



### Overview:

The **VRM-CR12-X** is a 19" Rackmount 4U high enclosure for 3U form factor CompactPCI support for up to 12 peripherals and one 32-bit system board. This enclosure uses three PICMG 2.11 47-pin redundant, front accessible PSU's increasing the up time of the system by providing easy maintenance and easy access to the components. This highly configurable enclosure allows for optional rear I/O module providing more flexibility to the system.



### Features:

- Standard 19" rackmount 4U high enclosure for 3U form factor CompactPCI
- Supports 12 peripheral slots and one 32-bit system slot
- Supports 2 PICMG 2.11 47-pin redundant Power Supply units
- Front plug-in power supply with redundancy design for easy maintenance and fault-tolerant applications
- Optional rear I/O configuration available

#### CHASSIS

- 6 slot for 3U 32-bit peripheral on Primary PCI bus
- 3 slot for system and bridge slots
- 6 slot for 3U 32-bit peripheral on Secondary PCI bus
- 6 slot for three 47-pin 3U redundant power supply units
- EMC blank panels for peripheral and system slots are optional

#### BACKPLANE

- PICMG 2.0 CompactPCI specifications R2.1 compliant
- 3U height, 84-HP (21slot) width
- Combine with *rear I/O transition board* to provide the PCI-to-PCI bridge for support total 12 peripheral I/O slots
- Support three PICMG 2.11 47-pin 3U CompactPCI power connector
- System slot support P2 rear I/O connector
- 10 layers PCB for accurate impedance control

### Ordering Options:

**VRM-CR12:** 4U height 13 slot 3U CompactPCI chassis

**VRM-CR12-R:** 4U height 13 slot 3U CompactPCI chassis, with rear I/O configuration

*SBC and front plugin CPCI power supply modules are not included*