

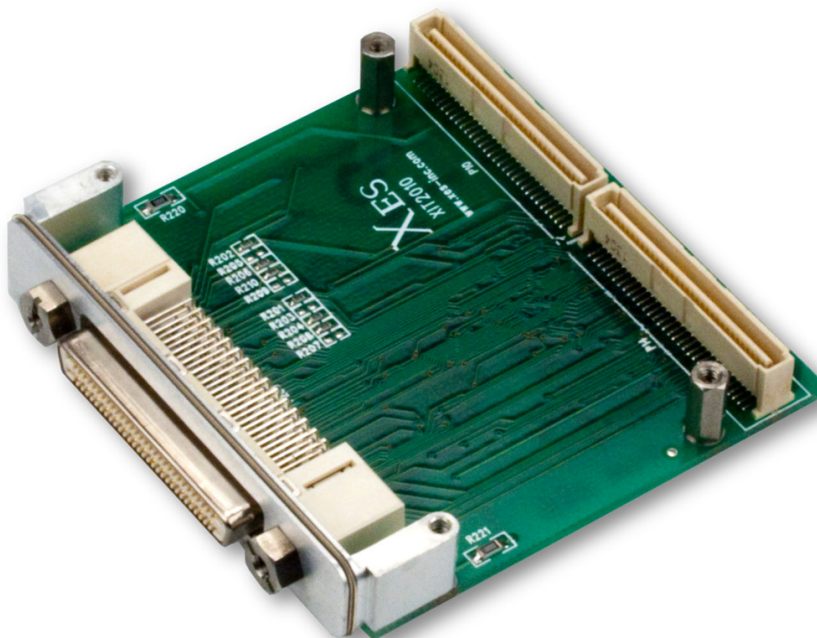
XIt2010

End of Life

PMC I/O Module (PIM) for the XPort1000 PrPMC Module

Please contact X-ES Sales

- ▶ PIM module
- ▶ Two PMC connectors
- ▶ One 120-pin connector



XIt2010

The XIt2010 is a PMC I/O Module (PIM) that supports P14 I/O for the XPort1000 PrPMC module. It is intended to be mated with an XIt1003 to route P14 I/O from the XPort1000.

The XIt2010 routes four seven-wire serial interfaces, consisting of TXD, RXD, TXC, RXC, RTS, CTS, and DCD, from the XPort1000 P14 connector to the XIt2010's front panel. Additionally, either two RS-232 SMC interfaces or one RS-232 SMC and one 10/100 Ethernet interface can also be routed.

X-ES

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XIt1003 Support

- Mated with the XIt2010, the XPort1000's P14 serial interface is provided out the rear panel of the XIt2010

XPort1000 Support

- One 120-pin connector
- Four serial ports
- Seven-wire interface
- Two RS-232 ports or one RS-232 port and one 10/100 Ethernet port (optional)
- Serial cabling available

Physical Characteristics

- PMC I/O Module (PIM)
- Air-cooled
- Dimensions: 74 mm x 69 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 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

