



Overview:

The **VRM-C5-THR-03** is a 5-slot CompactPCI enclosure for rack or panel mounting. This 4U high enclosure provides five 6U card slots, and has a drive bay that can accommodate devices and peripherals such as floppy disk drives, hard disk drives and CD-ROM. The **VRM-C5-THR-03** has two cooling fans to provide forced cooling air in the system. The **VRM-C5-THR-03** provides redundant power supplies for mission critical applications.



Features:

- Five 6U card slots
- Supports front and rear I/O
- Supports H.110 CT bus
- Drive bay accommodates up to 4 devices
- Redundant power supply support
- Hot-swap compliant backplane
- Hot-swap fans
- Integrated intelligent fault detection and alarm module
- **Construction:** Aluminum frame and galvanized sheet steel
- **Drive bay:** Accommodates up to three 3.5" drives and one slim-type CD-ROM drive
- 6-slot space (24 TE), incl. four CompactPCI slots and one system slot
- "Hot swappable" platform complies with PICMG 2.1 R 1.0 Hot Swap Specification
- **Dimensions** (W x H x D, mounting flanges not included):
4U: 440 x 177 x 342 mm (17.3" x 7" x 13.5")
- **Weight:** 10 kg (22 lb)
- **Operating temperature:** 0 ~ 50° C (32 ~ 122° F)
- **Storage temperature:** -20° C ~ 60° C (-4 ~ 158° F)
- **Relative humidity:** 10 ~ 95% @ 40° C, non-condensing
- **Operating altitude:** 0 ~ 3,048 meters (0 ~ 10,000 feet)

- **Storage/transit altitude:** 0 ~ 12,190 meters (40,000 feet)
- **Shock:** 10 G (operating); 30 G (storage/transit)
- **Random vibration:** 1.0 Grms (operating)

Hot-swap Fans

- **Air flow:** One 86-CFM fan (front), one 15-CFM fan (rear)
- **Power consumption:** 0.45 A @ 12 V, 0.09 A @ 12V
- **Rated fan speed:** 2170/4500 rpm
- **Life expectancy:** 50,000 hours @ 25° C

Power Supply

- **Input:** 90 ~ 264 @ 47 ~ 63 Hz, switchable
- **Output:** +3.3 V @ 22 A, +5 V @ 30 A, +12 V @ 13 A, -12 V @ 1.0 A
- **Minimum load:** +3.3 V @ 0.3 A, +5V @ 2 A, +12 V @ 0.5 A
- **Max output:** 300 W + 300 W redundant, 160 W for 5 V and 3.3 V
- **MTBF:** 100,000 hours @ 70% load
- **Safety:** UL/CUL/CE