

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 Rastergraf 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

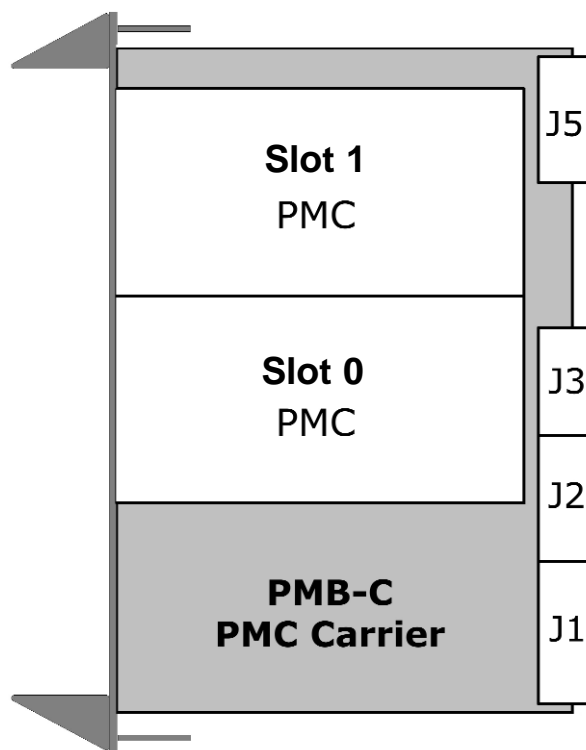
The board supports 5V PCI or 3.3V PCI signaling for the PMC sites via a user-selectable jumper. Status LEDs are provided for both Power (green) and Hot Swap (blue).

Rastergraf's carrier product line includes passive (unbridged) single PMC slot carriers for PCI (PMA-P) and CompactPCI (PMA-C). Rastergraf also makes active (bridged) carriers: the PMB-P, a single PMC slot for PCI, and the PMB-C, a dual-PMC site for CompactPCI.

Please check our web site for more information:
<http://www.rastergraf.com>.

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 1386-2001. 3.3V or 5V VIO Jumpers MUST BE specified at order time
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.)



Ordering Information

Standard Configurations:

PMB-C

6U Dual PMC-to-CompactPCI adapter board, PMC connectors, indicator LEDs. 5V Local PCI/PMC bus signaling.

PMB-C/33

6U Dual PMC-to-CompactPCI adapter board, PMC connectors, indicator LEDs. 3.3V Local PCI/PMC bus signaling.

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

Important Notices:

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