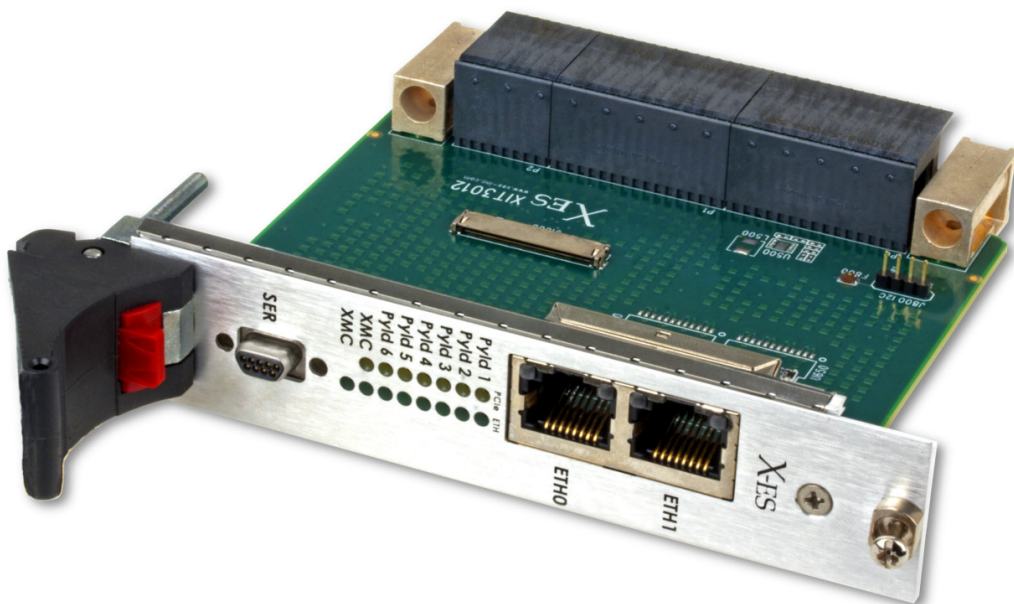


XIt3012

3U VPX Rear Transition Module (RTM) for Integrated PCI Express and Ethernet Switches

- ▶ 3U VPX Rear Transition Module (RTM)
- ▶ Support for 3U VPX integrated PCI Express and Ethernet fabric switches
- ▶ RJ-45 connectors for two 10/100/1000BASE-T or two 10GBASE-T Ethernet ports
- ▶ Micro-DB-9 connector for one RS-232 port
- ▶ 1.0 in. pitch



XIt3012

The XIt3012 provides access to two 10/100/1000BASE-T or two 10GBASE-T Ethernet ports from X-ES 3U VPX integrated PCI Express and Ethernet switches. The XIt3012 also provides a micro-DB-9 connector for interfacing with RS-232 I/O.

X-ES

Extreme Engineering Solutions

...Always Fast

Extreme Engineering Solutions

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Back Panel I/O

- Two RJ-45 connectors for two 10/100/1000BASE-T or two 10GBASE-T Ethernet ports
- One micro-DB-9 connector for one RS-232 port

Physical Characteristics

- 3U VPX RTM (VITA 46.10) form factor
- Dimensions: 100 mm x 81.5 mm
- 1.0 in. pitch

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 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

