

XIt3114

10GBASE-T XMC I/O Module (XIM) for XPort3301

- ▶ XIM module
- ▶ One XMC connector
- ▶ 10GBASE-T routing to dual RJ-45 connectors



XIt3114

The XIt3114 is an XMC input/output module (XIM), which can be used to provide access to two 10GBASE-T ports from the XPort3301 networking module when used with either the XTend3100, XIt1074, or other appropriate XIM carrier.

X-ES

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XPort3301 Support

- When used with XPort3301 development system carrier, provides connectivity to the XPort3301 rear 10GBASE-T I/O

Physical Characteristics

- XMC I/O module (XIM)
- 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	Level 3	Level 5
Cooling Method	Standard Air-Cooled	Rugged Air-Cooled	Conduction-Cooled
Operating Temperature	0 to +55°C ambient (300 LFM)	-40 to +70°C (600 LFM)	-40 to +85°C (board rail surface)
Storage Temperature	-40 to +85°C ambient	-55 to +105°C ambient	-55 to +105°C (maximum)
Vibration	0.002 g ² /Hz (maximum), 5 to 2000 Hz	0.04 g ² /Hz (maximum), 5 to 2000 Hz	0.1 g ² /Hz (maximum), 5 to 2000 Hz
Shock	20 g, 11 ms sawtooth	30 g, 11 ms sawtooth	40 g, 11 ms sawtooth
Humidity	0% to 95% non-condensing	0% to 95% non-condensing	0% to 95% non-condensing

