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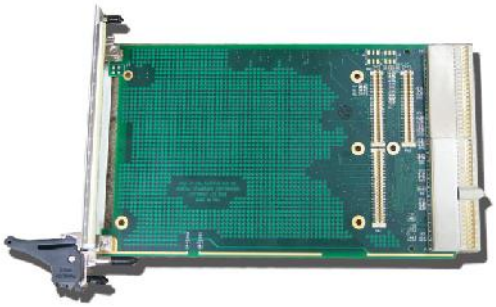
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General Standards Corporation

High Performance Bus Interface Solutions

cPCI to PMC Adapter



Features

- **Supports both 32/64 bit PCI Bus (optional)**
- **Supports both 3.3v and 5v PCI Signaling**
- **Supports both 33Mhz and 66Mhz PCI Bus**
- **Optional PXI Configuration available**
- **Field-alterable configuration features**
- **Adapts a single-width PMC form factor to cPCI (3U or 6U)**

PCI Compatibility:

Conforms to PCI Specification 2.3, with 33/66MHz, D32/64 and universal signaling 5/3.3 Volt.

Physical Parameters

PCI Mechanical Characteristics (Adapter)

Height: 15.0 mm (0.59 in) *board and adapter combined.
Depth: 160 mm (6.60 in)
Width: 100 mm (3.80 in)

Environmental Specifications

Ambient Temperature Range:	Operating: 0 to +65 Degrees Celsius inlet air Storage: -40 to +85 Degrees Celsius
Relative Humidity:	Operating: 0 to 80%, non-condensing Storage: 0 to 95%, non-condensing

Ordering Information

Specify the product model number followed by an option suffix "-X-X-X", as indicated below. Unless otherwise specified, the Adapter is preassembled as: cPCI to PMC Adapter-0-64-3U).

Optional Parameter	Value	Specify Option As:
PXI Trigger connectivity to PMC connectors.	without	-0
	with TRIG 0-3	-1
	with TRIG 4-7	-2
PCI Bus Width.	32/64bit	-64
	32bit only*	-32
Bracket Height.	3U	-3U
	6U	-6U

* The -32 option omits the PXI features.

PXI Features:

This product allows a PMC module to connect to the PXI Trigger signals via the cPCI backplane. Connections can be made by use of the external connectors J1 and J2 (always wired)or through the unused pins within the PMC connectors(optional connectivity). The wiring is shown below.

External Connectors J1 & J2:		**PMC Connectors PN1 & PN2: (optional)**
J1.1 – PXI TRIG 0	J2.1 – PXI TRIG 4	PN1.41 – PXI TRIG 0 or 4
J1.2 – PXI TRIG 1	J2.2 – PXI TRIG 5	PN1.42 – PXI TRIG 1 or 5
J1.3 – PXI TRIG 2	J2.3 – PXI TRIG 6	PN2.10 – PXI TRIG 2 or 6
J1.4 – PXI TRIG 3	J2.4 – PXI TRIG 7	PN2.34 – PXI TRIG 3 or 7
J1.5 – GND	J2.5 – GND	
J1.6 – GND	J2.6 – GND	

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