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)
- **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 Temp.
- 0˚C to 60˚C

Storage Temp.
- -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

Ordering Information
- **Model Number**: cPCIS-2501/AC
- **Description/Configuration**: 3U CompactPCI® 6-slot Cubic Chassis with cPS-H325/AC

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