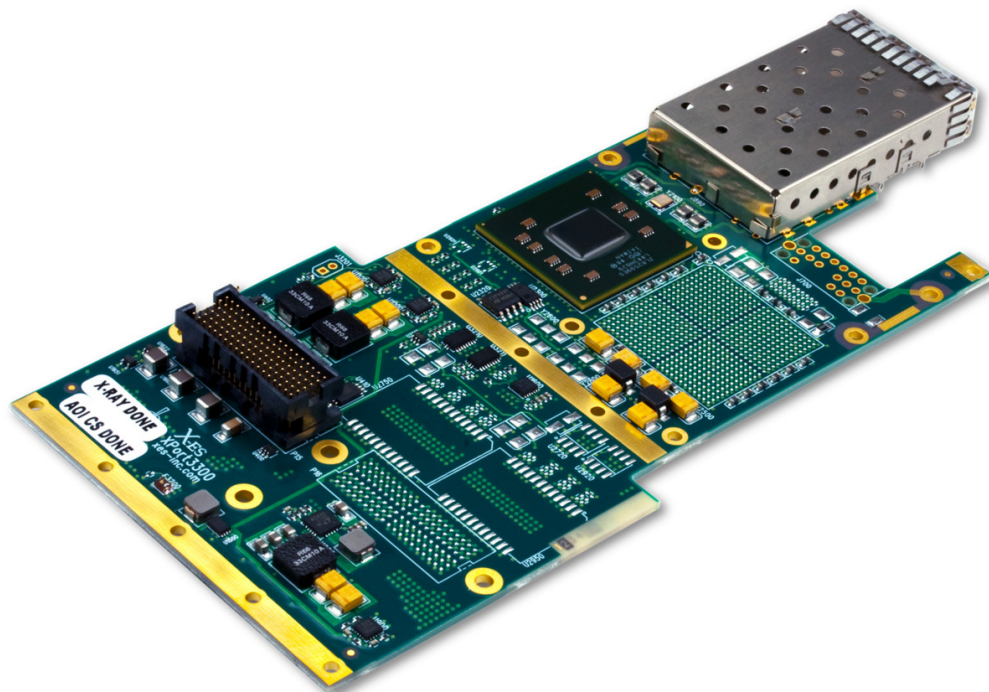


XPort3300

Air-Cooled XMC with Dual 10 Gigabit Ethernet SFP+ Interfaces

- ▶ Utilizes the Intel® 82599 dual 10GbE controller
- ▶ x8 PCI Express 2.0 VITA 42.3 P15 interface
- ▶ Dual SFP+ optical 10GbE front panel interfaces (10GBASE-SR or 10GBASE-LR)
- ▶ Air-cooled
- ▶ Linux drivers
- ▶ Wind River VxWorks drivers
- ▶ Microsoft Windows drivers
- ▶ SR-IOV support
- ▶ IEEE 1588 support



XPort3300

The XPort3300 is an air-cooled dual 10 Gigabit Optical Ethernet XMC with front I/O support. A x8 PCI Express 2.0 port is routed per VITA 42.3 to the P15 connector for interfacing with the host module.

Front panel I/O for the 10 Gigabit Ethernet interfaces is provided with dual optical SFP+ fiber optic connectors supporting either 10GBASE-SR or 10GBASE-LR configuration options.

X-ES

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Ethernet Controller

- Intel® 82599 dual 10GbE controller
- IEEE 1588 support
- SR-IOV support

Front Panel I/O Options

- Dual SFP+ optical 10GbE interfaces
- 10GBASE-SR or 10GBASE-LR configuration options
- Air-cooled only

XMC VITA 42.3 PCIe

- x8 PCI Express 2.0 interface

Environmental Requirements

Contact factory for appropriate board configuration based on environmental requirements.

- Supported ruggedization levels (see chart below): 1, 3
- Conformal coating available as an ordering option

Software Support

- Linux drivers
- Wind River VxWorks drivers
- Microsoft Windows drivers

Power Requirements

- Less than 8.9 W for dual front panel

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

