



Conduction Cooled PMC Compact Flash Module

Mass Storage Modules
For your demanding applications!



**Model RRTP-FAxxG-CF-CC
Conduction Cooled
Compact Flash Module**

Utilizes CompactFlash Solid
State Drives SSD.

Capacity of up to 32GB in a
single PMC slot.

Ruggedized for extreme
temperature, shock and
vibration environments.

Red Rock Technologies' PMC CompactFlash drive module:

- Conduction cooled for extreme temperature environments.
- Ideal for rugged higher shock & vibration environments.
- PCI 32-bit data at 33MHz/66Mhz.
- High density solid state mass storage within the PMC slot.
- Utilizes CompactFlash SSDs.
- 3.3V and 5.0V PCI interface compliant.
- VxWorks®, Linux and Windows® drivers available.
- Removable CF drive option available.
- Front panel activity LEDs

SPECIFICATIONS

Conduction Cooled PMC Compact Flash Module Specifications

Capacity:	up to 32GB
Interface	
• Compliant with PCI Specification, revision 2.2.	
• Single PMC Slot form factor.	
• Compliant with ATA/ATAPI-6 PIO Mode 4 transfer rates.	
• 3.3V and 5V PCI interface compliant.	
• PCI 32-bit data at 33MHz or 66MHz	
Sector Size:	512 Bytes
Power: +5 VDC (+/- 5%)	0.7A Max.
Environment:	
Ambient Temperature	
Operating	-40° to 85° C
Non-operating	-40° to 85° C
Relative Humidity	
Operating	8% to 95% non-condensing
Shock	1000G per MIL-STD-810F
Vibration	16G peak to peak
Altitude	
Operating	80,000 feet
Reliability	
MTBF for base module	Estimated 500,000 hours @ 25° C
MTBF for onboard drives	Estimated 4,000,000 hours @ 25° C
Mechanical:	
PMC Form Factor	Single slot PMC.
Weight:	4.5 oz. Max.
Electrical Rating:	Designed to meet UL requirements.

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