally suited for enterprise-level transactional applications such as modeling, simulation and billing. With high capacity NL-SAS drives, the StorTrends 3202j can be optimized for reference and high-bandwidth data applications such as disk-based backup, document imaging and video surveillance.

Add an additional 8, 16, 32 or 48 TB of raw storage capacity per JBOD to the existing storage array with 500 GB, 1 TB, 2 TB or 3 TB NL-SAS drives. For performance applications, add an additional 4.8, 7.2 or 9.6TB of raw storage capacity to the existing storage array with high-performance 300 GB, 450 GB or 600 GB SAS drives.

Users who expand their capacity with a StorTrends 3202j can take advantage of the Information Lifecycle Management (ILM) module featured in the StorTrends iTX Data Storage Software powering the head unit. The ILM module provides the capability to migrate data from front line SAN and NAS storage to less expensive JBOD storage based on the data's usage and aging history.

To ensure data availability and system reliability, the StorTrends 3202j includes fully redundant, hot-swappable I/O, power and cooling modules, all of which are field replaceable. Key system components are constantly monitored to ensure continuous operation in case of disk failure or an I/O module, power supply or cooling unit malfunction and can be viewed at a glance through the ManageTrends™ Health Monitoring window in StorTrends iTX.

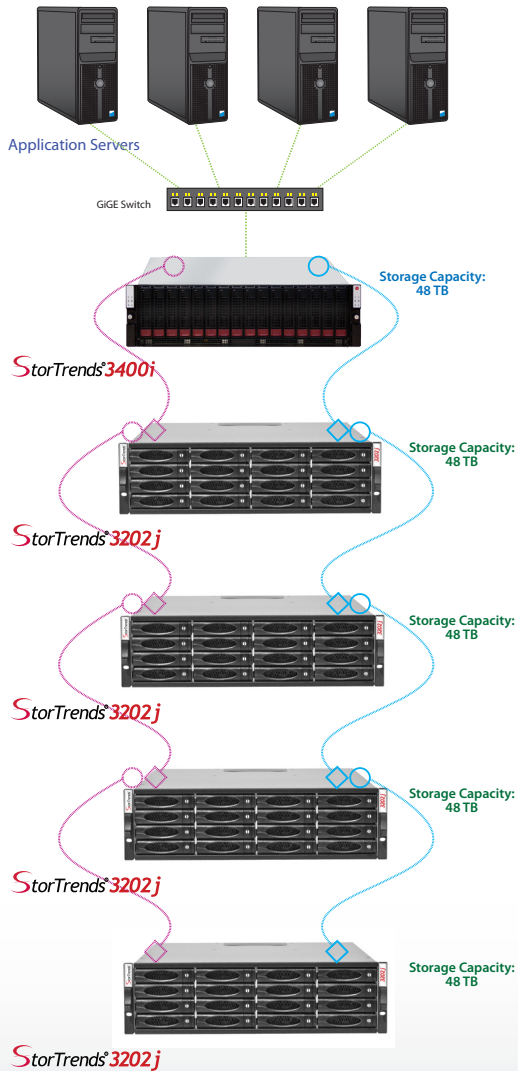
  
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# StorTrends® 3202j

## 3U SAS/NL-SAS JBOD Storage System

### Features

#### Sample JBOD Configuration: StorTrends 3400i IP-SAN Head Unit with StorTrends 3202j JBOD Unit



Original Storage Capacity: 48 TB  
Capacity Added with 4 JBODs: 192 TB  
**Total Storage Capacity: 240 TB**

#### StorTrends 3202j 3U SAS/NL-SAS JBOD System Features

##### Form Factor:

Rack mount 3U Chassis with 16 Drive Bays

##### Controller Options:

Single Controller StorTrends 3202jS for use with StorTrends 2401i SAN  
Dual Controller StorTrends 3202jD for use with StorTrends 3400i SAN

##### Drive Interface:

SAS (15000 RPM) and near-line SAS (7200 RPM) compatibility

##### Drive & Storage Capacity:

Sixteen 3.5" hot-swap SAS/NL-SAS drives with hot-spare

##### Expansion Slots:

External SAS (4x) ports (SAS IN Port and SAS Expansion Ports) for cascading additional StorTrends JBODs

##### LED Indicators:

LED status indicator support for drives, FRU and enclosure environmental information

##### Integrated Hardware Health Management:

In-band hardware health management alerts user to out of spec operation: thermal condition, voltage condition or component failures, protecting data and hardware

##### Power Supply:

AC 90V - 264V Full Range, 10A - 5A, 47Hz - 63Hz, dual hot swap and redundant with PFC, N+1 design

##### Operating Temperature :

10°C - 40°C (50°F - 104°F)

##### Relative Humidity:

10% - 85%, Non-condensing

##### Dimensions (H x W x D):

13.1 x 48.2 x 59.0 cm (5.2 x 19.0 x 23.2 in)

##### Weight:

24 kg (52.8 lbs.) without drives; 32 kg (70.4 lbs.) with 16 drives\*

\*Assume each hard drive = 0.5 kg



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