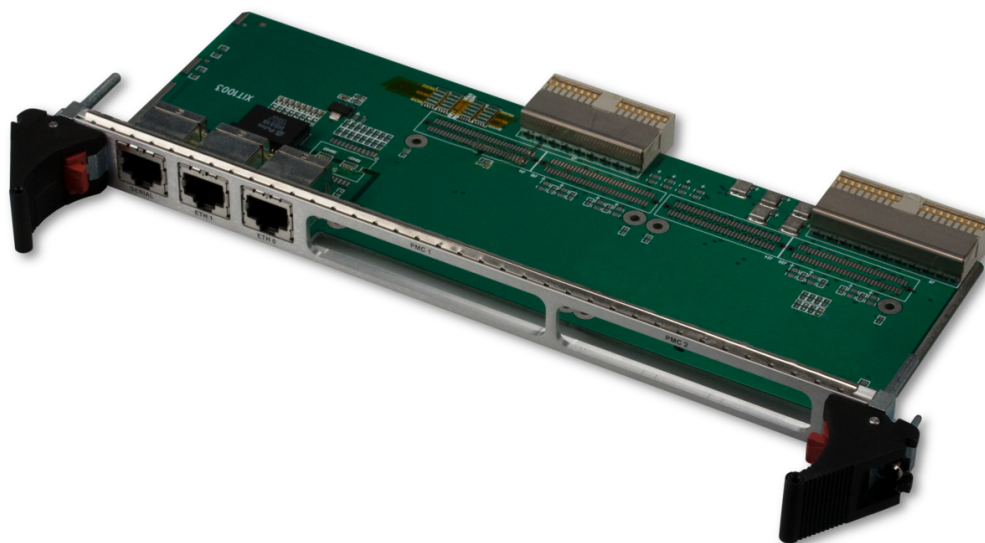


# XIt1003

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's 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*

### Extreme Engineering Solutions

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**PIM Support**

- Supports up to two PIMs

**6U Backplane I/O Support**

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

**Physical Characteristics**

- 6U cPCI
- Dimensions: 233.35 mm x 85.5 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

| Supported Ruggedization Level | Level 1                                |
|-------------------------------|--|
| Cooling Method                | Standard Air-Cooled                    |
| Operating Temperature         | 0 to +55 °C ambient (300 LFM)          |
| Storage Temperature           | 0 to +85 °C ambient                    |
| Vibration                     | 0.002 g <sup>2</sup> /Hz, 5 to 2000 Hz |
| Shock                         | 20 g, 11 ms sawtooth                   |
| Humidity                      | 0% to 95% non-condensing               |

