

# ➤ 9301 Series

## ➤ Benchtop Compact-Rugged Chassis



The 9301 Series desktop or benchtop computer chassis combine small footprints with expansion capabilities equal to most rack mount systems. Three chassis sizes permit backplanes with six to 15 slots in ISA or ISA/PCI (PICMG) configurations. There's also a 9301 Series chassis for your ATX motherboard as well.

Both AC and DC power supplies are offered. The standard unit includes a 115/220VAC, 300W, universal power supply with a cooling fan that exhausts at the rear. You may also select a 48VDC mains power supply.

Each model provides at least two drive bays with front panel access. The six and ten slot models also have a third drive bay below the other two for internal hard disk mounting. The 15 slot and ATX chassis offer two 5.25-in. and two 3.5-in. bays with front panel access plus mounting for up to five more internal 3.5-in. drives.

In addition to the power supply module fan, all models include one, two or three 45CFM cooling fans with filters mounted at the front of the card cage.

The basic chassis has a small footprint for use on a desktop or benchtop. For more rigorous requirements, the units may be mounted on the floor or on a bulkhead with mounting brackets that replace the rubber feet on the bottom of the chassis.

The front panel controls include power supply and fixed disk activity indicators. There are also two LED indicators for an internal chassis temperature alarm and fan operation status. The rear panel provides multiple knockouts for mounting system connectors.

### Features of the 9301 Series:

- Durable, protective construction for benchtop applications
- 6, 10, and 15 slot backplane options using ISA, or ISA/PCI
- Baby AT or ATX motherboard mounting options
- 300W to 400W AC and -48VDC power options
- Up to 9 disk drives with vibration dampened mounting



## ➤ 9301 Series Technical Specifications

### Specifications

#### Mounting

- Benchtop, floor mount or wall mount with included brackets. (Note: Do not mount the 9301-15 or 9301-ATX models to walls without proper strapping.)

#### Backplane

- 9301-06x, 9301-10x, 9301-15x

#### Motherboard

- 9301-ATX

#### Bus

- ISA or ISA/PCI

### Disk Drive Capacity

#### Front Access

- -06 and -10 Models: One 3.5", one 5.25", shock mounted
- -15 and -ATX Models: Two 3.5", Two 5.25", shock mounted

#### Internal

- -06x and -10x Models: Single 3.5" drive bay, shock mounted
- -15x and -ATX Models: Up to five 3.5" low profile, shock mounted

### Cooling Fans (Front of card cage)

#### Front of Card Cage

- -06x: One 45CFM
- -10x: Two 45CFM
- -15x, -ATX: Three 45CFM

### Controls, Indicators, and Connectors

#### Front panel indicators

- Power on/off
- Disk activity
- Internal temperature warning
- Fan status warning
- Power supply status: +/-5VDC, +/-12VDC, +3.3VDC

#### Front panel controls

- Power switch
- Speaker volume adjustment
- Reset switch

#### Keyboard Connectors:

- backplane  
Rear panel DIN (AT) connector
- motherboard  
Dependent on motherboard selected

### Environment (AC Models only)

#### Temperature

- Operating: 0 ° to 40 °C
- Storage: -40 ° to 60 °C

#### Humidity

- Operating: 8 to 90% RHNC
- Storage: 8 to 90% RHNC

#### Altitude

- 10,000-feet (3,048m) pressure

#### Shock

- 10g, 3 axis

#### Vibration

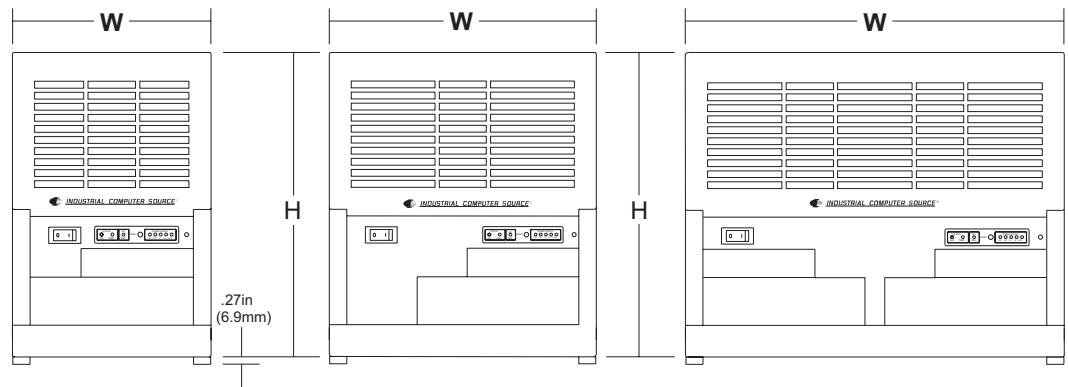
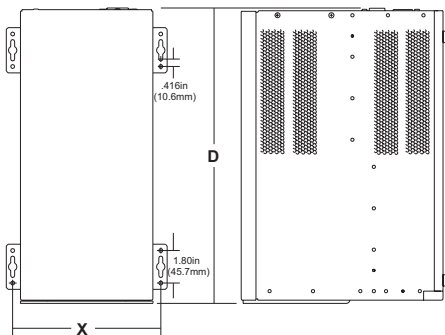
- 1.5g, 3 axis

#### Agency Approvals

- FCC Part 15, Class A
- UL recognized component
- CE Compliant: 73/23/EEC, EMC 89/336/EEC

### Chassis Dimensions: inches (millimeters)

Models	Configuration	W	X	H	D	Weight
9301-06	6-slot backplane	7.3-inch (185mm)	8.163-inch (207.34mm)	11.19-inch (284.2mm)	16.37-inch (415.8mm)	21.0lbs (9.26kg)
9301-10	10-slot backplane	9.88-inch (251mm)	10.743-inch (272.87 mm)	11.19-inch (284.2mm)	16.37-inch (415.8mm)	25.0lbs (11.34kg)
9301-15	15-slot backplane	14-inch (356mm)	14.863-inch (377.52 mm)	11.19-inch (284.2mm)	16.37-inch (415.8mm)	32.0lbs (14.51kg)
9301-ATX	ATX motherboard	14-inch (356mm)	14.863-inch (377.52 mm)	11.19-inch (284.2mm)	16.37-inch (415.8mm)	32.0lbs (14.51kg)



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