

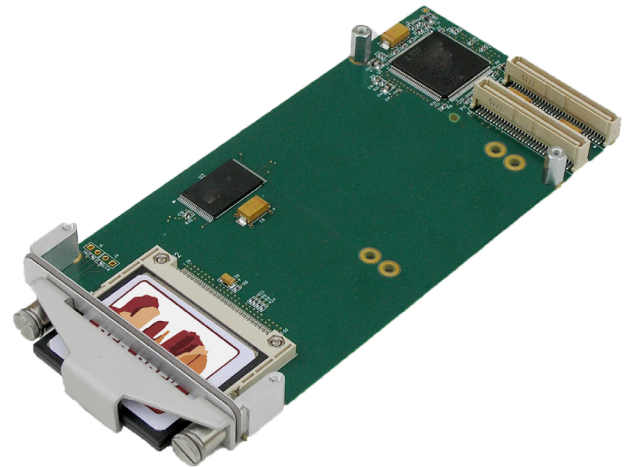


RRT-PMC-CF-R-A PMC Removable Compact Flash Module: Air Cooled

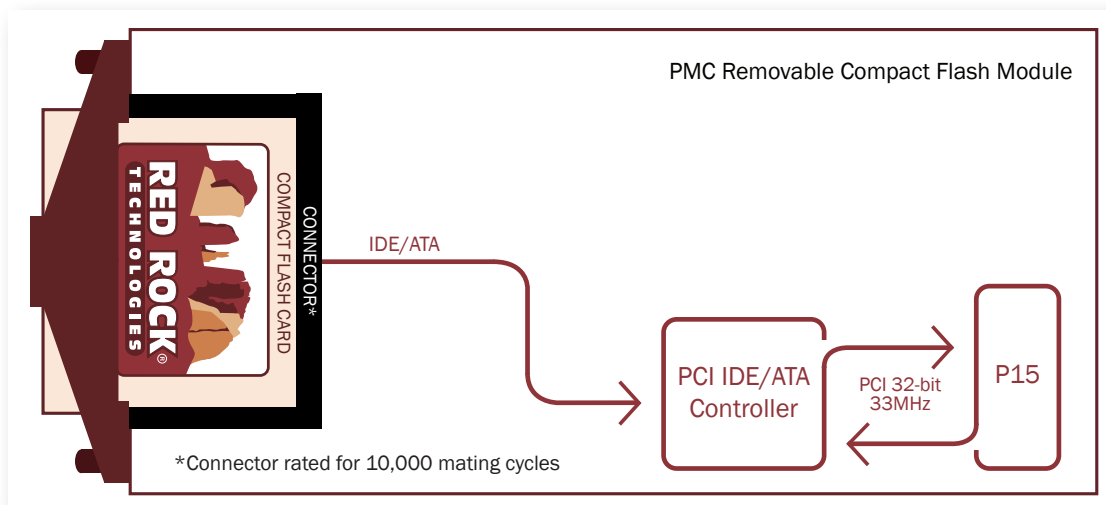
THE PMC REMOVABLE COMPACT FLASH MODULE: AIR COOLED is a mezzanine storage module with a PCI ATA/IDE controller that supports one removable Compact Flash.

Provides boot drive and/or disk storage for VPX, VME, cPCI and ATCA single board computers (SBCs) with PMC Slot. The Compact Flash connectors are rated for 10,000 mating cycles to support frequent insertions/removals.

- PMC PCI 32-bit data at 33MHz per IEEE 1386-2001
- Transfer rates up to 133 MB/s
- Compact Flash capacities up to 512GB
- Compact Flash connectors rated for 10,000 mating cycles
- Air cooled
- Wide range of COTS Compact Flash options
- Compact Flash 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
- VxWorks, Linux, and Windows driver support
- ROHS compliant



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Ordering Information

PMC Removable Compact Flash Module: Air Cooled

RRT-PMC-CF-R-A- **UR**

Options May be left blank

Conformal Coating

UR	Polyurethane
AR	Acrylic

ORDER EXAMPLES

RRT-PMC-CF-R-A-UR
RRT-PMC-CF-R-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



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Product Specifications

PMC REMOVABLE 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 ¹	3 million hours
POWER	
VOLTAGE	+5V +/- 5%; Voltage 3.3 +/- 0.3V
WATTS (IDLE)	1.2 W
WATTS (ACTIVE)	2.5 W
ENVIRONMENTAL	
OPERATING TEMP., VITA 47 CLASS	0 °C to 70 °C
STORAGE TEMP.	-40 °C to 85 °C
ALTITUDE	80,000 ft. (24,000 meters)
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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