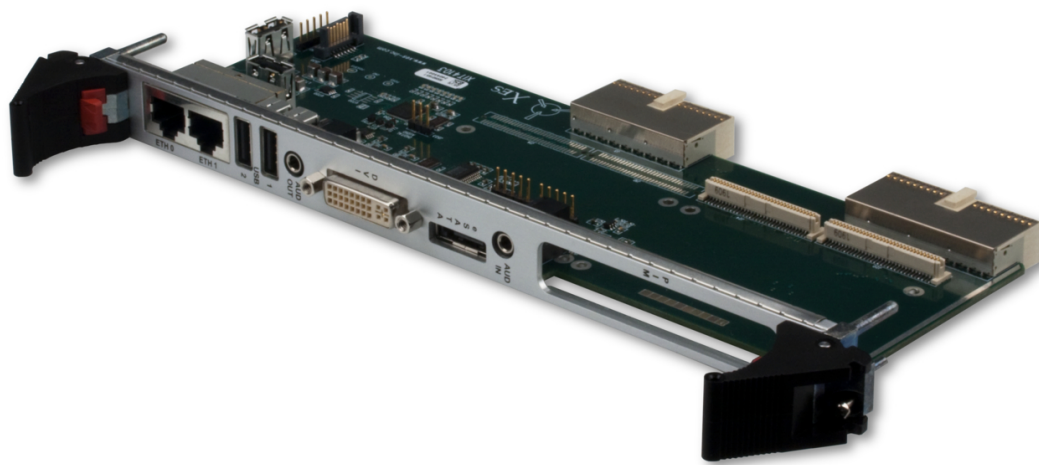


# XIt4103

6U CompactPCI I/O Transition Module for X-ES SBCs

- ▶ 6U transition module
- ▶ One dual-link DVI port
- ▶ Two PICMG 2.16 10/100/1000 Ethernet ports
- ▶ Supports one PIM (PMC I/O Module) interface to route PMC I/O out the rear panel
- ▶ Optional second PIM site
- ▶ Two USB 2.0 ports
- ▶ One eSATA port or two RS-232 serial ports through one micro DB-9 connector
- ▶ One optional audio out port
- ▶ One optional audio in port
- ▶ One optional internal SATA port
- ▶ Two internal USB ports
- ▶ Two internal serial ports
- ▶ GPIO header in board



## XIt4103

The XIt4103 is a 6U CompactPCI transition module which supports a variety of cPCI single board computers.

The XIt4103 supports a dual-link DVI port for graphics, as well as two PICMG 2.16 10/100/1000 Ethernet ports, one eSATA port, one pair of audio in and out ports, and two USB ports. Internal connectors allow access to two additional USB ports, a SATA port, and two serial ports.

The XIt4103 supports a PIM interface to bring P14 I/O from a PMC module out the rear panel. The PIM interface can support all standard X-ES I/O modules, including the XIt2000, XIt2010, XIt2020, and XIt2030. Optionally, a second PIM interface can be included. This option requires removal of the audio in port, DVI port, and both the eSATA and serial ports.

# X-ES

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**PIM Support**

- Supports standard PIM modules, including the XIt2000, XIt2010, XIt2020, and XIt2030
- Optional support for second PIM

**DVI Graphics**

- One optional external dual-link DVI-D port

**SATA**

- One optional external eSATA port
- One optional internal SATA port

**Ethernet**

- Two RJ-45 Gigabit Ethernet ports

**USB**

- Two external USB ports
- Two internal USB ports

**Serial**

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

**Audio**

- One optional external audio in port
- One optional external audio out port
- Optional TI PCM2902 audio CODEC

**Physical Characteristics**

- 6U cPCI 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

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

