

# CHASSIS PLANS

## F9CHASSIS



### Advantages

- Compact 1U x 21.3 inch (407mm) design
- 150W to 460W ATX power supply supported
- One 5.25 inch and one 3.5 inch external drive bays and two 3.5 inch internal drive bays
- Three 15.3CFM center mounted fans and two 15.3CFM rear mounted fans

### Support

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

### Customization

- Various power options
- Custom paint and logo available
- Integrated systems available to customer specification



The Original Industrial Computer Source®

Chassis Plans · 8295 Aero Place · San Diego · CA · 92123  
 Phone (858) 571-4330 · Fax (858) 571-6146  
 saleseng@chassisplans.com  
 www.chassisplans.com  
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## F9CHASSIS

The F9 Series chassis is a high performance design in a low cost 1U rackmount enclosure. Feature rich, the F9 Series is a solid, robust design which will meet the most rigorous and demanding requirements. This chassis is ideal for high density server applications including collocation.

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 more than ample drive storage. The F9 provides for one external 5.25 inch drive, one external 3.5 inch drive, and two internal 3.5 inch drives or a combination of slimline CD and Floppy drives. In addition, two internal IDE/SATA/SCSI drive cages are provided. This drive combination is ideal for mission critical applications requiring high performance functionality.

With this drive combination, the F9 is ideally suited for use as a Web Server, Firewall Server, Proxy Server, VPN Gateway, DNS Server, ISP, Email Server, or a High-End Workstation.

A standard 1U rear mount power supply to 460W can be used. AC and DC input supplies are available.

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.

Cooling is provided by five fans, three center mount which provide cooling air and two rear mount which exhaust the air. Two optional center mount fans may be installed for high power system cooling. Higher CFM fans are also available.

The F9 Chassis provides for mounting a standard ATX motherboard 12 x 9.6 inches. One plug-in card can be installed using the included riser card.

### **System Integration**

Chassis Plans excels at providing integrated systems built to exact customer specification in a static-free environment.

## 1U CHASSIS



## F9CHASSIS

### Dimensions

19" (wide) x 1U 1.7" (high) x 21.3" (deep)

### Drive Capacity

One 5.25 inch drive - front accessible

One 3.5 inch drive - front accessible

Two 3.5 inch drives -internal

### Front Panel Controls

Power switch

System Reset switch

Power LED

Drive Activity LED

Switch and LED connectors are labeled at the connector end.

### Rear Panel Details

1 Plug-in card slot

ATX I/O Shield

### Cooling

Three center mounted and two rear mounted 40mm x 28mm 15.3CFM fans  
(higher CFM and additional fans optionally available)

### Power Supply

Not included. Accepts internal 1U supply.

Optional 12, 24 or 48VDC supplies available

### Motherboard Mounting

Standard 12 x 9.6 inch ATX motherboard

Motherboard adapter plate accommodates any motherboard

### Plug-in I/O Cards

Accommodates one plug-in I/O card

Includes 32-bit standard 5V PCI riser card

