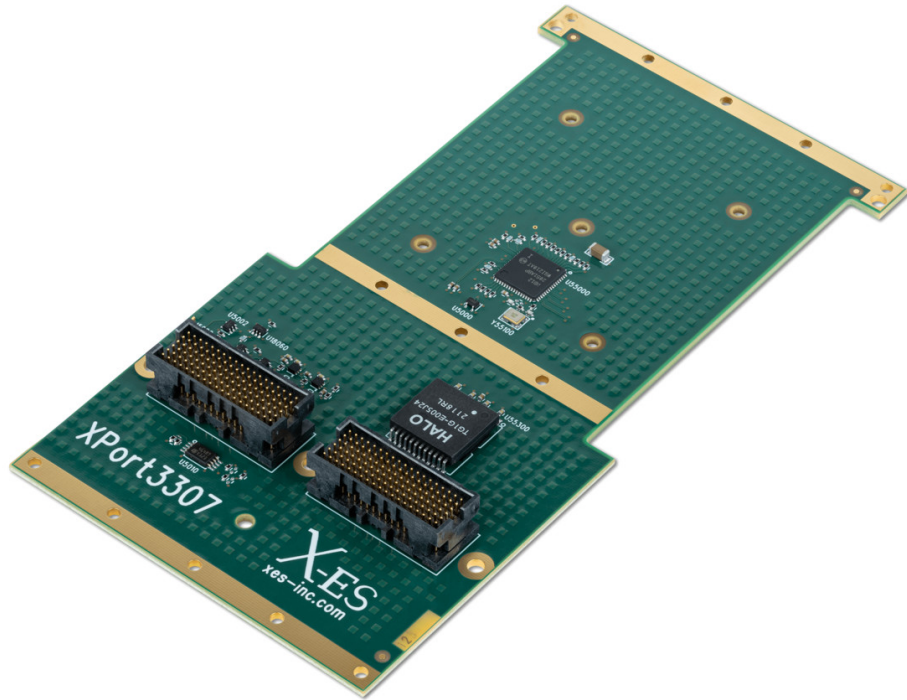


# XPort3307

Conduction-Cooled XMC Networking Module with Gigabit Ethernet Interface

- ▶ Intel® i210 Gigabit Ethernet controller
- ▶ One x1 PCI Express Gen1 VITA 42.3 P15 interface
- ▶ One 10/100/1000BASE-T Ethernet port and X12d mapping per VITA 46.9 via rear panel I/O
- ▶ Conduction-cooled



## XPort3307

The XPort3307 is a conduction-cooled 10/100/1000BASE-T Ethernet XMC networking module with rear I/O support, utilizing an Intel® i210 Gigabit Ethernet controller for communication management. A x1 PCI Express Gen1 interface is routed per VITA 42.3 to the P15 connector for interfacing with the host module.

The XPort3307 supports rear 10/100/1000BASE-T Ethernet I/O through the P16 connector and utilizes X12d mapping per VITA 49.6. The module utilizes automatic negotiation down to 10BASE-T.

# X-ES

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**Ethernet Controller**

- Intel® i210 Gigabit Ethernet controller

**Rear I/O Options**

- One 10/100/1000BASE-T Ethernet port
- X12d mapping per VITA 46.9

**Configuration Options**

- Rear panel (P16 I/O) 10/100/1000BASE-T Ethernet port (conduction-cooled)

**XMC VITA 42.3 PCIe**

- One x1 PCI Express Gen1 interface

**Environmental Requirements**

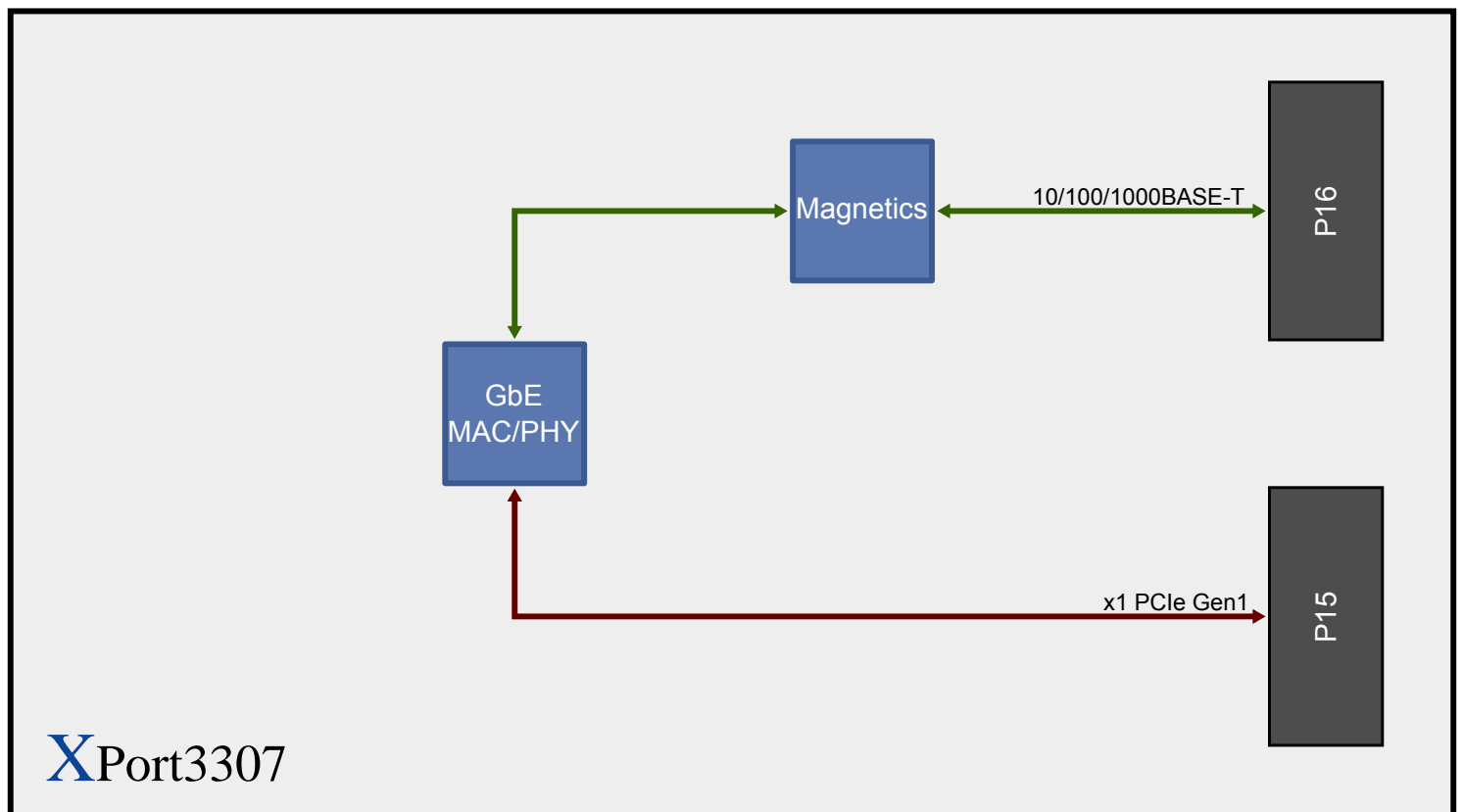
Contact factory for appropriate board configuration based on environmental requirements.

- Supported ruggedization levels (see chart below): 5
- Conformal coating available as an ordering option

**Physical Characteristics**

- Overall dimensions: 73.84 mm x 143.59 mm

<b>Ruggedization Level</b>	<b>Level 5</b>
<b>Cooling Method</b>	Conduction-Cooled
<b>Operating Temperature</b>	-40 to +85°C (board rail surface)
<b>Storage Temperature</b>	-55 to +105°C (maximum)
<b>Vibration</b>	0.1 g <sup>2</sup> /Hz (maximum), 5 to 2000 Hz
<b>Shock</b>	40 g, 11 ms sawtooth
<b>Humidity</b>	Up to 95% non-condensing



XPort3307