



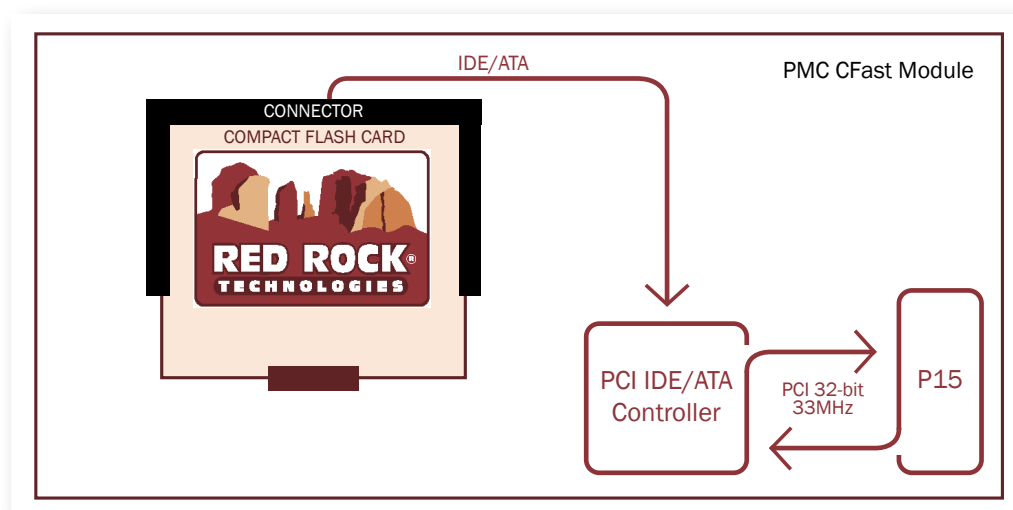
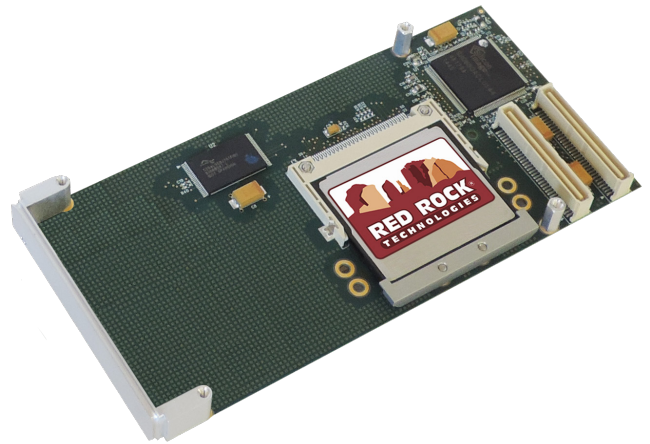
RRT-PMC-CF-F-A

# PMC Compact Flash Module: Air Cooled

**THE PMC FIXED COMPACT FLASH MODULE: AIR 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 PMC Slot.

- PMC PCI 32-bit data at 33MHz per IEEE 1386-2001
- Transfer rates up to 133 MB/s
- Capacities up to 512GB
- Air 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 PMC IEEE 1386-2001 height requirements
- 3.3V and 5V PCI interface compliant
- Compact Flash with write protect switch available
- Front panel activity LEDs
- ROHS compliant



# Ordering Information

## PMC Compact Flash Module: Air Cooled

RRT-PMC-CF-F-A-UR

### Options May be left blank

#### Conformal Coating

UR	Polyurethane
AR	Acrylic

#### ORDER EXAMPLES

RRT-PMC-CF-F-A-UR  
RRT-PMC-CF-F-A-AR

## Compact Flash Drive

RRT-CF-SLC - 512GB - WP

### Options May be left blank

#### Write Protect

WP	Write Protect
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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-6  
RRT-CF-MLC-128GB-WP

# Product Specifications

## PMC COMPACT FLASH MODULE: AIR COOLED

### PERFORMANCE

CAPACITIES	Up to 512GB
PMC INTERFACE	PMC PCI 32-bit data at 33MHz per IEEE 1386-2001
PMC INTERFACE SPEED	133 MB/s
COMPACT FLASH INTERFACE	IDE/ATA
SECTOR SIZE	512 bytes

### RELIABILITY

MTBF - PMC MODULE <sup>1</sup>	3 million hours
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### POWER

VOLTAGE	+5V +/- 5%; Voltage 3.3 +/- 0.3V
WATTS (IDLE)	1.2 W
WATTS (ACTIVE)	2.5 W

### ENVIRONMENTAL

OPERATING TEMPERATURE	0 °C to 70 °C
STORAGE TEMPERATURE	-40 °C to 85 °C
ALTITUDE	80,000 ft. (24,000 meters)
RELATIVE HUMIDITY	5% to 95% non-condensing
SHOCK	20g, 11 millisecond terminal sawtooth pulse
VIBRATION	0.04g <sup>2</sup> /Hz 100 Hz to 1000 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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