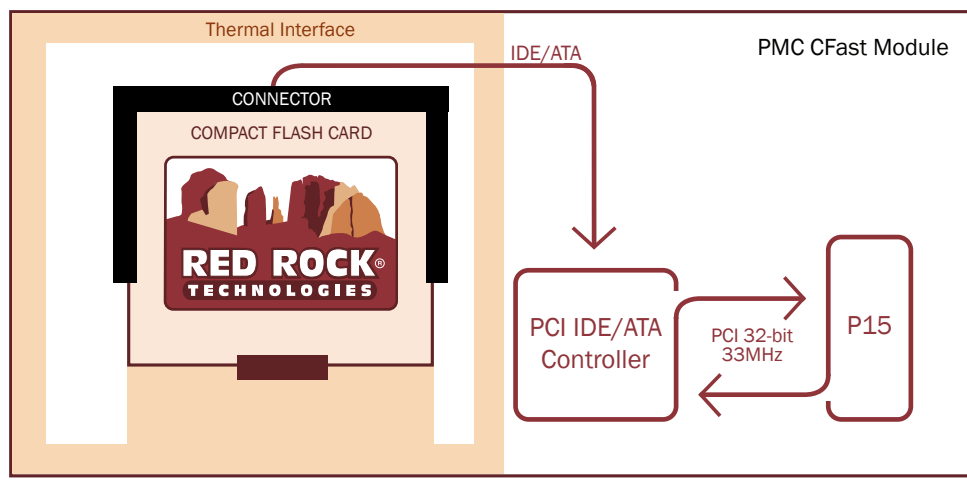




# RRT-PMC-CF-F-C PMC Compact Flash Module: Conduction Cooled

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



# 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
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#### 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
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#### Extended Temperature Range

X	-40°C to 85°C
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#### 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



# 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 <sup>1</sup>	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 <sup>2</sup>	-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 <sup>2</sup> /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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