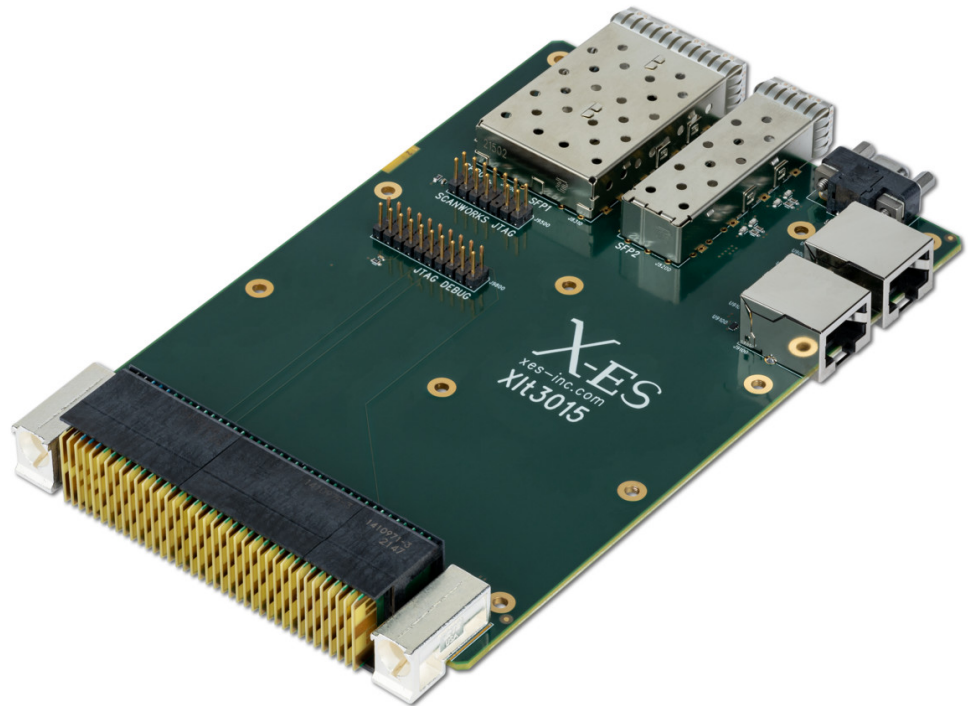


XIt3015

3U VPX Rear Transition Module with 2.5 Gigabit and 1 Gigabit Ethernet and Serial

- ▶ 3U VPX Rear Transition Module
- ▶ One SFP+ connector for one 2500BASE-X Ethernet port
- ▶ Two SFP+ connectors for two 1000BASE-X Ethernet ports
- ▶ One micro-DB-9 connector for one RS-232/422/485 serial port
- ▶ Two RJ-45 connectors for two 10/100/1000BASE-T Ethernet ports
- ▶ ScanWorks and processor JTAG debug headers
- ▶ Fits in VITA 46.10 RTM slots
- ▶ 1.0 in. pitch



XIt3015

The XIt3015 provides I/O expansion for the XChange6300 XMC/PMC-based Embedded Services Router (ESR) with Marvell® ARMADA® 88F7040 ARM-based processor. Its elongated design fits in VITA 46.10 RTM slots and allows for convenient access to more I/O connectors than standard VITA 46.10 RTMs.

The XIt3015 features one SFP+ connector for a 2500BASE-X Ethernet port, plus two additional SFP+ connectors for 1000BASE-X Ethernet ports. Two RJ-45 connectors support a pair of 10/100/1000BASE-T Ethernet ports. The XIt3015 also supports an RS-232/422/485 serial port.



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Back Panel I/O

- One SFP+ connector for one 2500BASE-X Ethernet port
- Two SFP+ connectors for two 1000BASE-X Ethernet ports
- One micro-DB-9 connector for one RS-232/422/485 serial port
- Two RJ-45 connectors for two 10/100/1000BASE-T Ethernet ports

Internal I/O

- ScanWorks and processor JTAG debug headers

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

Physical Characteristics

- 3U VPX RTM form factor
- Fits in VITA 46.10 RTM slots
- Overall dimensions: TBD
- 1.0 in. pitch

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.

