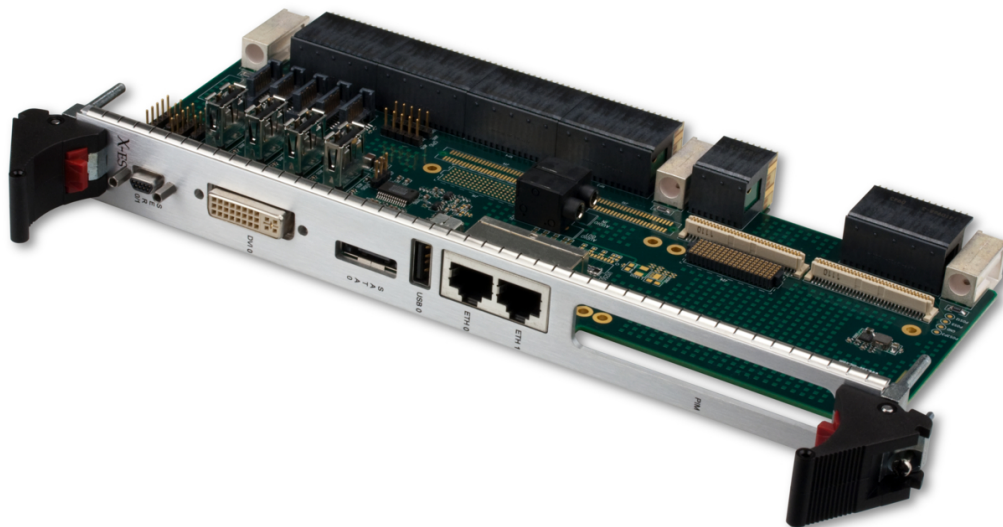


XIt1040

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

- ▶ 6U VPX Rear Transition Module (RTM), VITA 46.10
- ▶ Two 10/100/1000BASE-T Ethernet ports
- ▶ Two RS-232 serial ports
- ▶ Five USB ports
- ▶ Six SATA ports
- ▶ USB audio codec with in/out ports
- ▶ PIM/XIM site
- ▶ Dual link DVI-D port



XIt1040

The XIt1040 is a 6U VPX Rear Transition Module (RTM) per the VITA 46.10 specification, which supports I/O breakout from various X-ES Single Board Computer (SBC) products. When installed in an RTM slot of an appropriate 6U VPX backplane, the XIt1040 routes I/O signals from an associated SBC's rear panel P2-P6 connectors through the VPX backplane to connectors on the XIt1040 to allow connection of these signals to external equipment. The XIt1040 routes two 10/100/1000BASE-T Ethernet ports to RJ-45 connectors, two RS-232 ports to a micro DB9 connector, five USB ports to type USB A connectors, and six SATA ports to eSATA and standard SATA connectors. A PIM/XIM site is also provided for breakout of a mezzanine installed on the corresponding SBC's P14/P16 I/O to the XIt1040's front panel via the appropriate PIM/XIM.

The XIt1040 also features an optional on-board USB audio codec, with its audio inputs and outputs routed to 3.5 mm stereo jacks accessible internal to the card.

X-ES

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...Always Fast

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Ethernet

- Two 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
- Four USB ports to internal vertical type A connectors
- One USB port from hub routed to optional on-board audio codec

SATA

- One SATA port to front panel eSATA connector
- Five SATA ports to internal vertical SATA connectors

DVI

- One dual-link DVI-D port to DVI connector

Audio

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

Physical Characteristics

- VPX Rear Transition Module (RTM), VITA 46.10
- Dimensions: 233.35 mm x 80 mm

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

