

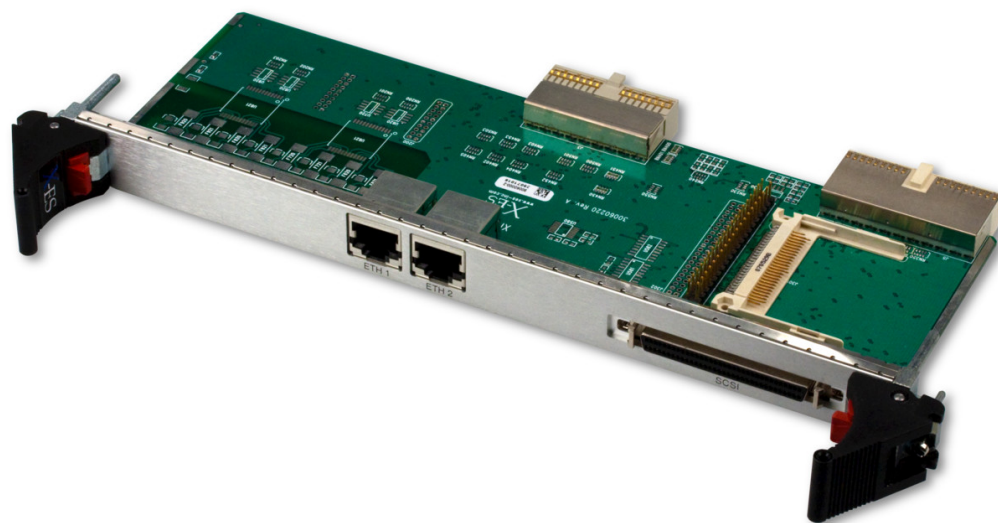
XIt1000

End of Life

6U cPCI I/O Transition Module For X-ES Products

Please see XIt4103 or
XIt1009

- ▶ 6U cPCI Rear Transition Module
- ▶ Supports breakout of two PICMG 2.16 Gigabit Ethernet ports
- ▶ 40-pin IDE connector
- ▶ 44-pin laptop IDE connector
- ▶ 68-pin SCSI connector
- ▶ Two RS-232/422 RJ-45 connectors
- ▶ Four E1/T1/J1 RJ-45 connectors
- ▶ One CompactFlash connector



XIt1000

The XIt1000 is a 6U cPCI transition module that supports rear I/O for several products in X-ES' product line.

The XIt1000 supports both IDE and SCSI bulk storage interfaces. The XPort6000 SCSI card is supported via a 68-pin SCSI connector. The module also supports the XCalibur and XChange series IDE interface through 40-pin, 44-pin, and CompactFlash headers.

The transition module also breaks out PICMG 2.16 Gigabit Ethernet ports via RJ-45 connectors. Additionally, rear I/O Ethernet ports for the XPedite and XPort series of cards are also accessible. The XIt1000 also breaks out the RS-232/422 serial ports and E1/T1/J1 ports for the XChange, XPort, and XPedite series of modules.

The XIt1000 is available in multiple configurations. Not all connectors are placed on all configurations. Contact X-ES for an appropriate configuration based on your specific I/O needs.

X-ES

Extreme Engineering Solutions

*"Fast, Flexible, Customer-Focused
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Extreme Engineering Solutions

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6U SBC I/O Support

- Integrated IDE via standard 40-pin header or laptop drive 44-pin header
- Two 2.16 Gigabit Ethernet ports via RJ-45 connectors
- Two RS-232/422 serial ports via RJ-45 connectors

PMC I/O Support

- 68-pin SCSI connector
- One RS-232 serial port
- Two Gigabit Ethernet ports via RJ-45 connectors
- Four T1/E1/J1 ports

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

Physical Characteristics

- 6U CompactPCI form factor
- Mechanically compliant to PICMG 2.0
- Dimensions: 233.35 mm x 80 mm

| Ruggedization Level | Level 1 |
|-----------------------|--|
| Cooling Method | Standard Air-Cooled |
| Operating Temperature | 0 to +55°C ambient † |
| Storage Temperature | -40 to +85°C ambient |
| Vibration | 0.002 g ² /Hz (maximum), 5 to 2000 Hz |
| Shock | 20 g, 11 ms sawtooth |
| Humidity | Up to 95% non-condensing |

† Contact factory for airflow rate details.

