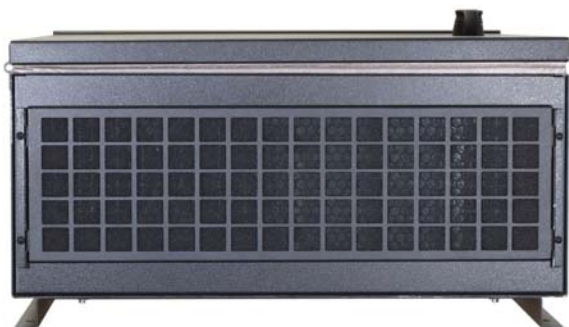
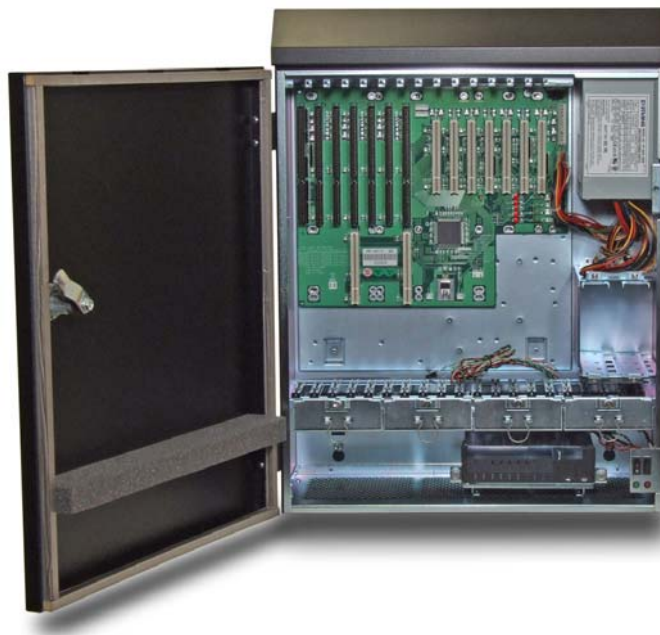


CHASSIS PLANS

W5000CHASSIS



Advantages

- Wall mount / bulkhead mount
- Two internal 3.5 inch hard drives
- One internal 5.25 inch drive tray
- Included slim CD/Floppy adapter bracket
- Four high flow 90mm hot swap cooling fans
- Passive backplane to 14 slots
- Universal card hold down system
- Locking door and I/O cover

Support

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

Customization

- Various power options including redundant
- Various front door LCD options
- Custom paint and logo available



The Original Industrial Computer Source™

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W5000CHASSIS

The W5000 Series Wallmount chassis represents the next generation in industrial computing enclosures providing high performance in a low cost rugged enclosure. Feature rich, the W5000 Series is a solid, robust design which will meet the most rigorous and demanding requirements. This is a ground-up design optimized for bulkhead and wall mounting. The W5000 is not a reworked rackmount design.

The W5000 is perfect for a wide variety of applications where an office style enclosure does not provide appropriate protection and a 19" rack is not available. The W5000 can be hung exposed on a wall in a factory, in a closet such as a security system, mounted in a Hoffman enclosure on a drilling rig, and so forth. When the door is closed, it does not look like a computer which has high appeal for theft and vandalism mitigation.

The enclosure is constructed of 18 gauge steel, clear zinc plated for corrosion protection and completely painted for an attractive appearance.

There is more than ample drive storage with the provided two internal 3-1/2" hard drive locations, and one front accessible 5-1/4" inch drive bay. Included in the 5-1/4" space is a slim floppy / slim CD/DVD adapter bracket.

A lockable door protects the installed components from prying hands. The door is sealed with fabric covered EMI gasket for both EMI and environmental sealing. The high quality locking compression latch sets the EMI gasket when the door is closed. Accessible behind the door is the power and reset switches as well as the power-on and drive activity LED's.

The top I/O cavity is protected by a removable cover which is locked in place when the door is closed. Conduit knockouts are provided on both sides of the chassis. Thus, attached cables are protected from access by unauthorized persons. With the door closed and locked, the W5000 becomes tamper-proof.

The bottom exterior of the chassis provides a large air filter mounted in an easily removed bracket for ease of cleaning. Access to the inside is not required for filter removal. Cooling is provided by 4 hotswap 90mm 49CFM fans. Several fan options are available for higher flow or quieter operation including adaptive temperature controlled fans.

The W5000 Chassis provides for mounting a passive backplane, up to 14 slots. An innovative card hold-down mechanism assures cards stay seated in high vibration environments such as shipping and when mounted on operating machinery.

Power supply options include standard PS/2 form factor, redundant hot swap and 12/24/48VDC input supplies. The system provides outstanding cooling so virtually any power requirement such as dual XEON can be accommodated in any environment.

Many options are available for the W5000 chassis including door mounted LCD/Control panels and door mount LCD displays to 17" 1024x1280 in vertical orientation. The W5000 is ideally designed for MOTS (Modified Off The Shelf) requirements. Chassis Plans specializes in custom and semi-custom designs optimized for customer requirements.



Dimensions

16.95" (wide) x 21.94" (high) x 8.64" (deep)
Weight 37.4 lbs.

Drive Capacity

Two internal 3-1/2" hard drive brackets

One internal 5-1/4" drive tray.

The 5-1/4" drive tray is standard with an adapter for a slip floppy and slim CD/DVD drive

Front Panel Controls

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

Reset switch - momentary 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 on the connector end

All controls and LED's are mounted behind the lockable door

Top I/O Wiring Cavity Details

14 Plug-in card slots

One 1/2" conduit knockout provided on each side of chassis

Cavity vertical height is 2.5" for I/O connectors and cables

Cooling

Four 90mm 49CFM fans

Fans are mounted in hot swap brackets w/ blind power connectors

Positive chassis pressure

30PPI filter installed on bottom exterior of chassis

Fan Options: thermister regulated fan speed, 3-wire tach signal, higher or lower flow rates

Power Supply

PS/2 Style supply

AC Input - Zippy HG2, HP2, PSM, PSL, AX2, SP2, LP2, MP2, SPE

Redundant AC Input - Zippy MRT, MRP, MRW, MRG,

DC Input - Zippy DB2 (24VDC), DD2 (48VDC), MB2 (24VDC), MD2 (48VDC)

Power supply not included

Passive Backplane

14-Slot ISA/PCI accommodated

Standard adapter plate accommodates most backplanes

Custom adapter plates are available for other backplanes

