



3.5 inch and 2.5 inch drive formats

**SSD • HDD or HYBRID****SB 2:12****Dual Active • Active / Auto Tiering  
Primary Storage Expansion Chassis**

## THE BAR HAS BEEN RAISED

Mission critical systems are an essential factor to support Enterprise business continuity. The ability to provide true 100% fault tolerant access to your data affordably is now available in the Storbyte (R) Series line of Active/Active, fully redundant storage platforms.

The SBJ 2:12r expansion chassis provides a next logical step for your multi-tier, data-defined digital library. The SBJ 2:12r dual expander chassis provides transparent, user definable capacity and data availability models at a industry defining cost correct price point.

## CLUSTER IN A BOX - HDD OR SSD

The SBJ 2:12r platform employs a Cluster-in-a-Box design with (2) independent hot-pluggable dual SAS expanders and active-active or active-passive redundancy. Supporting both 12Gb Dual-Ported HDD or SSD drives the SBJ 2:12r provides dedicated drive or hybrid capabilities with dual controller direct read/write access to your shared-storage pool.

## ENTERPRISE CLASS FUTURE PROOFING

Based on the "Open Compute" specifications the SBJ 2:12r delivers on the promise of multi-generation future proofing utilizing open standards components with the ability to support Multi-Protocol, File/Block and Object access simultaneously.

## INTELLIGENT - DEFINABLE TIERING

Using the right resource for the right reason at the right time. User definable multi-level auto-tiering allows you to assign the proper value model for your data. The SBJ 2:12r supports multiple Storbyte file system options to provide transparent, zero impact file, block and object level access to your data.

Design your multi-tier, primary, secondary, active-archive digital library simply and easily with the SBJ (R) series line of affordable expansion chassis.

## CERTIFIED OPEN SYSTEMS SUPPORT

If you have standardized on a preferred file system the Storbyte SBJ 2:12r is certified to support all industry standard physical / virtual file systems and based on the SBJ (R) series "Open Compute" standards design the SBJ 2:12r is ready for any future generation file system you choose.

Utilizing industry standard 12Gb/s SFF8644 SAS wide ports you can connect the SBJ (R) series line of expansion chassis to any Storbyte or any 3rd party storage controller you want guaranteeing your return on investment for years to come.

## VMWARE/APPLICATION READY CERTIFIED

The SBJ 2:12r architecture is designed to integrate and support all major virtualization and 3rd Party application options including next generation virtualized appliances. Connect the SBJ 2:12r to any server or storage controller and expand the capacity of your Hyper Converged (HCI), backup/data management, analytics or cyber security system simply and affordably.

## ALL INCLUSIVE WARRANTY & SUPPORT

Storbyte provides a 5 Year, all inclusive, next business day Zero cost advanced exchange drive and component warranty. Plus the Storbyte (R) Series storage platforms include 12 hour, Monday to Friday phone, e-mail and on-line technical support all for free. Additional coverage plans including world wide, same day on-site service are available.

## A DESIGN THAT MAKES A DIFFERENCE, YES IT DOES

Whether you are looking for a fully integrated, self contained Flash, HDD or Hybrid based storage system or a flexible foundation to support your own design of choice the Storbyte SBJ 2:12r will deliver for years to come everything you are looking for at a cost correct, price performance combination unequalled in our industry.

**FEATURES & SPECS >>>**



## FEATURE HIGHLIGHTS

### Active/Active Dual Expanders Dual Ported Direct Drive Access

Seamless Fail-Over and Upgrades,  
True Multi-Port Shared Storage

### 12Gb/s SFF8644 SAS wide port Open Standards Connectivity

Simultaneous Multi-Protocol Capable,  
User Definable and Upgradeable

### Hardware Agnostic Transparent System Expansion

All Standard Hardware Supported  
Multi-Tier, Hybrid Capable Expansion

### 5 Year All Inclusive Warranty True Future Proofing

5 Year Advanced Exchange Included  
+ System Component Upgrade Plans

### Internal Cable Management Fixed Frame Rack System Design

No external rack rails or cable arm  
Optimized for standard size racks

### Integrated Enterprise Class Management Features

Management port, 3rd Party Support  
with remote access GUI.

## SPOTLIGHT LOOK



Up to 360 Terabytes RAW  
actual capacity  
2U Standard Rack Design  
Patented Integrated Tray-Less  
hot-swap drive bays  
Up to 1,800 Terabytes average  
with Optimized Data Reduction

Open Systems Drive Flexibility

500GB to 30TB Drive Options

Dual Ported - HDD, SSD  
Dual Expander Direct Drive Access

5 Year - Advanced Exchange  
Drive Warranty



Redundant controllers for failover  
3 x 12G SFF8644 SAS wide ports  
per controller

2x high efficiency 80 Plus  
Platinum power supplies

Hot-Swap redundant fan modules  
with Smart Fan Control

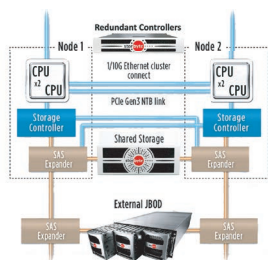
Management NIC port  
with remote access GUI



User Definable - Multi-Protocol Connectivity

File, Block & Object Simultaneous Support

Cluster in a Box Architecture



HDD Status/Identifier LEDs, Smart Fan,  
Thermal Monitor, HDD Monitor, Voltage  
Monitor, Inband SES 2 support

All Ports / All Luns,  
Dedicated, Assignable SAS Lanes

3rd Party, System Agnostic  
Shared Capacity Expansion Storage

## TECHNICAL SPECIFICATIONS

<b>Rack Mount</b>	2U Fixed Frame
<b>Raw Storage Capacity</b>	6 to 360 TB (Scalable as Required)
<b>Compound Optimized Data Reduction</b>	30 to 1,800 TB (Scalable as Required)
<b>Performance</b>	Up to 36.0 GB/s
<b>IOPS Performance</b>	1 Million plus based on configuration
<b>Drive Support</b>	12 x HDD, SSD SAS Dual Port 3.5 and 2.5
<b>System Connectivity</b>	SAS - 12Gb SFF8644 Wide Ports
<b>Active/Active 100% Hot Plug Redundant</b>	All drives, controllers, fans, power supplies, connectivity, etc.
<b>Expansion Connectivity</b>	SAS • Open Systems • JBod
<b>Standard Software Management Features</b>	Management NIC port with remote access GUI, HDD Status/Identifier LEDs, Smart Fan, Thermal Monitor, HDD Monitor, Voltage Monitor, Inband SES 2 support
<b>Fully Upgradeable or Exchangeable</b>	HDD, SSD Drives, Controllers & Connectivity
<b>Temperature</b>	32° F - 95° F - 0° C - 32° C
<b>Humidity</b>	5% to 95%
<b>Shock</b>	1500G & 0.5ms (Half sine)
<b>Nominal Thermal Rating (BTU/hr)</b>	341.21 0.19 to 0.95 per TB
<b>Peak Thermal Rating (BTU / hr)</b>	853 0.47 to 2.37 per TB
<b>Voltage</b>	100V-240V 50/60 Hz / -48VDC/DC
<b>Nominal Power Consumption</b>	100W 0.20 to 0.28 per TB
<b>Peak Power Consumption</b>	250W 0.13 to 0.69W per TB
<b>Dimensions 20.5"x19"x5.25"</b>	20.5" / 52.07cm Depth 19." / 48.26cm Width 3.5" / 13.33cm Height
<b>Weight</b>	Gross: 22.67KG / 50LBS Net: 15.87KG / 35LBS
<b>Compliance</b>	CE, FCC Class A, RoHS 6/6

*Product Specifications Subject to Change*

FOR MORE INFORMATION, VISIT **STORBYTE.COM**

PHONE: 877.2.STORBYTE | 202-505-5320 EMAIL: INFO@STORBYTE.COM

1200 G STREET, NW, SUITE 800, WASHINGTON, DC, 20005, USA

**storbyte**