

CHASSIS PLANS

D3CHASSIS



Advantages

- 3U x 25.6 inch depth design
- The D1 Chassis provides for mounting a standard ATX or EATX motherboard up to 12 x 13 inches
- Chassis can hold two front accessible 5-1/4" drive bays, 4 hot swap drive bays and two 3-1/2 inch drive bay
- Cooling is provided by three center mount 90mm 51CFM fans plus two 40mm exhaust fans.

Support

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

Customization

- Custom paint and logo services available
- Custom mounting brackets are available

Ordering Options

- D3CHASSIS-IDE (4) Front accessible IDE drive bays
- D3CHASSIS-SATA (4) Front accessible SATA drive bays
- D3CHASSIS-SCSI (4) Front accessible SCSI drive bays

D3 CHASSIS

The D3 Series chassis is a high performance design in a low cost 3U rackmount enclosure. Feature rich, the D3 Series is a solid, robust design which will meet the most rigorous and demanding requirements. This chassis is ideal for high density disk intensive web server, back office server, firewall, proxy server and VPN gateway 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 a huge! amount of drive space with the four hot swap drives, two front accessible 5-1/4" drive bays, two 3-1/2 inch bays and one internal 3-1/2 inch bay. Hot swap raid plus CD and tape is an evident configuration.

A door covers and protects the drives. Accessible behind the door is the power and reset switches. Visible through the door are the power, drive activity and alarm LED's.

Cooling is provided by three 90mm 51CFM hot swap fans blowing through the chassis plus two 40mm exhaust fans. A door mounted air filter provides clean cooling air and easy filter access. Fan operation is monitored by the alarm board.

The D3 Chassis provides for mounting a standard EATX motherboard up to 12 x 13 inches Seven full-length plug-in cards can be installed.

Power is provided by a 2U style power supply. Several power options are available including DC operation.

SPECIFICATION

Dimensions

19" (wide) x 3U (5.20") (high) x 25.6" (deep)

Drive Capacity

Four hot swap 3-1/2 inch drives

Two 5-1/4 inch drives - front accessible

Two 3-1/2 inch drive - front accessible

One 3-1/2 inch drive - internal

Front Panel Controls

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

Reset switch - black 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

Fan failure - green connected to alarm board

Switch and LED connectors are labeled at the connector end

Rear Panel Details

7 Plug-in card slot

ATX I/O Shield

One DB25 connector knockout

One SCSI connector knockout

Alarm board terminal block

Cooling

Three 90mm 51CFM fans, two 40mm 7CFM exhaust fans

Positive chassis pressure

Thermal Management Board

Monitors the following chassis parameters. Audible alarm sounded on system failure. Rear panel mounted terminal block for NO/N/C contact closure for external alarm.

- Fan operation
- Chassis over-temperature settable for 40, 50, 60 deg C alarm point
- Two remote chassis temperature probes
- Power supply operation
- Front panel indication of system alarm status

Power Supply

Rear mount style, power supply not included

AC Supply - Zippy P2U or P2G form factor

DC Supply - Zippy D2U form factor, 48VDC only available



SPECIFICATION (CONT.)

Thermal Management Board

Monitors the following chassis parameters. Audible alarm sounded on system failure. Rear panel mounted terminal block for NO/NC contact closure for external alarm.

- Fan operation
- Chassis over-temperature settable for 40, 50, 60 deg C alarm point
- Two remote chassis temperature probes.
- Power supply operation
- Front panel indication of system alarm status

Power Supply

Rear Mount 2U style

AC Supply - Zippy P2U or P2G form factor

DC Supply - D2U form factor, 48VDC only available

Power supply not included.

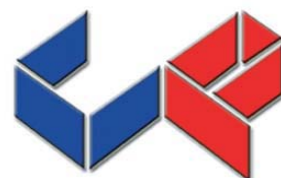
Motherboard Mounting

Standard 12 x 13 inch EATX motherboard

Motherboard adapter plate accommodates any motherboard

Plug-in I/O Cards

Accommodates seven plug-in I/O cards



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