

CHASSIS PLANS

C7000



Advantages

- 4U x 26.4 inch depth design
- Six 5.25 inch external drives
- One 3.5 inch external drive
- One internal 3.5 inch drive
- Two optional internal 3.5 inch drives
- Four hot swap 51CFM cooling fans
- EATX or ATX motherboard mounting
- Front panel includes an indicator for disk drive activity
- Various Power options

Support

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

Customization

- Custom paint and logo services available



CHASSIS
PLANS

The Original Industrial Computer Source™

NEXT GENERATION SOLUTION..

C7000

The C7 Series chassis represent the next generation of RAID capable server chassis providing high performance in a low cost 4U rackmount enclosure. Feature rich, the C7 Series is a solid, robust design which will meet the most rigorous and demanding requirements.

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 storage with the provided six front accessible 5-1/4 inch drive bays, one front accessible 3-1/2 inch drive bay, one internal 3-1/2 inch drive mounting and two optional internal 3-1/2 inch drives. Low cost drive carriers can be used to build a RAID instead of using expensive SCA SCSI drives.

A full width lockable door covers and protects the drives. Accessible behind the door is the power and reset switches. The drive and alarm LED's are mounted on the door.

A full width filter is provided behind the door and is easily accessed for cleaning. Cooling is provided by four 90mm 51CFM hot swap fans.

An alarm status board monitors fan operation and chassis temperature. An alarm is sounded and contact closure is available for an alarmed state.

The C7 Chassis provides for mounting an ATX motherboard. The C7000 Chassis accepts a 14-slot passive backplane. An innovative card hold-down mechanism assures cards stay seated in high-G environments such as shipping.

SPECIFICATION

Dimensions

19" (wide) x 4U (6.95") (high) x 26.4" (deep)

Drive Capacity

Six horizontal 5-1/4 inch half height drives - front accessible

One horizontal 3-1/2 inch x 1 inch drive - front accessible

One internal 3-1/2 inch drive mounted vertically

One optional internal 3-1/2 inch drive mounted vertically

The drive cages are suspended on anti-vibration mounts.

Front Panel Controls

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

Reset switch - four small black momentary with 2 position .100 header for board connection*

Power Supply Alarm - small black momentary with 2 position .100 header

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

Drive Activity - two green LED's with 2 position .100 header for board connection

Fan Status - two green LED's

System Fault - green LED

Switch and LED connectors are labeled at the connector end.

* Resets provided for up to 4 independant CPU's using a segmented backplane

Rear Panel Details

C7 - 7 Plug-in card slots

Knockouts for 2 DB9, 1 DB15, 1 DB25 and 1 SCSI connectors

C7000 - 14 Plug-in card slots

Knockouts for 2 DB9 connectors

Cooling

Four hot swap 90mm 51CFM fans

Positive chassis pressure

30PPI filter installed

Fan Options: thermister regulated fan speed

Alarm Board

Fan Operation

Chassis Temperature

Redundatn power supply failure

Power Supply

300W to 460W PS/2 style, not included

Optional redundant 300W to 460W available

Optional redundant 12, 24 or 48VDC supplies available



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