

CHASSIS PLANS

F5CHASSIS



Advantages

- Compact 1U x 20.5-inch (520mm) design
- Front panel is open for easy access to front drives
- 150W- 460W ATX power supply (1U form factor)
- Two 5.25-inch and one 3.5-inch front accessible drive bays
- Removable rack ears for benchtop applications
- Two 40 x 20mm (7CFM ea) rear mounted fans included

Support

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

Customization

- Custom paint and logo services available
- Front panel includes an indicator for disk drive activity.



F5CHASSIS

The F5 Series chassis is a high performance design in a low cost 1U rackmount enclosure. Feature rich, the F5 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. Many different drives configurations are possible. One configuration allows one external 5.25 inch drive, external 3.5 inch drive, one internal 3.5 inch and one internal 2.5 inch drive.

The other configuration allows for two external 5.25 inch drives and one external 3.5 inch drive. The externally accessible drives are ideally suited for removable drive carriers.

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.

Cooling is provided by two fans with a third fan optional.

The F5 Chassis provides for mounting a standard EATX motherboard up to 12 x 13-inches. One plug-in card can be installed using the included riser card.

SPECIFICATION

Dimensions

19" (wide) x 1U (1.7") (high) x 23.6(deep)

Drive Capacity

Two 5-1/4 inch drive - front accessible or two internal 3.5 drives

One 3-1/2 inch drive - front accessible

One 2-1/2 internal drive

Front Panel Controls

Power switch - Black momentary pushbutton with 2 position .100 header for board connection

Reset switch - Black momentary pushbutton with 2 position .100 header for board connection

Power LED - green with 3 position .100 header for board connection

Drive Activity - Red with 2 position .100 header for board connection

Switch and LED connectors are labeled at the connector end.

Rear Panel Details

1 Plug-in card slot

ATX I/O Shield

Cooling

Five 40mm 8.9CFM fans with tach signal

Optional (40 x 20mm = 7CFM) fan

Power Supply

Not Included, accepts 1U supply.

Optional 12, 24 or 48VDC supplies available.

Motherboard Mounting

Standard 9.6 x 12 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



