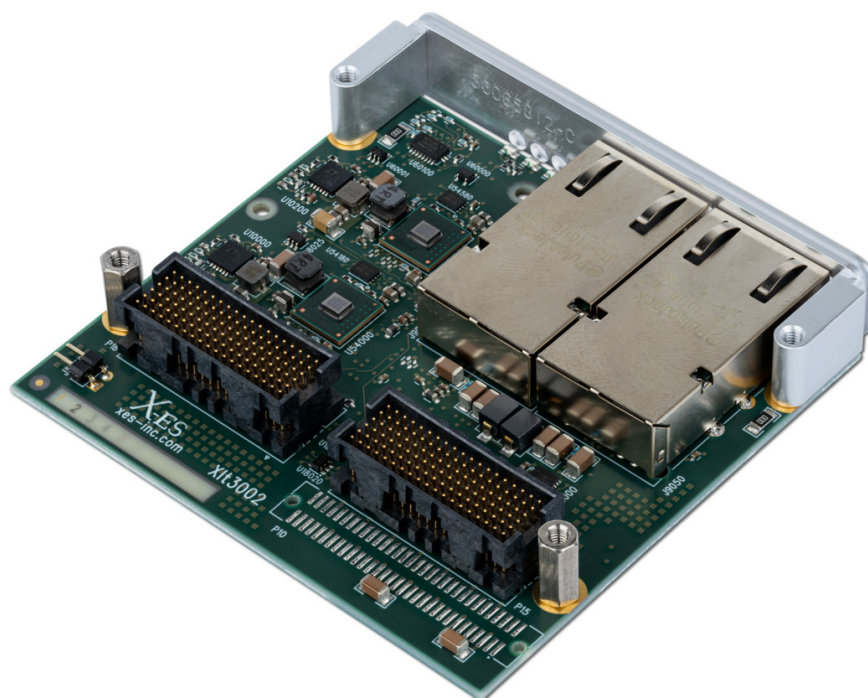


# XIt3002

XMC I/O Module (XIM) with Two 10GBASE-T PHYs

- ▶ XMC I/O Module (XIM)
- ▶ Two 10GBASE-T Ethernet ports
- ▶ Two 10GBASE-KR to 10GBASE-T PHYs
- ▶ Ethernet link/activity LEDs



## XIt3002

The XIt3002 is an XMC I/O module (XIM), which supports dual 10GBASE-KR to 10GBASE-T conversion. When installed on the appropriate RTM, such as the XIt1086, the XIt3002 provides 10GBASE-KR conversion for an associated 3U VPX single board computer. The two 10GBASE-T ports are routed out through two RJ-45 connectors.

# X-ES

Extreme Engineering Solutions

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### Extreme Engineering Solutions

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**Ethernet**

- Two 10GBASE-T Ethernet ports via two RJ-45 connectors
- Two 10GBASE-KR to 10GBASE-T PHYs
- 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

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

† Contact factory for airflow rate details.

