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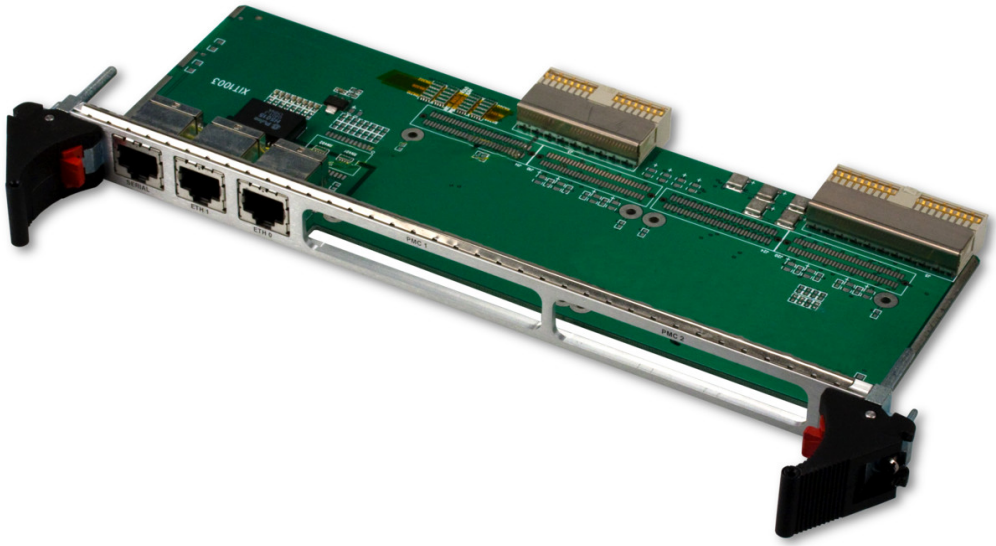
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Find the *Extreme Engineering Solutions XIT1003* at our website: ***Click HERE***

XIt1003

6U cPCI Transition Module For PMC I/O Modules

- 6U cPCI Rear Transition Module (VITA 46.10)
- Supports breakout of two PICMG 2.16 Gigabit Ethernet ports
- Supports two PMC I/O Module (PIM) interfaces to route PMC I/O out the rear panel
- One RS-232 RJ-45 interface



XIt1003

The XIt1003 is a 6U cPCI transition module that hosts two PIM interfaces and supports backplane I/O for several devices in X-ES' product line.

The XIt1003 supports two PIM interfaces to bring P14 I/O from two PMC modules out the rear panel. The PIM interfaces can support all standard PMC I/O modules.

The transition module also breaks out PICMG 2.16 Gigabit Ethernet ports via RJ-45 connectors. Isolation on the Ethernet signals is a configurable option.

X-ES Extreme Engineering Solutions

...Always Fast

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PIM Support

- Supports two PMC I/O Module (PIM) interfaces

6U Backplane I/O Support

- Two PICMG 2.16 Gigabit Ethernet ports via RJ-45 connectors

Physical Characteristics

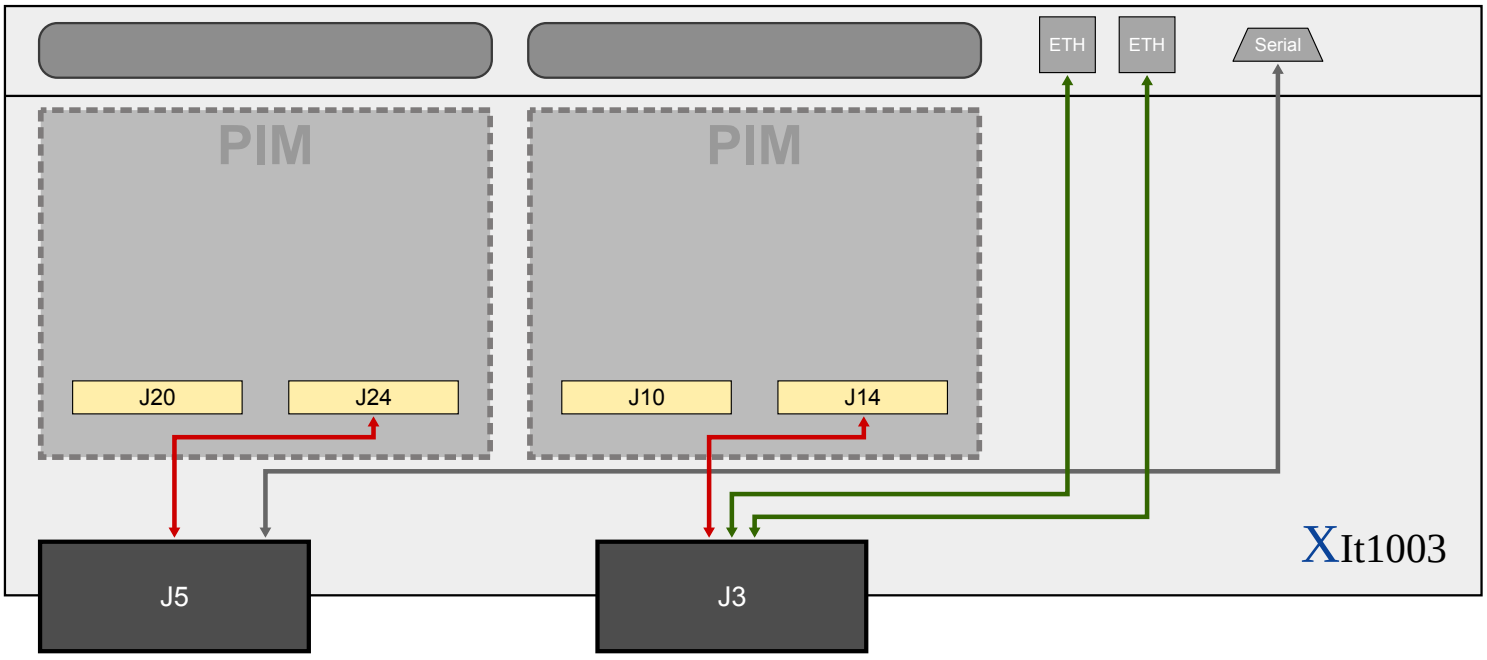
- 6U cPCI
- Mechanically compliant to PICMG 2.0
- Dimensions: 233.35 mm x 80 mm

Environmental Requirements

Contact factory for appropriate board configuration based on environmental requirements.

- Supported ruggedization levels (see chart below): 1
- Conformal coating available as an ordering option

Ruggedization Level	Level 1	Level 3	Level 5
Cooling Method	Standard Air-Cooled	Rugged Air-Cooled	Conduction-Cooled
Operating Temperature	0 to +55°C ambient (300 LFM)	-40 to +70°C (600 LFM)	-40 to +85°C (board rail surface)
Storage Temperature	-40 to +85°C ambient	-55 to +105°C ambient	-55 to +105°C (maximum)
Vibration	0.002 g²/Hz (maximum), 5 to 2000 Hz	0.04 g²/Hz (maximum), 5 to 2000 Hz	0.1 g²/Hz (maximum), 5 to 2000 Hz
Shock	20 g, 11 ms sawtooth	30 g, 11 ms sawtooth	40 g, 11 ms sawtooth
Humidity	0% to 95% non-condensing	0% to 95% non-condensing	0% to 95% non-condensing



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