

# SB2200



## 2U Rugged High Density Storage Server 8 Hot Swap Removable Hard Drives

### Key Features

- Standard I/O chassis, 3 slot, positive pressure cooling with ball-bearing cooling fans
- 22" deep chassis designed for military and harsh industrial environments
- Active ATX motherboard architecture
- Minimum 700 watt AC auto-switching power supply
- Latest Intel and AMD processors
- (8) x 2.5" hot swap hard drive bays and (1) x notebook DVDRW
- MIL-STD-810G shock & vibration
- 10 Point Survivor Technology
- 0-50°C operating temperature

### Product Highlights

The SB2200 2U storage box provides a compact, versatile, rugged 2U platform offering high reliability for the most demanding applications.

Intel or AMD processor based architecture provides the highest performance available. Active motherboard CPU options enable maximum flexibility.

The SB2200 2U storage box is an extreme duty system designed for military operations, oilfield services, and a multitude of other rugged industrial applications. With a compact design that saves space and weight, the system offers great value and performance without the associated high cost. Designed and tested for high shock and vibration, the SB2200 provides complete protection for mission critical applications.



## Specifications

### CHASSIS

<b>Material</b>	.060" 5052-H32 aluminum (gold alodine)
<b>Front Panel</b>	.190" Alum black powder coat
<b>Indicators</b>	Power and drive LED's
<b>Controls</b>	Power ON/OFF, system reset, USB
<b>Dimensions</b>	(W x D x H) 19" x 22" x 3.47"

### SYSTEM BOARD

<b>Type</b>	Accepts standard ATX form factor motherboards. Three slots: (1) x PCIe x16 and (2) x PCIe x8
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### CPU

<b>Intel</b>	Latest Intel processor
<b>AMD</b>	Latest AMD processor

### COOLING

<b>Front</b>	(3) x 14 CFM ball-bearing fans
<b>Middle</b>	(2) x 14 CFM and (2) x 28 CFM ball-bearing fans
<b>Rear</b>	(3) x 28 CFM ball-bearing fans
<b>Front Filter</b>	Removable and washable

### POWER

<b>Power Supply</b>	700 watt auto-switching, 110/220 VAC,
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### RUGGEDIZATION

<b>System</b>	10 Point Survivor Technology
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### DRIVE BAYS

<b>Front Accessible</b>	(8) x 2.5" hot swap hard drive bays and (1) x notebook DVDRW
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### ENVIRONMENT

<b>Temperature</b>	0° to 50° C
<b>Humidity</b>	5% to 95% Non-condensing
<b>Altitude</b>	Up to 10,000 feet
<b>Vibration</b>	Method 514.6, Annex C, Category 4, Figure : 514.6C-1 and Table: 514.6C-II.
<b>Shock</b>	Method 516.6, Procedure 1 (20G,5ms)

#### MIL-STD-810G Shock and Vibration.

Note: System maintains an on-site environmental lab for shock and vibration testing. As an added benefit we can test the many different combinations for operating and non-operating profiles to meet transportation, airframe and shipboard applications.

### OPTIONS

Rack mount slide assemblies  
 Riser card PCI, PCIe, PCI-X configuration  
 Rear cable management system  
 Custom color and logo