

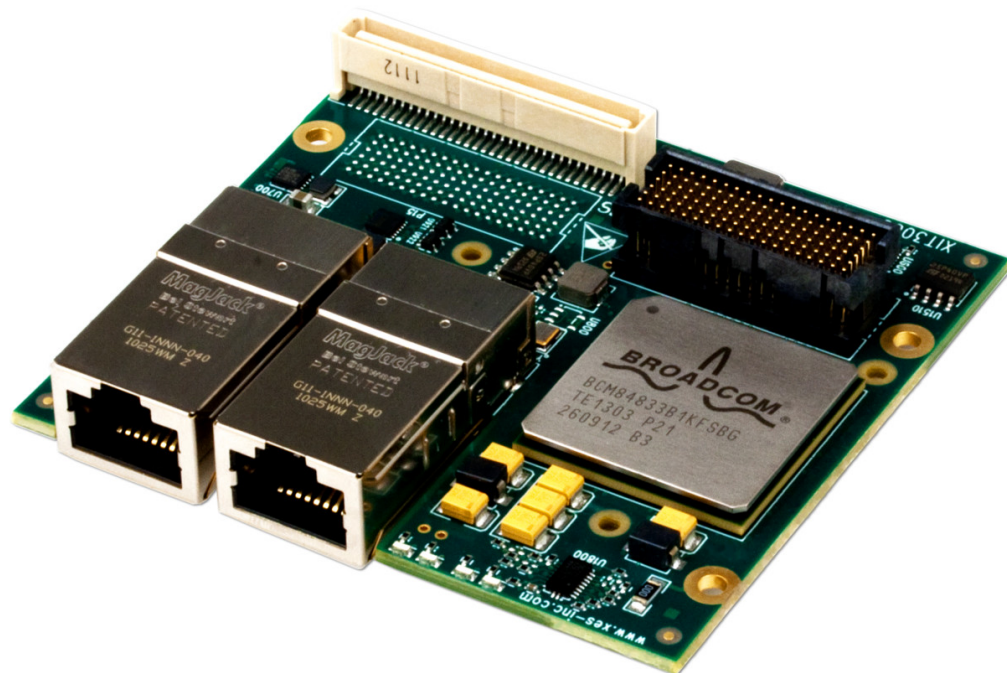
XIt3000

End of Life

XMC I/O Module (XIM) with Dual 10GBASE-T PHY

Please contact X-ES Sales

- › XMC I/O Module (XIM)
- › Two 10GBASE-T Ethernet ports
- › Dual XAUI-to-10GBASE-T PHY
- › Dual XFI-to-10GBASE-T PHY (optional)
- › Ethernet link/activity LEDs



XIt3000

The XIt3000 is an XMC I/O module (XIM), which supports dual XAUI-to-10GBASE-T or dual XFI-to-10GBASE-T conversion. When installed on the appropriate carrier, such as the XTend3100, the XIt3000 provides XAUI conversion for an associated XMC/PrPMC. The XIt3000 is designed to support VITA 42.6 by converting XAUI to 10GBASE-T Ethernet and routing it through an RJ-45 connector.

X-ES

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9901 Silicon Prairie Parkway • Verona, WI 53593
Phone: 608.833.1155 • Fax: 608.827.6171
sales@xes-inc.com • <https://www.xes-inc.com>

Ethernet

- Two 100/1000/10GBASE-T Ethernet ports to RJ-45 connectors
- Dual XAUI-to-10GBASE-T PHY
- Dual XFI-to-10GBASE-T PHY (optional)
- Link, activity, and status LEDs for both ports

Physical Characteristics

- XMC connectors added to VITA 36 PMC I/O Module (PIM) specification
- Dimensions: 74 mm x 69 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.

