



12 Half-Height Device Bay, 2 or 4 Power Supplies,  
7-U PC Server/RAID Universal Enclosure

With Support for:

- SCSI Narrow/Ultra-Wide Single
- Ended/Ultra-Wide Differential
- SCSI Ultra II LVD
- SCSI Ultra III LVD
- Fibre
- Storage Area Networks (SAN)

*FAULT DETECTION  
HOT-SWAP MAINTENANCE  
UNINTERRUPTED OPERATION*

- Attractive Rackmount Enclosure Designed for all RAID System Configurations
- Designed to House a Processor Board, Three 5.25 Inch Half-Height Bootable Devices, and Up to Nine 5.25 Inch RAID Array Drive Trays (3.5 Inch Drives)
- Processor Board Mounting is Designed to Accommodate Either Full / Baby ATX Motherboards or Passive Trenton Backplanes
- Three 5.25 Inch Upper Bays Can Be Used for Any 5.25 Inch Half or Full-Height Devices Such as: Controllers, Optical Disk Drives, Tape Drives, Hard Disk Drives, etc.—Uniformly or In Any Selected Combination
- Nine 5.25 Inch RAID Array Bays Can Be Used for Any 5.25 Inch Half or Full-Height Devices Such as: Controllers, Optical Disks Drives, Tape Drives, Hard Disk Drives, etc.—Uniformly or In Any Selected Combination
- Two 300W, Hot-Swappable, Redundant, Load Sharing Power Supplies (Optional Two 400W Power Supplies, or Four 230W Power Supplies Available)
- Two Hot-Swappable, Redundant, Dual Fan Assemblies (54CFM Each) and a Fixed Dual Fan Assembly in the Front (102CFM) Provide Ample Front-to-Rear Cooling - Fully Certified for 10k RPM Hard Disk Drives
- Quick-Disconnect Trays and Connectors Allow Quick and Easy Hot-Swappable Replacement of Drives, Power Supplies and Fans While System Remains Online
- System Status Visual Indicators and Audible Alarms for Individual Components - Drive Trays, Power Supplies and Fans
- Enclosure Security Provided by Key-Locked Front Door Allowing At-A-Glance Monitoring of System Status Indicators Through Front Window
- Quality All-Metal Construction and Agency Approved Components Ensure Compliance with UL, CSA, TUV, FCC, and RETMA Agency Standards
- Easy Access Design Allows for Quick and Easy Replacement of All Interior and Exterior Components
- Low Voltage Differential or Fiber Host Ports Available
- Storage Area Network (SAN) Ready
- Quality Product Made in the U.S.A. - Three Year Warranty



Note: Shown With Optional Controller and Drive Trays





**ELECTRICAL**

**AC Input Power**

Voltage 115/230VAC ± 15% (Switch Selectable)  
Frequency 47 to 63Hz  
Protection 10A/250V Fuse

**DC Output Power**

(Two Units - Load Sharing)  
Continuous 300W Each, 600W Total  
(400W Each, 800W Total optional)  
(230W Each, 920W Total optional)  
+5VDC 25A Each, 50A Total  
-5VDC .5A Each, 1.0A Total  
+12VDC 14A Each, 28A Total  
-12VDC 0.5A Each, 1.0A Total  
+3.3VDC 10A Each, 20A Total

**ENVIRONMENTAL**

**Temperature**

Operating 0 to 50° C  
Storage -25 to 80° C

**Humidity**

0 to 95%  
Non-Condensing

**Altitude**

Operating 0 to 10,000 Feet  
Storage 0 to 30,000 Feet

**PHYSICAL**

**Installation Dimensions**

19in. RETMA Rackmount Sides  
19in. w x 21.12in. d x 12.25in. h

**Weight**

70lbs Unpopulated

**CONFIGURATION**

**Trays**

Supports Up to Twelve 5.25 Inch Half-Height  
Devices (3.5 Inch Drives)

**Power Supplies**

Two 300W Power Supplies  
(Two 400W Power Supplies optional)

**RAID Controllers**

Supports RAID Controllers (5.25in.  
Full or Half-Height Form Factor)

**Mother Board**

Full or Baby ATX

**CONNECTOR LOCATIONS**

**Standard**

Four SCSI II/III  
Two DB-9

**Options**

Available

**COOLING**

Two 12VDC, 54CFM Rear Mounted Hot Swap Fan Modules  
Two 12VDC, 51CFM Front Fixed Mounted Fans  
Self Contained Fan Within Individual Power Supplies  
Self Contained Fan Within Individual Drive Trays  
All-Metal Construction Provides Superior Heat Dissipation

**ACCESS**

**Peripherals**

Keylock Protected Fast-Disconnect  
Trays - Hot-Swappable

**Power Supplies**

Mounted on Rear Panel, Secured by Captive  
Screws - Hot-Swappable

**Fans**

Mounted on Rear Panel, Secured by Captive  
Screws - Hot-Swappable Front Fixed Mounted -  
Through Top Cover

**Cabling**

Through Easy to Remove Top Cover, Secured by  
Captive Screws

**FAULT INDICATORS**

**Drive Power**

Green LED on Drive Tray

**Power Supplies**

Green LED on Front of Enclosure and Audible Alarm  
Two Green LEDs on Rear Panel Identifying  
Specific Failed Power Supply

**Fans**

Green LED on Front Panel and Audible Alarm

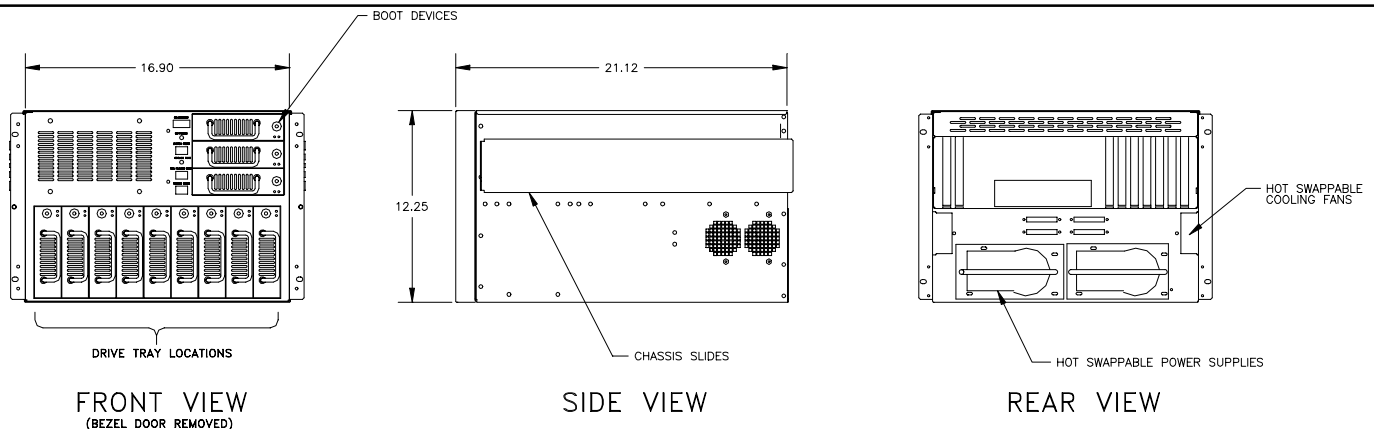
**ACTIVITY INDICATORS**

**Drives**

Amber LED on Front of Each Drive Tray

**ADDITIONAL OPTIONS**

Beige or Black (Custom Colors Available)  
Electrical Interlocks on Drive Trays  
Cache Battery Back-Up Kit  
OEM Logo Silkscreening  
Local/Remote Critical Component Monitor - Power Supplies,  
Fans, Environmental Temperature



arranty

