

CHASSIS PLANS

B2000



Advantages

- Compact 5U x 26.4-inch (671 mm) design
- Locking front door provides drive security
- 300W- 460W ATX or dual redundant power supply
- Five front mount drive bays with four 5.25-inch and one 3.5-inch external drive bays
- Hold-down bar to secure installed feature cards
- Removable rack ears for benchtop applications
- Four 51CFM hot-swap internal fans with thermal management card installed along with removable air filter

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.
- Four 51CFM center mount fans provide positive air pressure inside of chassis while the front mounted filter keeps the air clean inside.



NEXT GENERATION SOLUTION..

B2000

The B2000 Series chassis is a high performance design in a low cost 5U rackmount enclosure. Feature rich, the B2000 Series is a solid, robust design which will meet the most rigorous and demanding requirements. This chassis is ideal for I/O intensive applications such as telephony, data acquisition, Digital Video Recording (DVR), high density 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 front accessible 5-1/4" drive bays. This allows for a low cost RAID implementation using SCSI or ATA drives. One external 3.5 inch drive is also available.

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 four fans 90mm 51CFM hot swap fans. Alternatively, three 120mm 90CFM fans can be installed. The fans provide tach signals for failure detection by the motherboard.

The B2000 Chassis provides for mounting a 20-slot passive backplane. A wide variety of backplanes are available offering different mixes of ISA and PCI slots. Depending on the CPU selection, up to 19 plug-in cards can be installed.

Power is provided by dual full-sized front accessible redundant supplies. Front accessibility of the power and drives means very low MTTR in the event of a component failure.

SPECIFICATION

Dimensions

19" (wide) x 5U (8.65") (high) x 26.4" (deep)

Drive Capacity

Five 5-1/4 inch drives - front accessible

One 3-1/2 inch drive - front accessible

Front Panel Controls

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

Reset switch - Four pushbuttons 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.

* Note: Four reset switches are provided for use with up to a 4 section segmented backplane.

Rear Panel Details

20 Plug-in card slot

Two DB9 connector knockouts

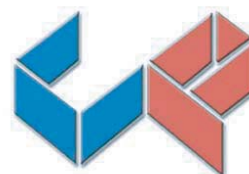
Cooling

Four 90mm 51CFM fans with tach signal

Positive chassis pressure

-- or--

Three 120mm 90CFM fans with tach signal



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SPECIFICATION CONT.

Power Supply

Front mounted redundant to 600 Watts

Not included. Accepts ARI style redundant power supplies.

Optional 12, 24 or 48VDC supplies available

Passive Backplane

20-Slot ISA/PCI accommodated

Available backplanes:

BP20ISA - 20 ISA slots

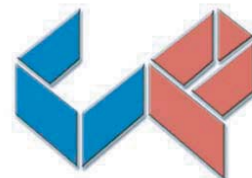
BP20ISA13PCI4 - 3 CPU, 13 ISA, 4 PCI

BP20ISAS4 - 20 ISA slots, Split 4 x 5

BP20S4 - Split 4x 2 CPU, 3 PCI

Plug-in I/O Cards

Depending on configuration, accommodates up to 19 plug-in I/O cards



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