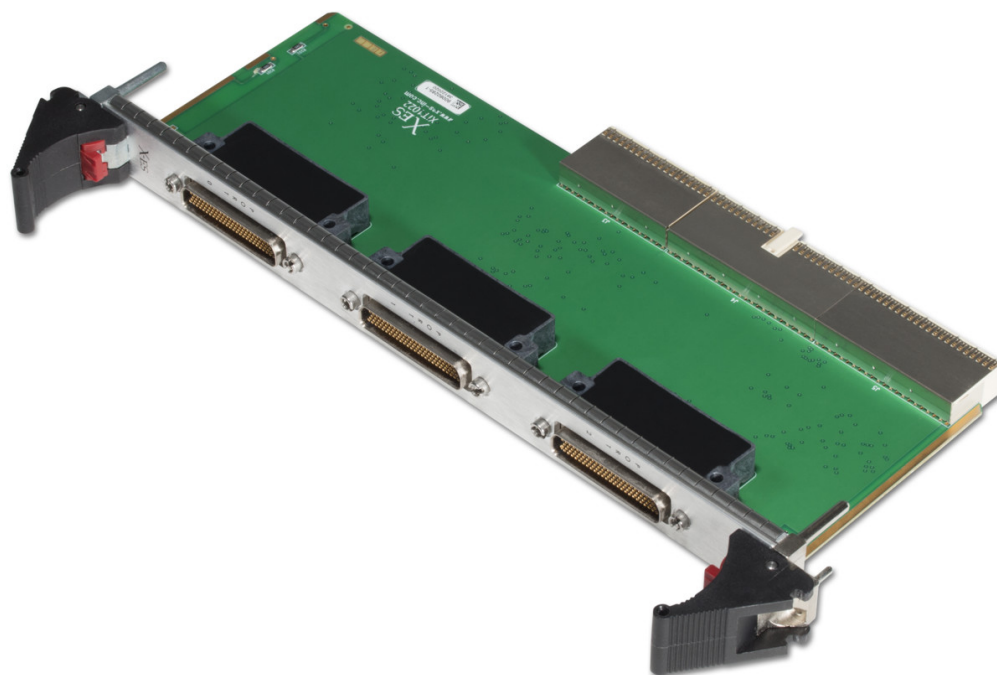


# XIt1022

6U Rear Transition Module for the XPort1020 cPCI Module

- ▶ 6U CompactPCI Rear Transition Module (RTM)
- ▶ Three 100-pin connectors
- ▶ J3 and J5 connectors (all versions)
- ▶ J4 connector (12-port version)



## XIt1022

The XIt1022 is an RTM module that supports I/O for the XPort1020 6U cPCI module.

The XIt1022 routes up to twelve serial interfaces, consisting of TXD, RXD, TXC, RXC, RTS, CTS, DCD, AC, DTR, DSR, RI, and RL from the XPort1020 J3, J4, and J5 connectors to the XIt1022's front panel.

# X-ES

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### Extreme Engineering Solutions

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**XIt1022 Support**

- Mated with the XIt1022, the XPort1020's J3, J4, and J5 serial interfaces are provided out the rear panel of the XIt1022

**XPort1020 Support**

- Three 100-pin connectors
- Up to twelve serial ports
- Serial cabling available

**Physical Characteristics**

- 6U cPCI RTM
- Dimensions: 233.35 mm x 82.68 mm

**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 <sup>2</sup> /Hz (maximum), 5 to 2000 Hz	0.04 g <sup>2</sup> /Hz (maximum), 5 to 2000 Hz	0.1 g <sup>2</sup> /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

