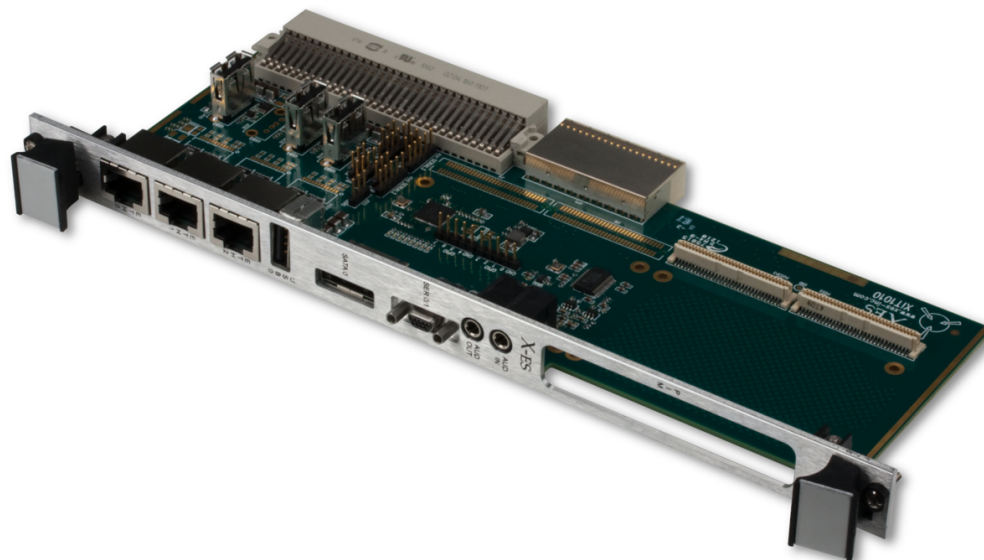


XIt1010

6U VME Rear Transition Module with Gigabit Ethernet, SATA, USB, and Serial

- ▶ VME Rear Transition Module (RTM)
- ▶ Three 10/100/1000BASE-T Ethernet ports
- ▶ Two RS-232 serial ports
- ▶ Integrated USB hub
- ▶ Four external USB ports
- ▶ One eSATA port
- ▶ USB audio codec with in/out ports
- ▶ PIM site



XIt1010

The XIt1010 is a 6U VME Rear Transition Module (RTM) which supports various X-ES Single Board Computer (SBC) products. When installed in an RTM slot of an appropriate VME64 backplane, the XIt1010 routes I/O signals from an associated SBC's rear panel P0 and P2 connectors to connectors on the XIt1010, to allow connection of these signals to external equipment. The XIt1010 routes three 10/100/1000BASE-T Ethernet ports to RJ-45 connectors, two RS-232 ports to a micro DB9 connector, four USB ports to type A connectors (three via on-board USB hub), and a SATA port to an eSATA connector. A PIM site is also provided for access to P14 rear I/O from a mezzanine installed on the corresponding SBC.

The XIt1010 also features an optional on-board USB audio codec, with its audio inputs and outputs routed to 3.5 mm stereo jacks accessible from the front panel.

X-ES

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...Always Fast

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Ethernet

- Three 10/100/1000BASE-T Ethernet ports to RJ-45 connectors

Serial

- Two RS-232 ports to micro DB9 connectors

USB

- One USB port to front panel type A connector on front panel
- One USB port to internal USB hub
- Three USB ports from USB hub to internal vertical type A connectors
- One USB port from hub routed to internal vertical type A connector or optional on-board audio codec

Audio

- USB audio codec
- Audio input and output ports to front panel 3.5 mm stereo jacks

Physical Characteristics

- VME Rear Transition Module (RTM)
- Dimensions: 233.35 mm x 80 mm

SATA

- One SATA port to front panel eSATA connector

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 ² /Hz, 5 to 2000 Hz
Shock	20 g, 11 ms sawtooth
Humidity	0% to 95% non-condensing

