

6-Slot Bench/Wall Mount Industrial Chassis



Introduction

The MCSI Model 9060 Industrial Bench/Wall Mount Chassis is ideally suited for users who require a ruggedized chassis for use in harsh, space conscious, unattended applications. Typical applications for the Model 9060 include factory automation, telecommunications, data acquisition, process control, medical instrumentation and intelligent terminals.

The Model 9060 includes an ISA compatible multilayer passive backplane designed to be used with standard plug-in CPU, display, and I/O adapter boards. The backplane supports up to six full length PC/AT or PC/XT plug-in boards. A card hold-down bracket insures that both PC/AT and PC/XT cards remain seated in high shock and vibration applications. The drive bay supports up to three half height or two full height 3.5" drive devices. Each drive is individually shock mounted for rugged applications. A 32CFM cooling fan with removable filter is provided for the main chassis and circuit board areas. The Model 9060 includes a 230 Watt switching power supply with an internal cooling fan and switch selectable 115/230 VAC operation.

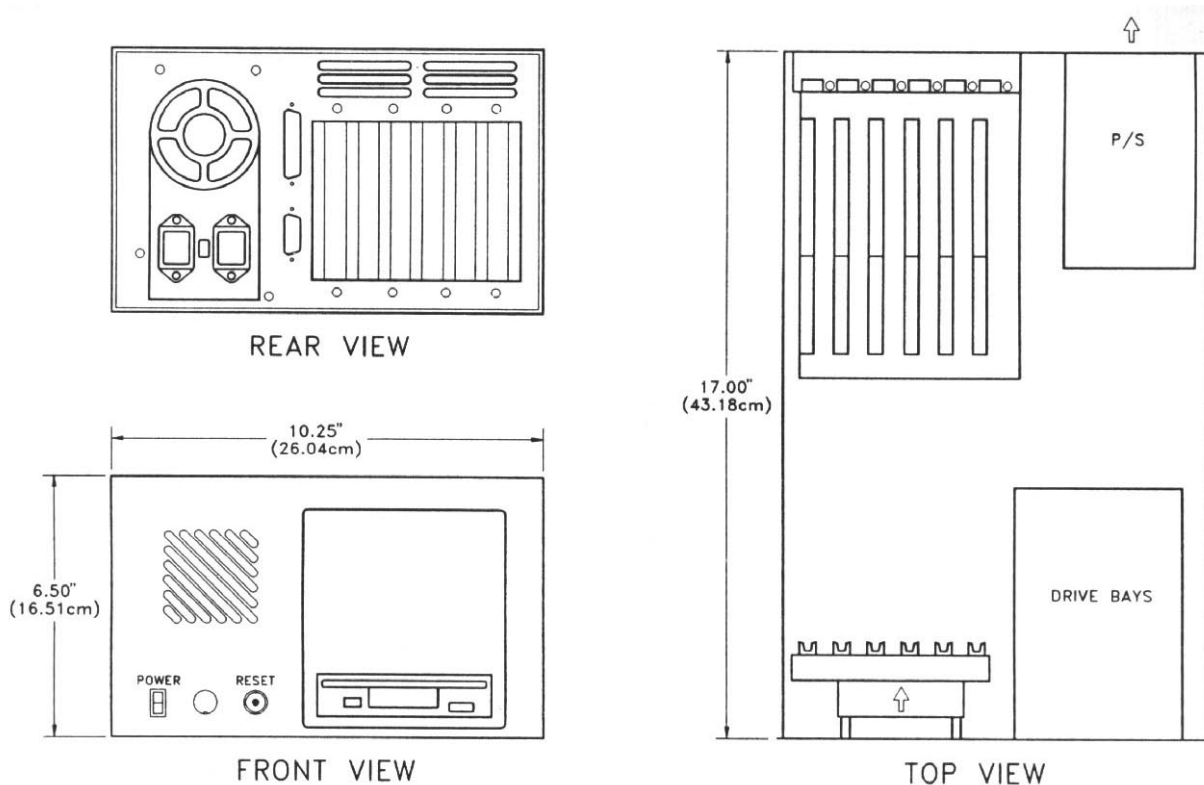
For flexibility, the Model 9060 chassis can be configured with any of the MCSI All-In-One full or half-sized CPU boards with or without disk emulation. The 16 gauge steel construction chassis minimizes EMI/RFI interference from surrounding equipment.

Features

- 6-Slot PC/AT Compatible Passive Backplane
- Supports Three 3.5" Floppy Disk Drives
- Individually Shock Mounted Drives
- Includes 32 CFM Cooling Fan with Removable Filter
- 230Watt Power Supply with Internal Cooling Fan
- 16 Gauge Reinforced Steel Construction
- Switch Selectable 115/230VAC Operation
- Bench Top or Wall Mount
- Front Control Panel Includes: Power Switch, Reset Switch, and Keyboard Connector
- Adjustable PCB Hold Down Clamps Accommodate Both PC/AT and PC/XT Board Heights
- Optional 5.25" Drive mounting
- Optional User Defined Front Panel
- Optional +24VDC or -48VDC Input 230W Power Supply
- Custom Colors and Logos Available

9060 Chassis

Technical Drawing



Power Supply

Power Supply: 250 Watt, AC
Input: 90 VAC to 265 VAC
Output: +5VDC@25A
-5VDC@0.5A
+12VDC@10A
-12VDC@0.5A
Safety Approvals: UL 1950 Dev.3
CSA 22.2 No.234
VDE 0871 Class 'B'
TUV EN60 950
EMI Requirements: FCC Class 'B'

Backplane Capacity

Supports 6 Full or Half-Size ISA/PCI Cards.

Drive Devices

(3) 3.5"

Temperature

Operating Temperature: 0°C to +70°C
Storage Temperature: -50°C to 85°C
Humidity: 5 to 95%, Non-Condensing

Weight

17.5lbs (8Kgs)

Dimensions

17.1"D x 6.5"H x 10.25"W.

Construction

16 Gauge Reinforced Steel.

MTBF

>100,000 Hours

Options

-48VDC Input / 250 Watt Power Supply
24VDC Input / 250 Watt Power Supply
115/230VAC / 300 Watt Power Supply

Ordering Information

The 9060 Chassis can be ordered in the following configurations:

71001	6-Slot Chassis, backplane, & 250W P/S
71050	6-Slot PCI Chassis, backplane (2ISA/1CPU/3PCI), & 250W P/S