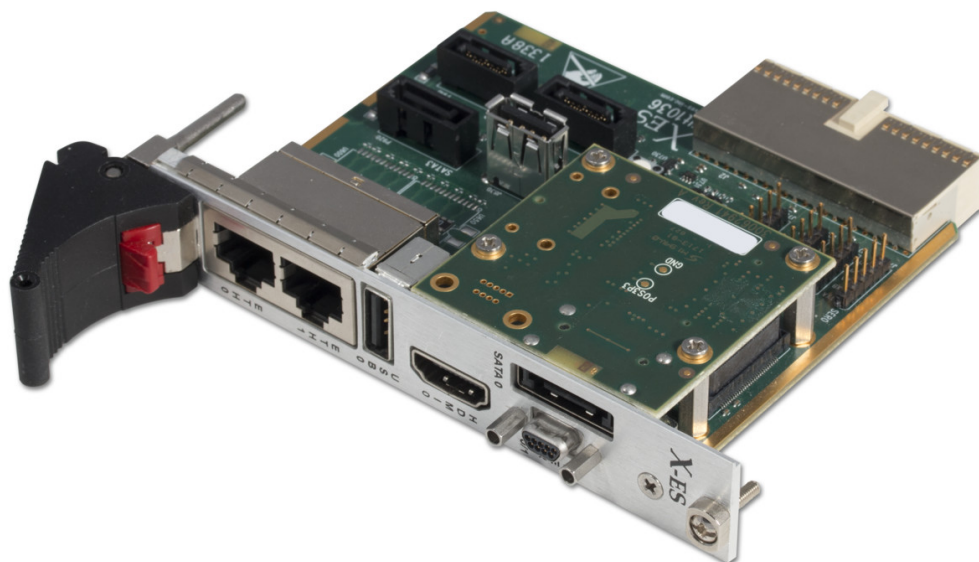


XIt1036

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

- ▶ 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
- ▶ One HDMI port
- ▶ Four SATA ports
- ▶ Micro-DB-9 connector for dual RS-232 ports (optional)
- ▶ Two USB ports
- ▶ 0.8 in. pitch
- ▶ Headers for I²C and GPIO



XIt1036

The XIt1036 provides I/O expansion for 3U cPCI SBCs. The XIt1036 provides rear panel connectors for two 10/100/1000BASE-T ports, a USB port, a SATA port, an HDMI port, and two RS-232 serial ports via micro-DB-9 connector. The XIt1036 provides board connectors for an additional USB port and three SATA ports.

X-ES

Extreme Engineering Solutions

...Always Fast

Extreme Engineering Solutions

9901 Silicon Prairie Parkway • Verona, WI 53593
 Phone: 608.833.1155 • Fax: 608.827.6171
 sales@xes-inc.com • <https://www.xes-inc.com>

Back Panel I/O (Standard)

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

Internal I/O

- Three SATA ports capable of 3 Gb/s
- One USB 2.0 port
- One I²C header
- One GPIO header
- One push-button reset

Physical Characteristics

- 3U cPCI RTM form factor
- Mechanically compliant to PICMG 2.0 (section 4.2.1)
- 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 ² /Hz (maximum), 5 to 2000 Hz	0.04 g ² /Hz (maximum), 5 to 2000 Hz	0.1 g ² /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

