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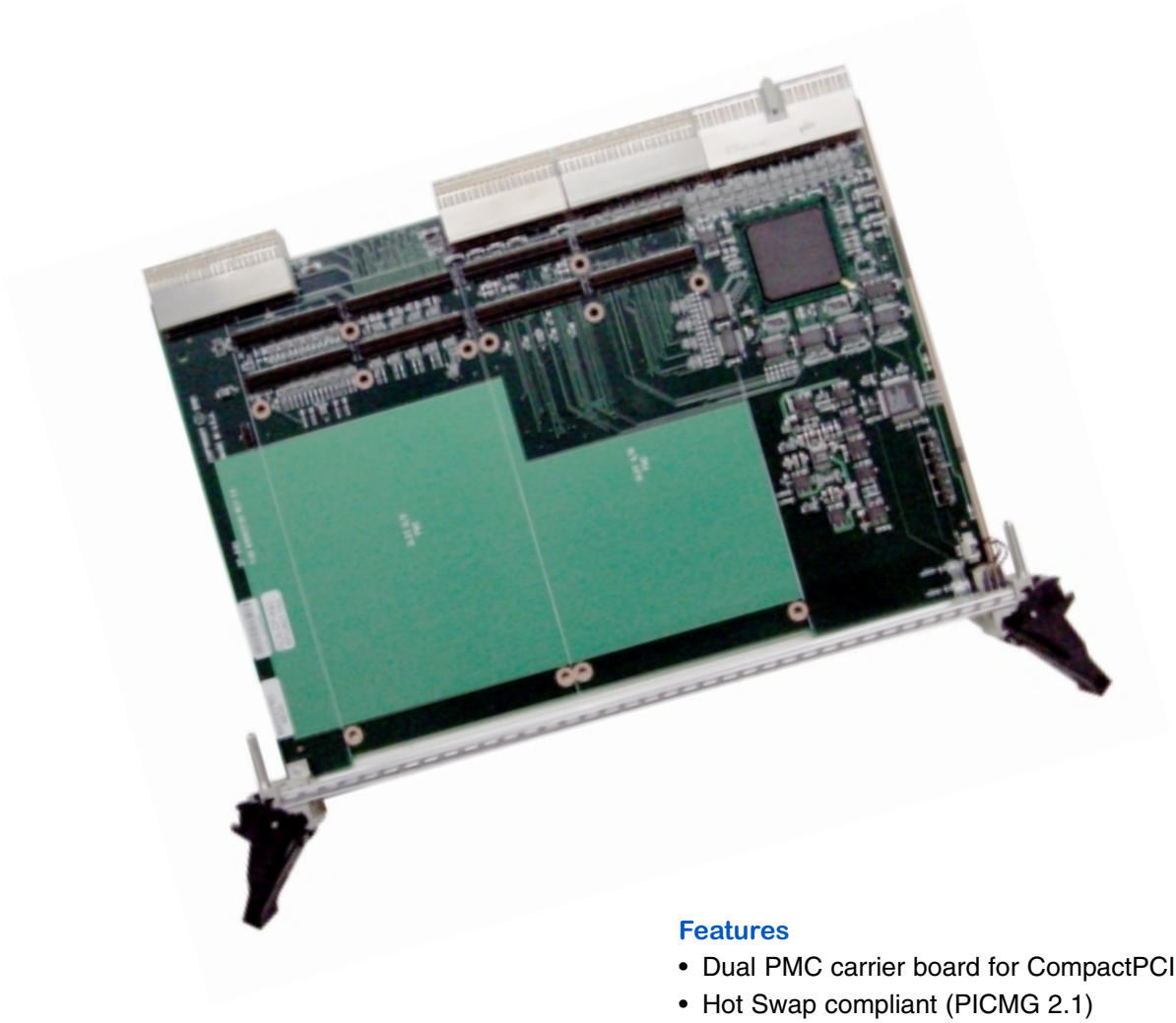
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Find the *Rastergraf / Peritek PMB-C* at our website: *Click HERE*

PMB-C

Dual PMC to CompactPCI Adapter Board



Features

- Dual PMC carrier board for CompactPCI
- Hot Swap compliant (PICMG 2.1)
- 33/66 MHz, 64-bit PCI Bus Interface
- Intel 21154-BC PCI-to-PCI bridge
- Front/Rear Panel I/O for both PMC sites
- Supports 5V or 3.3V PMC signals
- Supports PMC module PCI bus mastering

Applications

- Eases debugging of PMC boards
- Provides multi-function slot capability with two PMC sites
- Ideal for deploying Peritek PMC graphics solutions

The PMB-C

The PMB-C is a dual PMC-to-CompactPCI 6U adapter board. It enables up to two 32-bit or 64-bit PMC (PCI Mezzanine Card) modules to be plugged into a standard CompactPCI slot. Front and rear I/O is supported from both PMC sites.

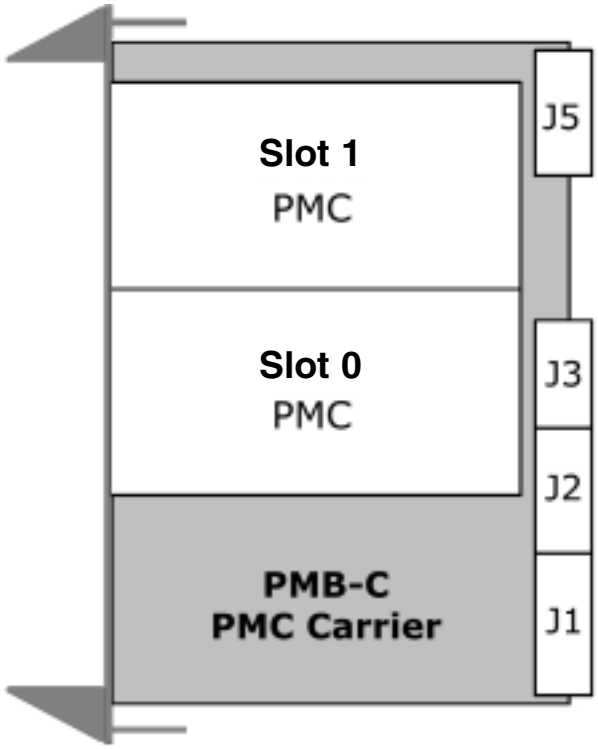
The PMB-C supports Hot Swap (PICMG 2.1). It features a transparent 32/64-bit, 33/66 MHz Intel 21154-BC PCI-to-PCI bridge for up to 512 MB/s operation. The board is fully compliant with the PCI Local Bus Specification, Revision 2.1

The board supports 5V PCI or 3.3V PCI signaling for the PMC sites via a user-selectable jumper. Status LEDs are provided for both Power (green) and Hot Swap (blue).

The PMB-C is the latest addition to Peritek's family of CompactPCI and PCI carrier cards. For applications requiring use of a single PMC board, Peritek offers the PMA-C, a 3U PMC-to-CompactPCI adapter, and the PMA-P PMC-to-PCI adapter cards.

Product Specifications

Form Factor	6U CompactPCI
PCI Compatibility	Revision 2.1, PCI 64
CompactPCI Compatibility	PICMG 2.0 R3.0
Hot Swap Compatibility	PICMG 2.1, R1.0
PMC Compatibility	IEEE 1386
PMC Connectors	J1, J2, J3, J4
CompactPCI Connectors	J1, J2, J3, J5
PCI Bridge	Intel 21154-BC 32/64-bit, 33/66 MHz
LEDs	Board Power - Green Hot Swap Status - Blue
CompactPCI Interface	6U Hot Swap, 33/66 MHz, 32/64-bit, master/slave
Environment	
Operating temperature	0°C to 70°C
Storage temperature	-40°C to +85°C
Humidity	5% - 95% non-condensing
Power Requirements	+3.3V ±5%, 0.6 A (Max.), plus additional power consumed by PMC(s) on carrier
Dimensions	233 mm x 160 mm
Weight	0.28 kg (10 oz.)



Slot	Module	Front Panel I/O Location	Front Panel I/O Location	Bus Master
0	PMC	on module	J3	Yes
1	PMC	on module	J5	Yes

Ordering Information

Standard Configurations:

PMB-C
6U Dual PMC-to-CompactPCI adapter board, PMC connectors, JTAG connector, indicator LEDs.

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