

# CHASSIS PLANS

## F6CHASSIS



### Advantages

- Compact 1U x 17.7-inch (450mm) design
- 150W- 460W ATX power supply (1U form factor)
- One 5.25 inch drive, one 3.5 inch drive and one internal 3.5 inch hard drive or one slim FDD and one slim CD/DVD front accessible drives plus three 3.5 inch internal drives
- Two 8.6CFM front mount fans and three 7.0CFM side mount fans
- ATX 9.6 x 12 inch motherboard
- One I/O card

### 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 services available



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## F6CHASSIS

The F6 Series chassis is a high performance design in a low cost 1U rack-mount enclosure. Feature rich, the F6 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. Two drive configurations are possible. One configuration allows one external 5.25 inch drive, one 3.5 inch drive and one internal 3.5 inch hard drive.

The other configuration allows for one external slim FDD, one slim CD/DVD plus three internal 3.5 inch hard drives.

A door covers and protects the drives. Accessible behind the door is 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. A dual USB port is also provided behind the front door.

Cooling is provided by five fans, two 40x20mm (8.6 CFM each) in front and three 40x12mm (7.0 CFM each) in the rear.

The F6 Chassis provides for mounting a standard ATX motherboard up to 9.6 x 12-inches. One plug-in card can be installed using the included riser card.

## 1U CHASSIS



# SPECIFICATION

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## Dimensions

19" (wide) x 1U (1.7") (high) x 17.7(deep)  
Weight - 26 lbs / 12 kgs

## Drive Capacity

One 5-1/4" and one 3-1/2" drive (external) plus one internal 3-1/2" hard drive  
- or -  
One slim FDD, one slim CD/DVD plus 3 internal 3-1/2" hard drives

## Front Panel Controls

Power switch - Black momentary pushbutton w/ green LED  
Reset switch - Black momentary pushbutton  
Power LED - Green LED (in power switch)  
Drive Activity - Red LED  
Switch and LED connectors are labeled at the connector end.

## Rear Panel Details

1 Plug-in card slot  
ATX I/O Shield

## Cooling

Two 40x20mm 8.6CFM cooling fans at front panel  
Three 40x12mm 7.0CFM exhaust fans at right side rear

## Power Supply

Not included. Accepts 1U supply. Rear mounted.  
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

