XIt1103

3U VPX Rear Transition Module with 100/25 Gigabit Ethernet and Serial

- ❱ 3U VPX Rear Transition Module
- ❱ One zQSFP+ connector for one 100GBASE-R4 Ethernet port
- ❱ One SFP+ connector for one 25GBASE-R Ethernet port
- ❱ One SFP+ connector for one 25GBASE-R Ethernet port or one 1000BASE-X Ethernet port
- ❱ Two micro DB-9 connectors for two RS-232 maintenance serial ports
- ❱ Four M.2 sites (two standard, two optional) to support up to four x4 PCI Express Gen4-capable interfaces
- ❱ Headers and toggle switches for GPIO, interrupt, and reset inputs
- ❱ Fits in VITA 46.10 RTM slots
- ❱ VITA 66.4 support (optional, contact factory for details)
- ❱ 1.0 in. pitch

XIt1103

The XIt1103 provides convenient I/O breakout for use with X-ES modules targeting Sensor Open System Architecture (SOSA) Payload plug-in card profiles (PICPs), such as 14.6.11 or 14.6.13. The XIt1103's 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 XIt1103 features a zQSFP+ connector for one 100GBASE-R4 Ethernet port, plus two SFP+ connectors for up to two 25GBASE-R Ethernet ports. Two micro-DB-9 connectors allow for two RS-232 serial ports.

Four M.2 sites (two standard, two optional) support up to four x4 PCI Express interfaces, with PCB routing and connectors for up to Gen4 speeds.

X-ES
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"Fast, Flexible, Customer-Focused Embedded Solutions"

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Back Panel I/O

- One zQSFP+ connector for one 100GBASE-R4 Ethernet port
- One SFP+ connector for one 25GBASE-R Ethernet port
- One SFP+ connector for one 25GBASE-R Ethernet port or one 1000BASE-X Ethernet port
- Two micro DB-9 connectors for two RS-232 maintenance serial ports

Internal I/O

- Four M.2 sites (two standard, two optional) to support up to four x4 PCI Express Gen4-capable interfaces
- GPIO header

Physical Characteristics

- 3U VPX RTM form factor
- Fits in VITA 46.10 RTM slots
- VITA 66.4 support (optional, contact factory for details)
- Overall dimensions: 204.7 mm x 150.1 mm (with XIM tray) or 108.5 mm (without XIM tray)
- 1.0 in. pitch

$$XIt1103$$

* RP1 full- or half-width depending on configuration.
** Available only with full-width RP1 configuration.
*** Contact X-ES for configurability details.