

# CHASSIS PLANS

## C6000



### 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 five 3.5-inch internal drive mounts
- Hold-down bar to secure installed feature cards
- Removable rack ears for benchtop applications
- Two 51CFM chassis fans to protect drives and feature cards

### 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 51CFM front-mounted fans provide positive pressurization of chassis while the front mounted filter keeps the air clean inside.



CHASSIS  
PLANS

The Original Industrial Computer Source™

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# NEXT GENERATION SOLUTION..

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## C6000

The C6 Series chassis represent the next generation of RAID capable server chassis providing high performance in a low cost 4U rackmount enclosure. Feature rich, the C6 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 three 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 five additional 3-1/2 inch drives in a RAID style layout.

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 a two easily accessible fans. Other fan options are available.

The C6 Chassis provides for mounting an ATX motherboard. The C6000 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

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## 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  
horizontal orientation, and five half-height 3.5-inch drive bays internal

## Cooling Fans

Two 51CFM 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

19.0kgs/41.8lbs

## 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



