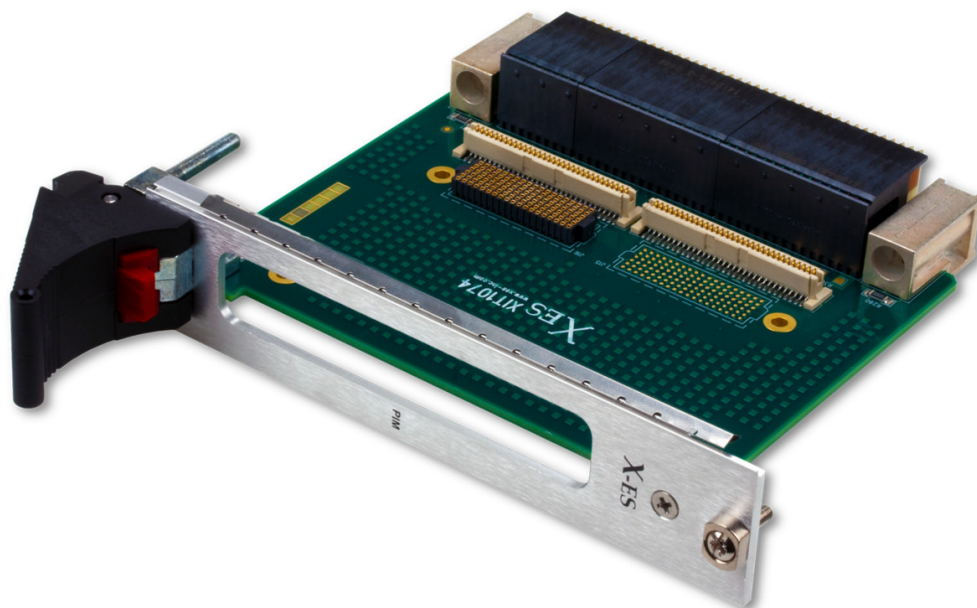


XIt1074

3U VPX Rear Transition Module with XIM/PIM Carrier

- ▶ 3U VPX Rear Transition Module (RTM)
- ▶ XIM and PIM site support
- ▶ VITA 46.9 P64s and X12d support



XIt1074

The XIt1074 provides I/O expansion for 3U VPX SBCs. It provides a XIM/PIM interface that supports I/O signal mapping to VPX via the VITA 46.9 P64s pattern for PMC and the X12d pattern for XMC.

X-ES

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XIM/PIM Support

- One XIM or PIM site
- P64s mapping for PMC
- X12d mapping for XMC
- Faceplate access

Physical Characteristics

- 3U VPX RTM form factor
- Dimensions: 160 mm x 100 mm
- Weight: 117 g

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

| 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 |

