cPCIS-2501 Series

3U CompactPCI® 6-slot Cubic Chassis with CompactPCI® Power Module

Features

- Compact size, 4U enclosure for 3U CompactPCI® cards
- Side handle design for portable applications
- Stand feet on bottom side for desktop applications
- Versatile wall-mount application with mounting kit
- Standard PICMG® 2.11 47-pin modular power supply
- Bottom-access removable filter for easy maintenance
- Built-in efficient cooling system

Specifications

Standards
CompactPCI® 2.0 R3.0
Form Factor: For 3U CompactPCI® cards without rear I/O
Enclosure: Coated metal plate outer covering with aluminum framework

Cooling System
Bottom-access removable fans for intake:
12V DC brush-less, ball bearings
Two fans with 67.02 CFM/fan
Rated speed for each fan: 4500 RPM
Rated power for each fan: 6 W

Power Supply
Power backplane: cBP-3061
Supports single in-rack 3U cPCI 8HP power module
PICMG® 2.11 47-pin power interface
Available power module: cPS-H325/AC (250 W)
DC input models available for OEM programs

Backplane
cBP-3206: 6-slot 32-bit 3U cPCI Backplane

Chassis Partition
Five slots for peripheral cards
One slot for system module
One slot for 3U 8HP cPCI power module

Dimensions
221.4 x 237 x 177 (mm, W x D x H, w/o wall mount kit or stand feet)
253.1 x 237 x 177 (mm, W x D x H, with wall mount kit or stand feet)

Weight
4.5 kg/9.9 lbs (without SBC, PSU, with backplane)

Operating Temperature
0˚C to +60˚C

Storage Temperature
-20˚C to +80˚C

Humidity
5% to 95%, non-condensing

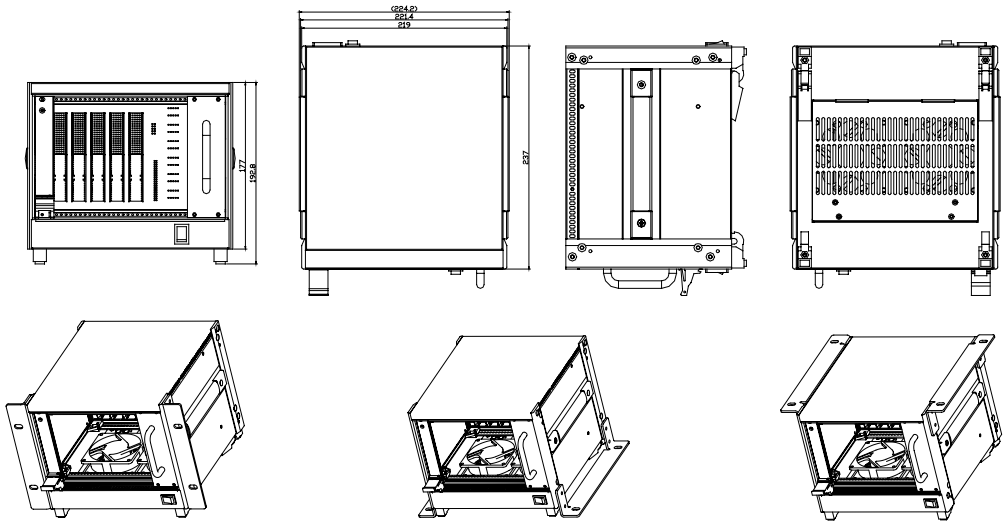
Shock
15 G peak-to-peak, 11 ms duration, non-operation

Vibration
Non-operation: 1.88 Grms, 5-500 Hz, each axis
Operation: 0.5Grms, 5-500 Hz, each axis, tested with 2.5” HDD

Safety or Certificate
CE/LVD

Dimensions

Units: mm



Wall mount on the front side

Wall mount on the bottom

Wall mount on the top

Ordering Information

- **cPCIS-2501/AC**
  3U CompactPCI® 6-slot Cubic Chassis with cPS-H325/AC

Note: All models above do not include any system or peripheral boards.