

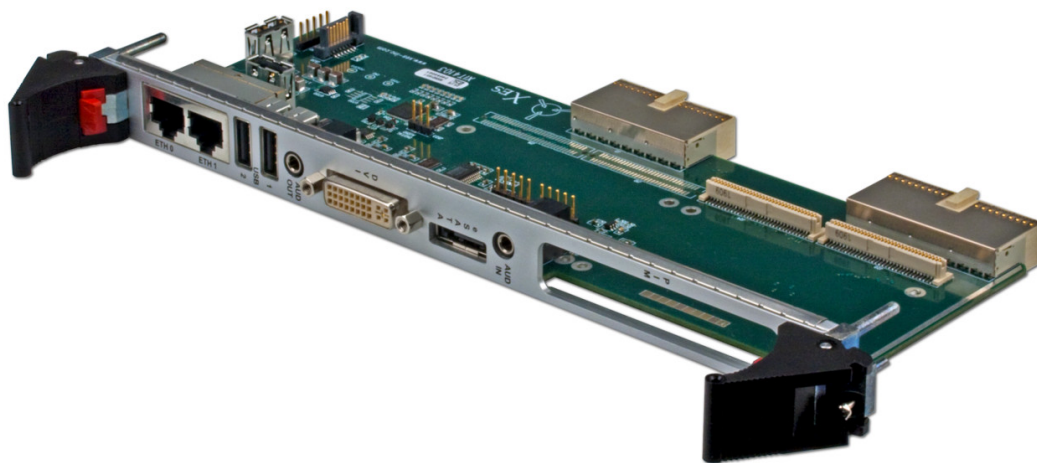
XIt4103

End of Life

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

Please contact X-ES Sales

- ▶ 6U cPCI transition module
- ▶ One dual-link DVI jack
- ▶ 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
- ▶ Second PIM site (optional)
- ▶ Two USB 2.0 ports
- ▶ One eSATA jack or two RS-232 serial ports sharing one micro-DB-9 jack
- ▶ One audio out port (optional)
- ▶ One audio in port (optional)
- ▶ One internal SATA port (optional)
- ▶ 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
- Support for second PIM (optional)

DVI Graphics

- One external dual-link DVI-D port (optional)

SATA

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

Ethernet

- Two RJ-45 Gigabit Ethernet ports

USB

- Two external USB ports
- Two internal USB ports

Serial

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

Audio (Optional)

- One external audio in port
- One external audio out port
- 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

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.

