

CHASSIS PLANS

F8CHASSIS



Advantages

- Compact 1U x 25.6 inch depth design
- Four hot swap drives - SATA, IDE, or SCA models
- Slim CD/DVD drive bay
- Slim Floppy drive bay
- Six 40mm fans
- EATX motherboard
- One I/O card slot
- Two USB ports on front panel
- Custom paint and logo available
- Integrated systems available

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



The Original Industrial Computer Source™

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F8CHASSIS

The F8 Series chassis is an ultra high performance design in a low cost 1U rack-mount enclosure. Feature rich, the F8 Series is a solid, robust design which will meet the most rigorous and demanding requirements. This chassis is ideal for drive intensive, space limited applications.

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.

The F8 provides for four front accessible hot swap 3-1/2" drives. Models for SATA, IDE and SCA drives are available. The front panel provides for one externally accessible slim CD/DVD and one slim floppy drive. The hard drives can easily be configured for a large RAID. The F8 is ideal for data intensive or mission critical applications.

The chassis is cooled by six 40mm 15CFM ball bearing fans. Air flow is in through the front. The fans are mounted mid-chassis to improve drive cooling.

A door covers and protects the drives. Accessible behind the door are the power and reset switches as well as the power-on, drive activity, LAN and fan failure LED's plus two USB extension ports. The LED's are visible through the door when it is closed.

The F8 Chassis provides for mounting a standard EATX motherboard up to 12 x 13 inches. One plug-in card can be installed. A variety of riser cards are optionally available for 32 and 64 bit slots.

Power supply options include AC and DC input power and a power supply up to 225mm long will easily fit.

1U CHASSIS



Dimensions

19" (wide) x 1U (1.75") (high) x 25.6" (deep)

Weight - 33lbs / 15 kgs

Drive Capacity

Four 3-1/5" hot swap drive carriers (SATA, IDE or SCA models)

One slim CD/DVD- front accessible

One slim Floppy - front accessible

Front Panel Controls

Power switch, Reset switch, Alarm reset switch, Power LED

Fan Failure LED's

4 * Drive Activity

LAN Activity

Two port USB extension connector

All switches and LEDs located behind front door

Rear Panel Details

1 Plug-in card slot

ATX I/O Shield

Cooling

Six 40mm 15CFM fans

Power Supply

Internal Mount 1U style 225mm max length

AC Supply - Zippy P1H, P1A, P1G or MPW form factor

DC Supply - Zippy B1U (24VDC) , D1U and DP1A (-48VDC) form factor

DC input power supplies require custom rear panel - contact the factory

Power supply not included

Motherboard Mounting

Standard EATX 12 x 13 inch motherboard

Custom rear panels available for non-standard motherboards

Plug-in I/O Cards

Accommodates one plug-in I/O card

Full length cards supported

Optional riser cards available for 32 and 64-bit operation

