



# V Rose Microsystems, Inc.

www.vrosemicrosystems.com

**VRM-CPCIS-2500**

## Product Data Sheet

### Overview:

- Compact size, 4U high 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

### Features:

#### **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 modules

PICMG 2.11 47-pin power interface

Available power module: cPS-H325/AC (250 W redundant each)

DC input models available for OEM programs

#### **Backplane Chassis Partition**

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

Five slots for peripheral cards

Three slots for system module

Two slots for three 3U 8HP cPCI power modules



#### **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° to 60°C

**Storage Temp.** -20° to 80°C

**Humidity** 5% to 95%, non-condensed

**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:

**VRM-CPCIS-2501/AC:** 3U CompactPCI 6-slot Cubic Chassis with VRM-CPS-H325/AC