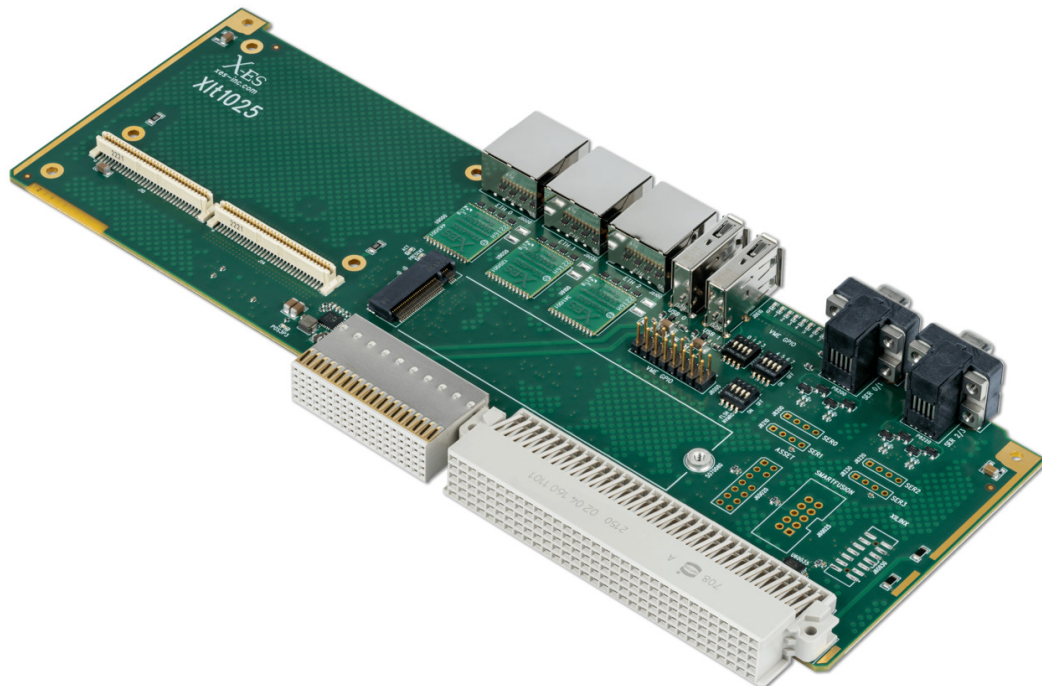


XIt1025

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

- ▶ 6U VME Rear Transition Module (RTM)
- ▶ Three 10/100/1000BASE-T Ethernet ports
- ▶ Four RS-232/422/485 serial ports
- ▶ Two USB 2.0 ports
- ▶ Supports one PIM (PMC I/O Module) interface to route PMC I/O out the back panel
- ▶ One M.2 site to support one x1 PCI Express interface



XIt1025

The XIt1025 is a 6U VME rear transition module designed specifically to match the XCalibur4730 6U VME SBC pinout.

The XIt1025 supports three 10/100/1000BASE-T Ethernet ports, four RS-232/422/485 serial ports, two USB 2.0 ports, and one PIM site.

The XIt1025 supports a PIM interface to bring P14 I/O from a PMC module out the rear panel. The PIM interface can be configured for either mezzanine site on the single board computer and can support all standard X-ES I/O modules.

X-ES

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Extreme Engineering Solutions

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Back Panel I/O

- Three 10/100/1000BASE-T Ethernet ports
- Four RS-232/422/485 serial ports
- Two USB 2.0 ports

Internal I/O

- One PIM (PMC I/O Module) interface to route PMC I/O out the rear panel
- One M.2 site to support one x1 PCI Express interface

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

Physical Characteristics

- 6U VME RTM form factor
- Fits in VITA 46.10 RTM slots
- Overall dimensions: TBD
- 1.0 in. pitch

Ruggedization Level	Level 1
Cooling Method	Standard Air-Cooled
Operating Temperature	0 to +55°C ambient †
Storage Temperature	-40 to +85°C ambient
Vibration	0.002 g ² /Hz (maximum), 5 to 2000 Hz
Shock	20 g, 11 ms sawtooth
Humidity	Up to 95% non-condensing

† Contact factory for airflow rate details.

