



## MODEL: SBS-448-HYB

### Key Features:

- 4U High Availability Redundant Storage Server Array
- 48x 3.5" 12Gb/s dual-ported SAS hot-swap bays (SSD/HDD or HYBRID)
- 4x NVMe hot-swap bays on rear of server
- Four 60mm fan modules for each motherboard node
- Support two hot-swap motherboard nodes
- Each Node with Xeon DP server boards provides one system with unified redundant controllers
- Software Storage Operating System with Drive Tiering for enhanced system performance with JBOF/JBOD expansion capabilities

## SPECIFICATIONS

<b>CPU</b>	Intel® Xeon® SP Skylake / Cascade Lake up to 140W TDP socket	<b>Supported OS</b>	Storbyte Javelin, StorONE S1, Windows 2012 R2, RHEL 7.4, SLES 12 SP2, Windows 2016, VMware ESXi 6.5, FreeBSD 11 Centos 7.3 and others
<b>Chipset</b>	Intel® C621 chipset	<b>Front Panel</b>	Power On/Off with LED, Reset Switch, NMI Switch, Locate Switch with LED, 4xLAN LED, Warning LED
<b>RAM</b>	Each node 8x DIMMs @ 16G, 128G (per node)	<b>Rear I/O</b>	VGA, 2x GbE RJ45, 1x GbE IPMI, 2x USB 2.0, 1x USB 3.0, 1x COM Serial (per node)
<b>Expansion</b>	Each node 2x PCIe 3.0 x16 slots and 3x PCIe 3.0 x8 slots; 1x PCIe 3.0 x4 slots (in x8 slot)  Two 36 ports Broadcom 12G SAS Expander	<b>Cooling</b>	4x 60mmx38mm fans (per node)
<b>Drive Bays</b>	48x hot-swap 3.5" 12G SAS drive bays (SSD or HDD) 2x internal 2.5" 7mm for OS drive bays (SSD) 4x dual-port NVMe U.2 SSD days shared by 2 nodes	<b>Other Features</b>	Dedicated GbE for IPMI 2.0
<b>Network</b>	Each node 2x GbE ports, 1x GbE dedicated for IPMI	<b>Weight</b>	Chassis NET 80 lbs; Fully Loaded GROSS 152 lbs
<b>Power</b>	1+1 1600W AC/DC 80 Plus Platinum Redundant PSU Optional -48V DC input available upon request	<b>Dimension</b>	System: 39" x 19" x 7-1/4" (LxWxH) Packaging: 46"x 25.5"x18"(LxWxH)
<b>Tiering Storage</b>	Software Storage Operating System with Drive Tiering Capabilities Available to lower Total Cost of Ownership	<b>Logistic</b>	HTS Code: 8473 30 5100; ECCN: 4A994
		<b>Environmental</b>	Operating Temperature: 0°C to 35°C Non-Operating Temperature: -20°C to 70°C Humidity: 5% to 95% non-condensing
		<b>Compliance</b>	CE, FCC Class A, RoHS 6/6 compliant

## MODEL NUMBER

**SBS-448-D-0000-I-HDD** 4U 48 BAY HIGH AVAILABILITY DUAL XEON REV A. SAS BASED 3.5" DRIVE BAY DESIGN FOR SSD/HDD AND NVMe

