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Features

- Interfaces Two PMC Modules in a Single 6U CompactPCI Slot
- Front or Back Panel I/O Support for Both PMC Sites
- Supports PCI Bus Master Modules

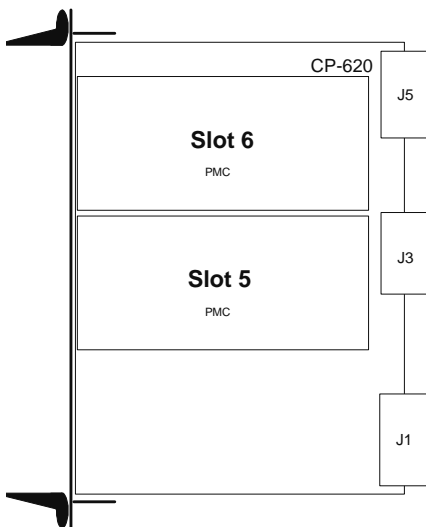
The CP-620 mezzanine carrier board holds two PMC modules with front or rear-panel I/O support in a single 6U CompactPCI slot. The CP-620 carrier board is ideal for use in high performance industrial, COTS, and telephony CompactPCI systems that require I/O expansion using the PMC module form factor.

Using the industry standard Intel 21152 PCI-to-PCI Bridge, the CP-620 supports a 32-bit data path at 33 MHz, for 132 MB/s operation. The PMC sites support bus mastering.

The CP-620 carrier board complies with the PICMG 2.0, version 3.0 CompactPCI specification.

CP-620 Specifications

Form Factor	6U CompactPCI
PCI Interface	33 MHz, 32 bit, CompactPCI, PICMG 2.0, version 3.0 compliant
PCI Bridge	Intel 21152
Number of PMC Module Sites	Two, 5V Signaling
Front panel I/O	Both Sites
Rear panel I/O	Both Sites
Dimensions	233 mm x 160 mm
Weight	0.31 kg (0.69 lb)
Power Requirements	+3.3 VDC, 90 mA max (Additional power consumed by modules.)
Environmental	Operating temperature: 0 to 70°C Humidity: 5 to 95% non-condensing Storage: -40 to +85°C



Slot	Module	Front Panel I/O Location	Back Panel I/O Location	Bus Master
5	PMC	On module	J3	Yes
6	PMC	On module	J5	Yes

Ordering Information

CP-620

Dual PMC Mezzanine Carrier Board for 6U CompactPCI

Custom versions of this product can be created with additional specialized PCI devices built onto the carrier. Front and rear panel I/O space is available.



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