

CHASSIS PLANS

C5000



Advantages

- Compact 4U x 20-inch (508mm) design
- Locking front door provides drive security
- 300W- 460W ATX power supply
- Four drive mounts with three 5.25-inch and one 3.5-inch external drive mounts and optional one internal 3.5-inch bay
- Hold-down bar to secure installed feature cards
- Removable rack ears for benchtop applications
- Two 108CFM internal 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
- Front panel includes an indicator for disk drive activity.
- Two 108CFM front-mounted fans provide positive pressurization of chassis while the front mounted filter keeps the air clean inside.



NEXT GENERATION SOLUTION..

C5000

The C5 Series chassis represent the next generation providing high performance in a low cost 4U rackmount enclosure. Feature rich, the C5 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 more than ample drive storage with the provided three front accessible 5-1/4 inch drive bays, one front accessible 3-1/2 inch drive bay and an internal 3-1/2 inch drive mounting.

A lockable door with a plexiglas insert 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.

The left side of the chassis provides a large air filter behind another door for easy filter cleaning. Cooling is provided by dual 120mm fans.

The C5 Chassis provides for mounting an ATX motherboard. The C5000 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 (W x H x D)

17 x 7.0 x 20.1-inch (483 x 177 x 510mm)

Front Door

Locking front door

Front Panel Indicators

Disk activity LEDs - Front Panel Indicator

Front Panel Controls/Connections

System reset switch

Power on/off

System power LED

Disk Drive Activity LED

Drive Capacity

Three 5.25-inch and one 3.5-inch front accessible drive bays

Optional 3.5-inch internal drive bay

Cooling Fans

Two 108CFM fans

Air filter

Construction

18 gauge cold rolled steel

Hold-down bar 16 gauge cold rolled steel

Clear zinc plated

Color

Medium texture

Black: front door

Weight

18.0kgs/39.7lbs

Power Supply

AC Input

ATX-350-PS/2 @ 115/230VAC, 50/60Hz autosensing

ATX-400-PS/2 @ 115/230VAC, 50/60Hz autosensing

ATX-460-PS/2 @ 115/230VAC, 50/60Hz autosensing

(Mini Redundant and DC Supplies also available)

Operating Environment

Temperature

10° to 50°C (50° to 120°F)

Humidity

10 to 90% RHNC

Non-Operating Environment

Temperature

-40° to 60°C (-40° to -140°F)

Humidity

10 to 90% RHNC

Agency Approvals

FCC Class A (47 CFR Part 15, Subpart B)

UL 1950, 3rd edition

CE Conformity with:

EU EMC Directive 89/336/EEC

EU Low Voltage Directive 72/23/EEC

EN 61000-3-2 : 1995 Electromagnetic

Compatibility, Harmonic Emissions

EN 61000-2-3: 1995 Electromagnetic,

Compatibility, Voltage Flicker



