

SE1000-2123



SBB Enclosure

Applications

- Enterprise iSCSI

- Enterprise RBOD

- Secondary/Expansion Storage

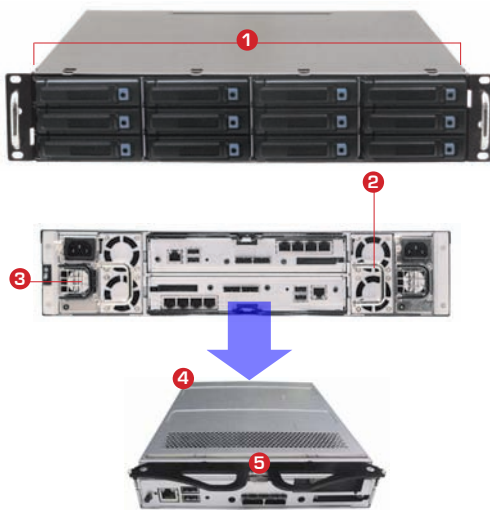
- High Availability Application Storage Server



Storage Bridge Bay enclosures (SBB) are ideal for high-availability storage and server appliances. This 2U 12bay enclosure is based on the SBB 2.0 specification supporting two personality canisters and 12x 6G (backplane support) SAS/SATA hard disk bays. It's the perfect appliance building-block for OEM/ODM and System Integrators.

Dimensions (W x D x H)
(with chassis ears/protrusions)

mm : 482.6 x 509 x 88.8
inches : 19 x 20 x 3.5



Features & Benefits

- 1 12x 6G SAS/SATA hard disk bays with lock
Individual HDD power on/off support (by controller)



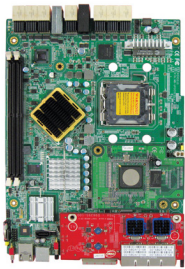


- 2 Hot-swap dual-40x56mm fan modules w/I2C monitoring

- 3 Hot-swap 500W 12V high-efficiency power supply module

- 4 150W personality canister - see canister options table

- 5 SBB 2.0 compliant tool-less latching

Personality Canister Options

RBOD - SAS/SATA	RBOD-FC - SAS/SATA	Application Controller		JBOD - SAS/SATA
				
3G	4G	3G	6G	6G



SPECIFICATIONS

Industry Standard : EIA-RS310D	
Materials : Heavy-duty preplated SPGC cold-rolled steel	
Cooling :	4 x 40x56mm fans
Power Supply :	AC-DC Full Range 500W High Efficiency 12V Output PSU Module
Controller : SBB 2.0 compliant controller options	
Temperature : 0°C(32°F) ~ 35°C(95°F)	
Humidity : 5%~95% non-condensing	
Gross Weight : 22kgs / 48.5lbs	
Packaging Dimension (W x D x H) :	mm: 595 x 685 x 255
Cubic Feet : 3.7	
Reference Container Loading :	20' 255
	40' 525
	40' H 635
Mid-plane :	2U 12bay 6Gbs SAS mid-plane
Mounting Options:	Standard: Adjust plate for 900-1100mm cabinet
	Optional: Slide rail for 900-1100mm cabinet

Ordering Information

Part Numbers	Descriptions
SSG-SBCHS-2123-SA2-A1	SBB 2U12 w/ SAS interposer w/o canister
SSG-SBCHS-2123-SS2-A1	SBB 2U12 w/ SATA interposer w/o canister
FRU Parts	
Part Numbers	Descriptions
SSG-SBCAN-00-A2	SBB Dummy canister
SSG-SBM-SA1R-A1	RBOD 3G SAS/SATA controller module
SSG-SBM-SA1FC4R-A1	RBOD 4GFC SAS/SATA controller module
PSG-SB-CCFPEUP0111	Perseus 3G Application controller module
PSG-SB-CCFORUP0110	Orion 6G Application controller module
SSG-SBM-SA2J-A1	JBOD 6G SAS/SATA controller module
HDT-G-SBBSAS-R	HDD tray w/SAS interposer
HDT-G-SBBMUX-R	HDD tray w/SATA interposer
FAN-4056-SD-MO-SBBS-R	4056 fan module
PSM-SR500E-Z2UG-R	Power supply module

SBB Enclosure Functional Block Diagram

