

# RAIDFLEX™ B6000 SAS JBOD Expansion



**RAIDFLEX B6000** SAS JBOD units enable **RAIDFLEX B6000** Open Storage Appliances to be expanded by daisy-chaining over the SAS bus to a maximum of 56 drives. They may also be used to expand RAIDFLEX A6000 Open Storage Appliances or indeed any third party host fitted with an LSI PCI HBA or RAID controller.

The result is high performance, capacity and flexibility. They currently support 73, 146, 300GB, 400GB and 450GB SAS drives and / or 250GB, 500GB, 750GB, 1TB and 1.5TB SATA drives.

## APPLICATIONS

- Clustering
- Server Applications
- Nearline Storage
- Virtual Tape Library
- NAS and / or iSCSI target
- Audio / Video Editing

## EXPANSION FOR

- B6000 Server Appliance
- A6000 Server Appliance
- Third Party Server (RAID / JBOD)

## COMMON FEATURES

- Single or dual SAS expanders
- Expandable to 56 drives
- Power switches
- HDD activity LEDs
- Hot-swap redundant power supply
- LSI and Accusys HBA / RAID approved

## B6212 JBOD FEATURES

- 2U, 12-bay optimal drive / rack capacity
- Two SAS up-ports per expander
- One SAS down-port per expander
- Fully redundant HA paths

## B6316 JBOD FEATURES

- 3U, 16-bay optimal price / disk capacity
- One SAS up-port per expander
- One SAS down-port per expander
- Redundant SAS paths



**B6212-sj:** 2U, 12-bay, single SAS expander

**B6212-rj:** 2U, 12-bay, single SAS expander

**B6316-sj:** 3U, 16-bay, dual SAS expander

**B6316-rj:** 2U, 16-bay, dual SAS expander

# RAIDFLEX™ B6000

## SAS JBOD Expansion



### SPECIFICATIONS

Common Features:			
<b>Material:</b>	Heavy-duty cold-rolled steel		<b>Indicators:</b> Power and HDD LEDs
<b>Finish:</b>	Body: zinc chromate Front: texture coat		<b>Humidity:</b> 5%-95% non-condensing
<b>Controls:</b>	Power and system reset		<b>Temperature:</b> 10°C (32°F)-50°C (122°F)
<b>Backplane:</b>	SAS 3.0 single or dual expander		
B6212 Specific Features		B6316 Specific Features	
<b>Dimensions:</b>	2U mm: 440 x 570 x 87 2U inches: 17.3 x 22.5 x 3.5		<b>Dimensions:</b> 3U mm: 440 x 570 x 130 3U inches: 17.3 x 22.5 x 5.25
<b>Weight:</b>	18.5kg / 41lbs		<b>Weight:</b> 19.5kgs / 43lbs
<b>Drive Bays:</b>	<b>External</b>	<b>3.5" Hot Swap</b>	12
<b>Drive Bays:</b>	<b>External</b>	<b>3.5" Hot Swap</b>	16
<b>Cooling:</b>	3 x 97mm hot-swap blowers		<b>Cooling:</b> 3 x 97mm hot-swap blowers
<b>Power:</b>	460W 1+1 hot swap redundant		<b>Power:</b> 460W 1+1 hot swap redundant

### ACCESSORIES

#### SATA DISKS

- 250GB 7200rpm Enterprise
- 300GB 7200rpm Enterprise
- 400GB 7200rpm Enterprise
- 500GB 7200rpm Enterprise
- 750GB 7200rpm Enterprise
- 1TB 7200rpm Enterprise
- 1.5TB 7200rpm Enterprise

#### SAS DISKS

- 73GB 15000rpm
- 146GB 15000rpm
- 300GB 15000rpm
- 400GB 15000rpm
- 450GB 1000rpm
- 750GB 7200rpm (Hybrid)
- 1TB 7200rpm (Hybrid)

#### SATA HBAS

- Accusys 61000 12-port PCIe SATA RAID
- Accusys 61000 16-port PCIe SATA RAID
- Accusys 61100 12-port PCIe SATA RAID
- Accusys 61100 16-port PCIe SATA RAID

#### SAS HBAS

- LSI 888ELP PCIe 8-port RAID
- LSI 3801e PCIe 8-port HBA
- LSI 3801X PCI-X 8-port HBA

