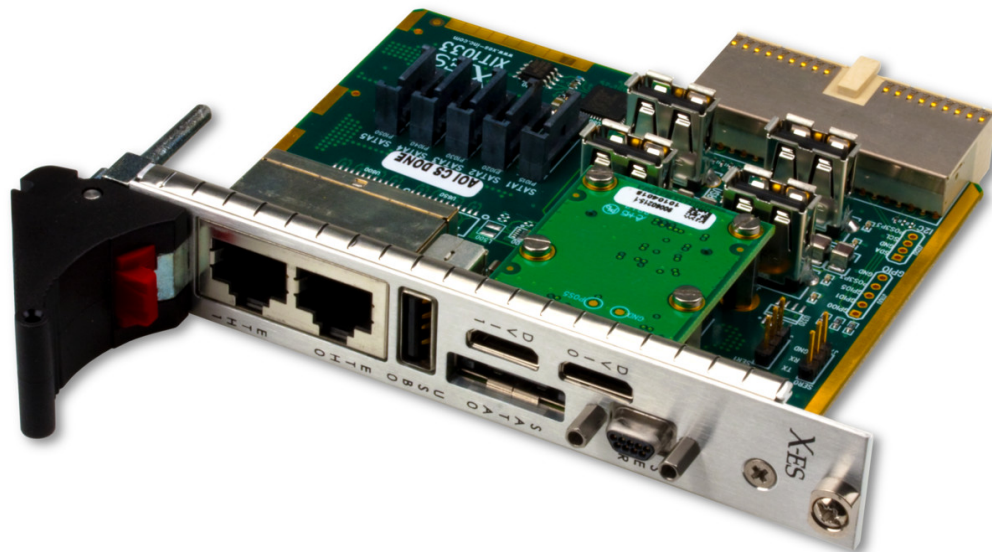


# XIt1033

3U cPCI Rear Transition Module with Gigabit Ethernet, SATA, USB, Serial, and DVI

- ▶ 3U cPCI Rear Transition Module
- ▶ Support for X-ES' 3U cPCI SBC module I/O
- ▶ Two RJ-45 connectors for dual 10/100/1000BASE-T ports
- ▶ Two Mini-HDMI connectors for dual DVI ports
- ▶ One or two eSATA connectors
- ▶ Micro-DB-9 connector for dual RS-232 ports (optional)
- ▶ One rear panel USB connector
- ▶ Internal board connectors for 4 USB ports and 4-5 SATA ports
- ▶ 0.8 in. pitch



## XIt1033

The XIt1033 provides I/O expansion for 3U cPCI SBCs. The XIt1033 provides rear panel connectors for two 10/100/1000BASE-T ports, a USB port, a SATA port, and either a second SATA port or two RS-232 ports via micro-DB-9 connector. The XIt1033 provides board connectors for an additional four USB ports and 4-5 SATA ports (six total on card). When mated with the optional XIt1034, an additional two Mini-HDMI (DVI) ports are also provided.

# X-ES

Extreme Engineering Solutions

*...Always Fast*

### Extreme Engineering Solutions

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**Back Panel I/O (Standard)**

- Two RJ-45 connectors for dual 10/100/1000BASE-T ports
- One USB connector
- One eSATA connector
- One micro-DB-9 or second eSATA connector

**Back Panel I/O (Via XIt1034)**

- Two Mini-HDMI connectors for dual DVI ports

**Physical Characteristics**

- 3U cPCI RTM form factor
- Mechanically compliant to PICMG 2.0
- Dimensions: 100 mm x 80 mm
- 0.8 in. pitch

**Environmental Requirements**

Contact factory for appropriate board configuration based on environmental requirements.

- Supported ruggedization levels (see chart below): 1

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 g <sup>2</sup> /Hz (maximum), 5 to 2000 Hz	0.04 g <sup>2</sup> /Hz (maximum), 5 to 2000 Hz	0.1 g <sup>2</sup> /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

