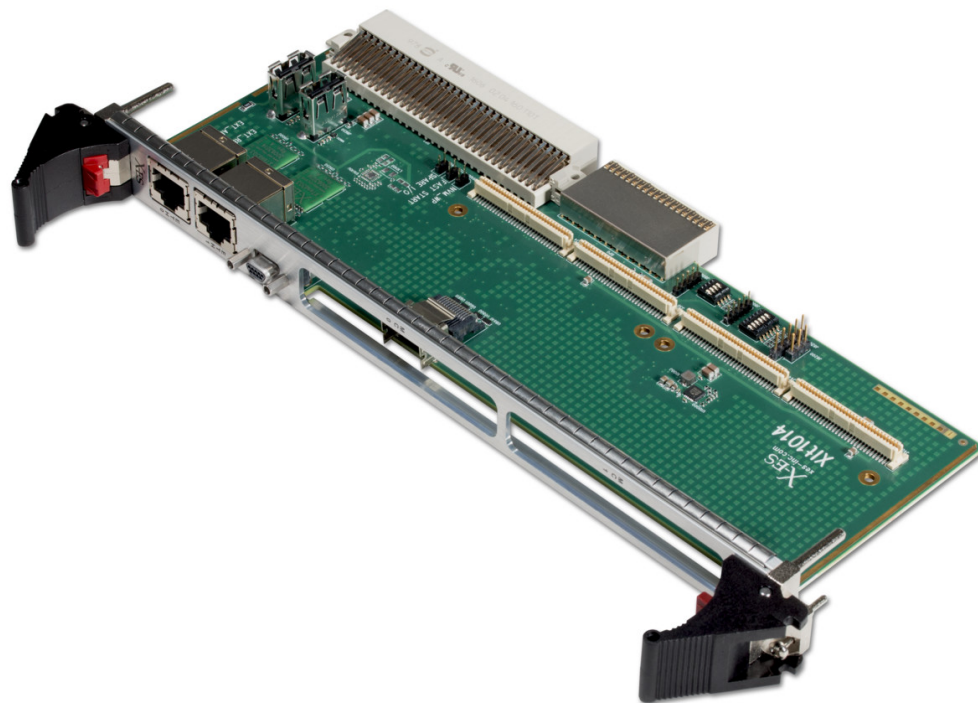


XIt1014

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

- ▶ 6U VME Rear Transition Module (RTM)
- ▶ Two 10/100/1000BASE-T Ethernet ports
- ▶ Two RS-232/422/485 serial ports
- ▶ Two USB 2.0 ports
- ▶ Up to two PIM sites (optional)
- ▶ x4 PCI Express interface via iPASS™ connector (optional)



XIt1014

The XIt1014 is a 6U VME rear transition module designed specifically to match the XCalibur1832 6U VME SBC pinout.

The XIt1014 supports two 10/100/1000BASE-T Ethernet ports, two RS-232/422/485 serial ports, two USB 2.0 ports, and up to two PIM sites.

Two configurations of the XIt1014 are available to handle various I/O access requirements. One configuration supports two PIM sites. A second configuration omits the center PIM site and offers an iPASS™ connector to support a x4 PCI Express interface.

X-ES

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...Always Fast

Extreme Engineering Solutions

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 sales@xes-inc.com • <https://www.xes-inc.com>

PIM Support

- Supports up to two PIM modules
- P14 PMC I/O on VME P2 per VITA 35-2000, P4V2-64ac
- P24 PMC I/O on VME P0/P2 per VITA 35-2000, P4V2-46dz

Ethernet

- Two 10/100/1000BASE-T Ethernet ports

Serial

- Two RS-232/422/485 serial ports

Additional I/O

- Two USB 2.0 ports
- x4 PCI Express interface via iPASS™ connector (optional)

Physical Characteristics

- 6U VME rear transition module form factor
- 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

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

