

Ehlbeek 15a 30938 Burgwedel fon 05139-9980-0 fax 05139-9980-49

www.powerbridge.de info@powerbridge.de



# cPCIS-2501 Series

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

## **Features**

- Compact size, 4U enclosure for 3U CompactPCI<sup>®</sup> cards
- Side handle design for portable applications
- Stand feet on bottom side for desktop applications
- Versatile wall-mount application with mounting kit
- Standard PICMG<sup>®</sup> 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**

 $221.4\times237\times177$  (mm, W x D x H, w/o wall mount kit or stand feet)  $253.1\times237\times177$  (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

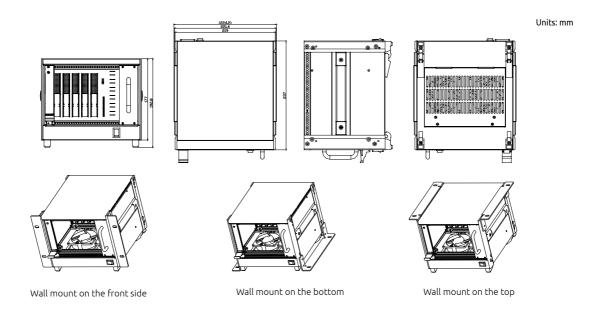
Non-operation: 1.88 Grms, 5-500 Hz, each axis

Operation: 0.5Grms, 5-500 Hz, each axis, tested with 2.5" HDD

## Safety or Certificate

CE/LVD

## **Dimensions**



# **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.

