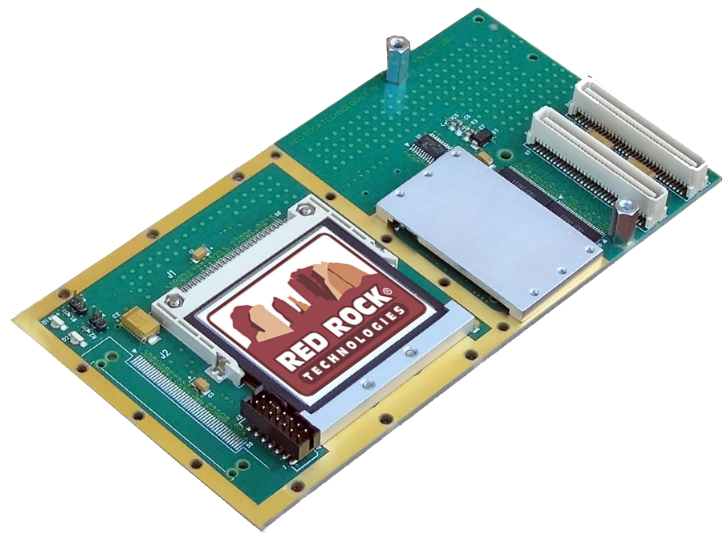




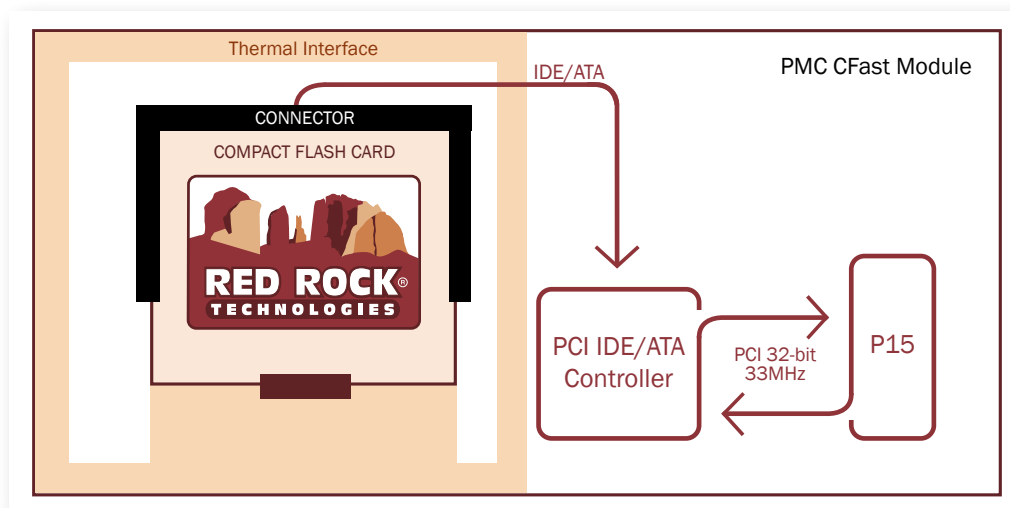
RRT-PMC-CF-F-C PMC Compact Flash Module: Conduction Cooled

THE PMC COMPACT FLASH MODULE: CONDUCTION COOLED is a PMC mezzanine storage module with a PCI ATA/IDE controller that supports one fixed compact flash. Provides boot drive and/or disk storage for VPX, VME, CPCI, and ATCA single board computers (SBCs) with a PMC slot.

- PMC PCI 32-bit data at 33MHz/66MHz
- Capacities up to 512GB
- Conduction cooled
- Wide range of COTS Compact Flash options
- Compact Flash drive secured by rugged retainer clip
- Compatible with all SBCs with a PMC slot
- Meets XMC VITA 42 height requirements
- 3.3V and 5V PCI interface compliant
- Compact Flash with write protect switch available
- Front panel activity LEDs
- VxWorks, Linux, and Windows driver support
- ROHS compliant



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Ordering Information

PMC Compact Flash Module: Conduction Cooled

RRT-PMC-CF-F-C- X - UR

Options May be left blank

Conformal Coating
 UR Polyurethane
 AR Acrylic

Extended Temperature Range
 X -40°C to 85°C

ORDER EXAMPLES

RRT-PMC-CF-F-C-UR
 RRT-PMC-CF-F-C-AR-X

Compact Flash Drive

RRT-CF- SLC - 512GB - X - WP

Options May be left blank

Write Protect
 WP Write Protect

Extended Temperature Range
 X -40°C to 85°C

Capacity
 2GB - 64GB SLC
 8GB - 512GB MLC

NAND Flash Type
 SLC Single Level Cell
 MLC Multi Level Cell

ORDER EXAMPLES

RRT-CF-MLC-512GB
 RRT-CF-SLC-60GB-X
 RRT-CF-MLC-128GB-WP



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Product Specifications

PMC COMPACT FLASH MODULE: CONDUCTION COOLED

PERFORMANCE	
CAPACITIES	Up to 512GB
PMC INTERFACE	PMC PCI 32-bit data at 33MHz per IEEE 1386-2001
PMC INTERFACE SPEED	5 MB/s
COMPACT FLASH INTERFACE	ATA/ATAPI-6 PIO Mode 4 transfer rates
SECTOR SIZE	512 bytes
RELIABILITY	
MTBF - PMC MODULE ¹	3 million hours
POWER	
WATTS (ACTIVE)	2.5 W
ENVIRONMENTAL	
OPERATING TEMP., VITA 47 CLASS	0 °C to 70 °C
EXTENDED OPERATING TEMP., VITA 47 CLASS ²	-40°C to 85°C
STORAGE TEMP.	-40°C to 85°C
RELATIVE HUMIDITY	5% to 95% non-condensing
SHOCK, VITA 47 CLASS	40g, 11 millisecond terminal sawtooth pulse
VIBRATION, VITA 47 CLASS	0.1g ² /Hz
PHYSICAL	
FORM FACTOR	PMC
WEIGHT	3.2 oz. (91g max)
NOTES	
(1) Telcordia SR-322, Issue 3, operating temp (40C), electrical stress (50%), environmental factor (1.0).	



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