

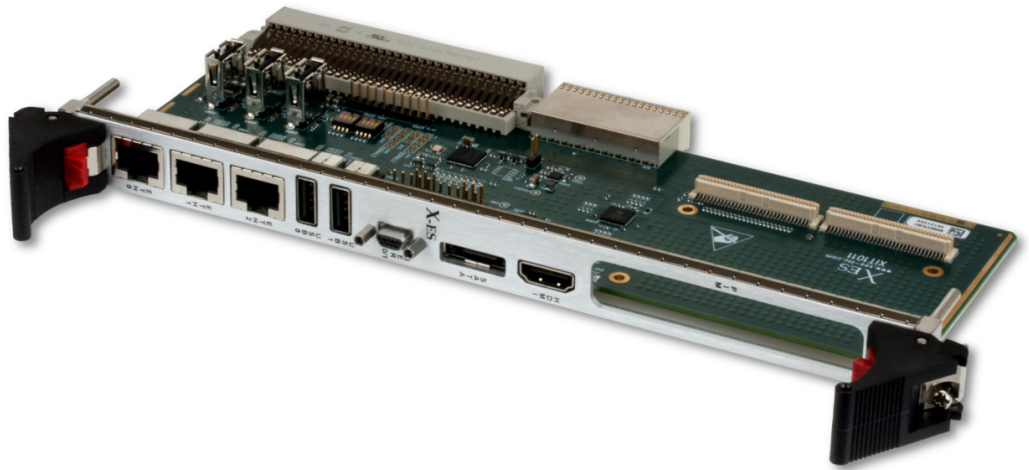
XIt1011

End of Life

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

Please contact X-ES Sales

- ▶ 6U VME Rear Transition Module (RTM)
- ▶ Three 10/100/1000BASE-T Ethernet ports
- ▶ Two RS-232 serial ports via one micro-DB-9 connector
- ▶ Two USB 2.0 ports
- ▶ Three internal USB 2.0 ports
- ▶ One eSATA port
- ▶ One HDMI port
- ▶ Supports one PIM (PMC I/O Module) interface to route PMC I/O out the rear panel
- ▶ GPIO header



XIt1011

The XIt1011 is a 6U VME rear transition module which supports a variety of VME single board computers.

The XIt1011 supports an HDMI port for graphics, as well as three 10/100/1000BASE-T Ethernet ports, two RS-232 serial ports, one SATA port, and two USB ports. Internal connectors allow access to three additional USB ports, two serial ports, and GPIO.

The XIt1011 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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PIM Support

- Supports standard PIM modules
- Option to have PIM connected to P0 or P2 PMC I/O

Graphics

- One external HDMI port
- Actively converts Dual-Mode DisplayPort to HDMI
- Option to pass DVI/HDMI straight through to HDMI connector

SATA

- One eSATA port

Ethernet

- Three RJ-45 Gigabit Ethernet ports

USB

- Two USB 2.0 ports
- Three internal USB 2.0 ports

Serial

- Two internal RS-232/422/485 serial ports
- Two rear-panel RS-232 serial ports through single micro-DB-9 connector

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
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.

