

# E1 CHASSIS

## ROBUST 1U ENCLOSURE

# RUGGED ENTERPRISE CLASS

SYSTEMS ENGINEERED TO PERFORM™



The E1 Series chassis is a high performance design in a low cost 2U rackmount enclosure. Feature rich, the E1 Series is a solid, robust design which will meet the most rigorous and demanding requirements. This chassis is ideal for high density I/O intensive applications.



### FEATURES

- 2U x 17.7 inch depth design
- Supports ATX (9.6x12") motherboard
- One 5.25 inch external drive
- One 3.5 inch external drive
- Three internal 3.5 inch drives
- Three 42CFM cooling fans
- Three I/O card slots
- Two front panel USB ports
- Optional riser cards supported

### SUPPORT

- Superior pre- and post-sales technical support
- All products carry a two year limited warranty

### CUSTOMIZATION

- Custom paint and logo available
- Custom chassis features to fit customer requirements
- Several fan options
- Turnkey Configured Systems to Customer Spec



The Original Industrial Computer Source®

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## E1 CHASSIS

The enclosure is constructed of 18 gauge steel, clear zinc plated for corrosion protection and an attractive appearance. The front panel is attractively detailed and is of heavier gauge than the chassis.

There is a huge amount of drive storage. The E1 provides for three 3.5 inch hard drives mounted internally. In addition, an externally accessible 5.25 inch and 3.5 inch drive may be installed. The drive cage and filler provide for several configurations.

The chassis is cooled by three high velocity 80mm 42CFM ball bearing fans which draw through a front accessible filter and provide positive air pressure to the chassis.

A door covers and protects the drives. Accessible behind the door are the power and reset switches as well as the power-on and drive activity LED's. The LED's are visible through the door when it is closed. Two USB connectors are provided at the front panel.

The E1 Chassis provides for mounting a standard ATX motherboard up to 9.6 x 12-inches. Three plug-in cards up to 10.2 inches long can be installed. Several riser card options are available.

### **Dimensions (W x H x D)**

19 x 3.5 x 17.7-inch (482.6 x 88.9 x 449.6mm)

### **Motherboard Mounting**

Accepts an ATX motherboard (9.6 x 12")

### **Front Door**

Fold-down with Captive Screws

### **Front Door Indicators**

Power LED  
HDD LED

### **Front Panel Controls/Connections**

Power on/off switch  
System reset switch  
Two USB connectors

### **Drive Capacity**

One 5.25-inch front drive bay  
One 3.5-inch front drive bay  
Three 3.5-inch internal drives

### **Cooling Fans**

Three 80mm 42CFM fans  
Air filter—1/4" Thick 30PPI  
Air filter mounted in front panel

### **Rear Panel Details**

3 Plug-in card slots  
Provision for 2U Power Supply  
Opening for I/O Shield (Shield not provided)

### **Power Supply**

Rear mounted  
2U Form factor  
Redundant and DC input options

### **Construction**

18 gauge cold rolled steel  
Clear zinc plated  
Riser card support bracket

### **Color**

Black  
Medium texture

### **Weight**

25-30lbs. representative system

### **Environment**

Operating and storage temperature, shock and humidity limits are dependant on installed components



