

XIt1102

3U VPX Rear Transition Module with 100 Gigabit and 10 Gigabit Ethernet, Serial, and XIM Site

- › 3U VPX Rear Transition Module
- › Two SFP+ connectors for two 10GBASE-R Ethernet ports
- › One zQSFP+ connector for one 100GBASE-R Ethernet port or four 25GBASE-R Ethernet ports
- › Two micro-DB-9 connectors for two RS-232/422/485 serial ports
- › One RJ-45 connector for one 10/100/1000BASE-T Ethernet port
- › Two M.2 sites to support two x4 PCI Express interfaces
- › One M.2 site to support one x2 PCI Express interface
- › One XIM site to support X12d+X16s+X8d breakout
- › Fits in VITA 46.10 RTM slots
- › 1.0 in. pitch



XIt1102

The XIt1102 provides I/O expansion for Intel® Xeon® D-1700 series (formerly Ice Lake-D) processor-based 3U VPX single board computers (SBCs). 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 XIt1102 features two SFP+ connectors for two 10GBASE-R Ethernet ports, plus a zQSFP+ connector that can be configured for either one 100GBASE-R Ethernet port or four 25GBASE-R Ethernet ports. An RJ-45 connector supports one 10/100/1000BASE-T Ethernet port. The XIt1102 also supports two RS-232/422/485 serial ports.

One XIM site allows for access to the X12d signals from P1 and the X16s+X8d signals from P2. An optional XIM tray can be installed to support XIM modules (contact factory for details). Multiple M.2 sites can support up to two x4 PCI Express interfaces and one x2 PCI Express interface.



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Back Panel I/O

- Two SFP+ connectors for two 10GBASE-R Ethernet ports
- One zQSFP+ connector for one 100GBASE-R Ethernet port or four 25GBASE-R Ethernet ports
- Two micro-DB-9 connectors for two RS-232/422/485 serial ports
- One RJ-45 connector for one 10/100/1000BASE-T Ethernet port
- One XIM site to support X12d+X16s+X8d breakout

Internal I/O

- Two M.2 sites to support two x4 PCI Express interfaces
- One M.2 site to support one x2 PCI Express interface

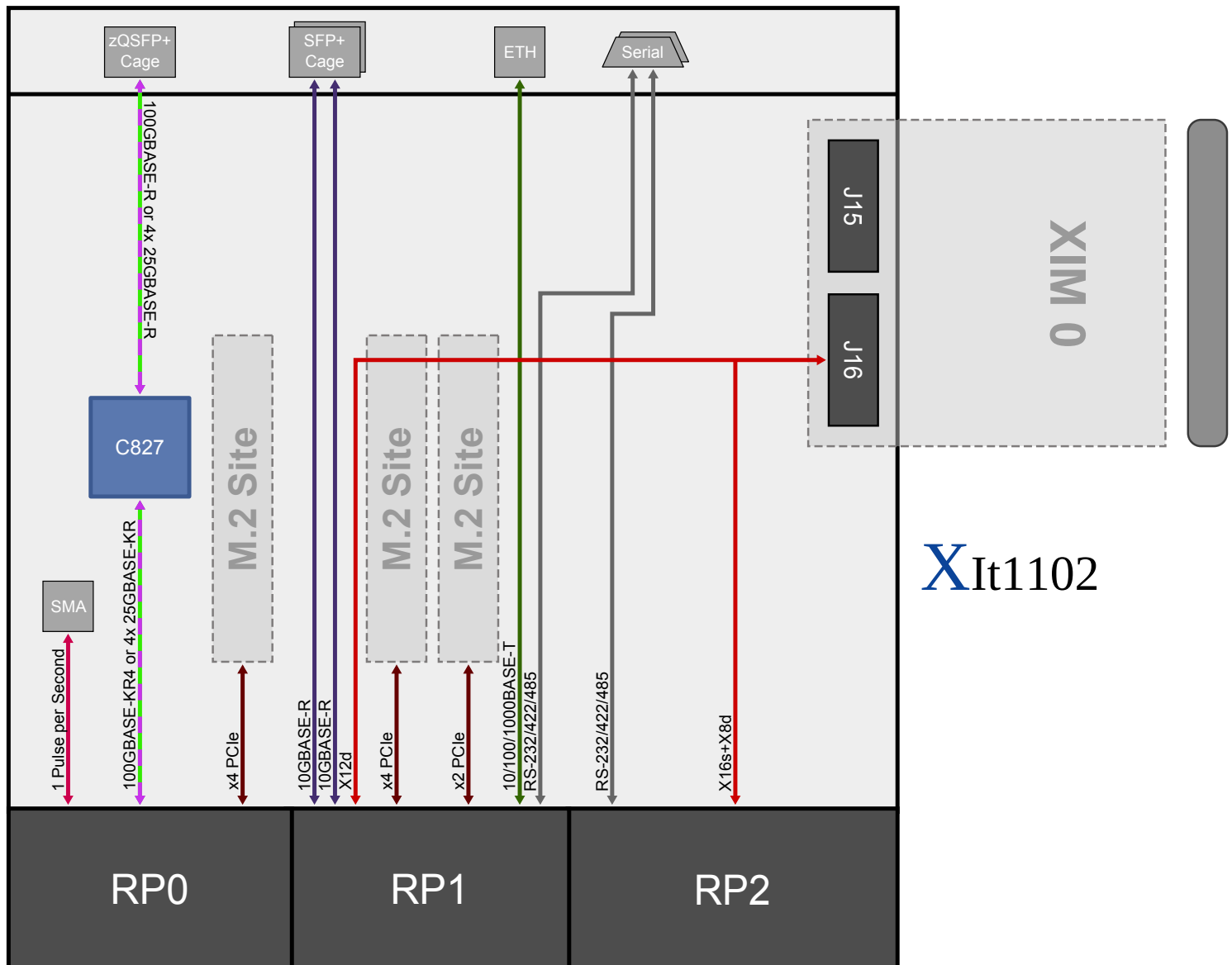
Environmental Requirements

Contact factory for appropriate board configuration based on environmental requirements.

- Conformal coating available as an ordering option

Physical Characteristics

- 3U VPX RTM form factor
- Fits in VITA 46.10 RTM slots
- Overall dimensions: 202.3 mm x 149.7 mm (with XIM tray) or 108.1 mm (without XIM tray)
- 1.0 in. pitch



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