

Applications

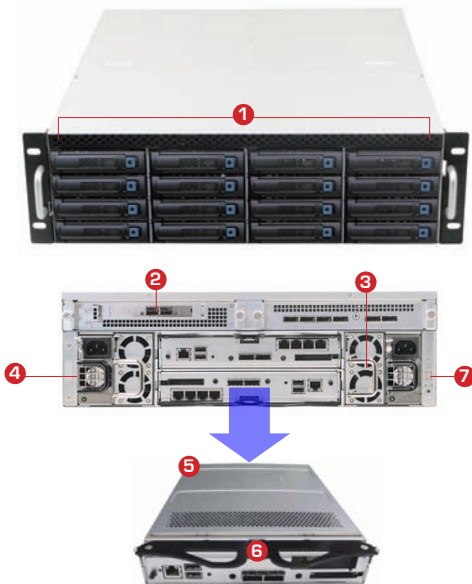
Enterprise iSCSI
Enterprise RBOD
Secondary/Expansion Storage
High Availability Application Storage Server



Storage Bridge Bay enclosures (SBB) are ideal for high-availability storage and server appliances. This 3U 16bay enclosure is based on the SBB 2.0 specification supporting two personality canisters and 16x 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 133.4
inches : 19 x 20 x 5.25



Features & Benefits

- 1 16x 6G SAS/SATA hard disk bays with lock
Individual HDD power on/off support (by controller)
- 2 Auxiliary slots, one per personality canister
- 3 Hot-swap dual-40x56mm fan modules w/I2C monitoring
- 4 Hot-swap 500W 12V high-efficiency power supply module
- 5 150W personality canister - see canister options table
- 6 SBB 2.0 compliant tool-less latching
- 7 7-segment LED for system status when using RBOD controller

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 + 2 x 40x28mm fans

Power Supply : AC-DC Full Range 500W High Efficiency
12V Output PSU Module

Expansion : Fan-out switch/PCIe x8 expansion module

Controller : SBB 2.0 compliant controller options

Temperature : 0°C(32°F) ~ 35°C(95°F)

Humidity : 5%~95% non-condensing

Gross Weight : 25.5kgs / 56.2lbs

Packaging Dimension (W x D x H) : mm: 770 x 582 x 342

Cubic Feet : 5.4

Reference Container Loading :	20'	175
	40'	350
	40' H	440

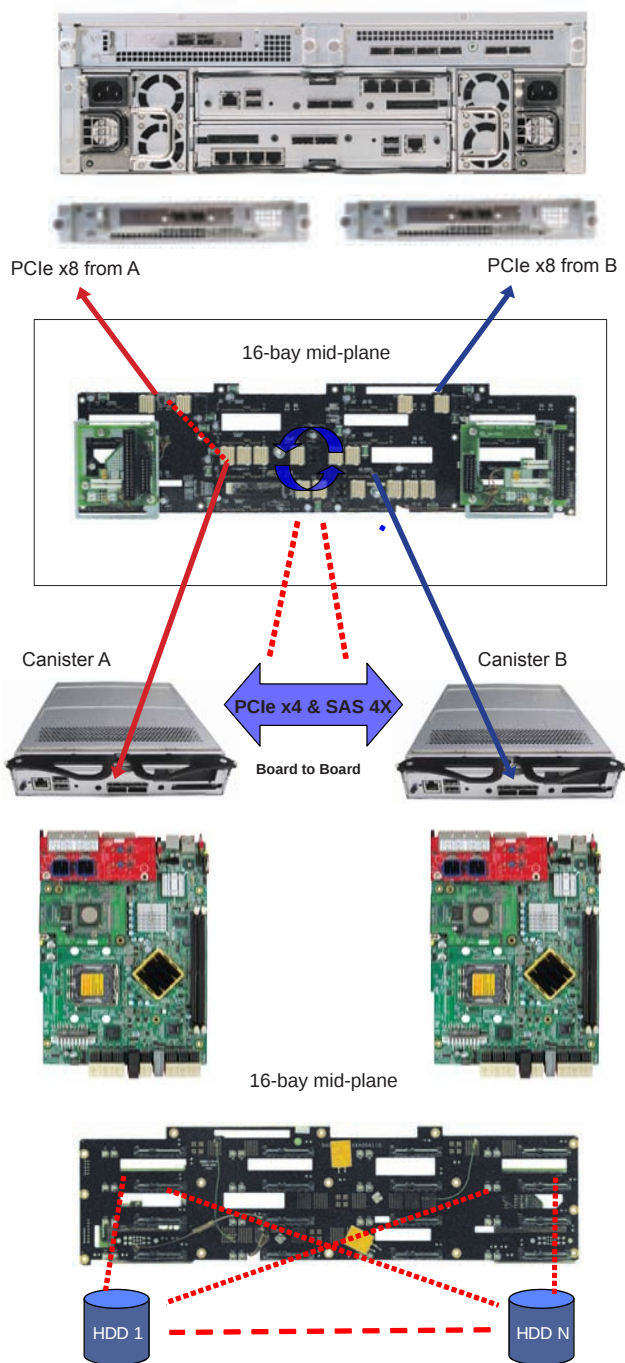
Mid-plane : 3U 16 bay 6Gbs SAS mid-plane

Mounting
Options : Standard: Adjust plate for 900-1100mm cabinet
Optional: Slide rail for 900-1100mm cabinet

Ordering Information

Part Numbers	Descriptions
SSG-SBCHS-3163-SA2-A1	SBB 3U16 w/ SAS interposer w/o canister
SSG-SBCHS-3163-SS2-A1	SBB 3U16 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
SSG-SBIOM-3U16SA	SAS fan-out switch module
PSG-MDL-PESPCIE110	PCIe 8x expansion 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
SSG-FAN-SUNGM1204PQV18A-R	Internal 4028 fan
PSM-SR500E-Z2UG-R	Power supply module

SBB Enclosure Functional Block Diagram



Auxiliary Canister Options

PCI Express	SAS Fan-Out Switch

Remark: All specifications and photos are subject to change without notice.

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