

XIt2041

PMC I/O Module (PIM) with Gigabit Ethernet, SATA, USB, Serial, and DVI

- › PIM/XIM module
- › Two 10/100/1000BASE-T Ethernet ports to RJ-45 connectors
- › Two RS-232 serial ports to micro DB-9 connector
- › Four USB ports
- › Two SATA ports
- › Audio in/out ports
- › DVI port



XIt2041

The XIt2041 is a PMC I/O Module (PIM), per the VITA 36 specification, which supports various X-ES PrPMC/XMC products. When installed on the appropriate carrier, such as the XTend3100 or XIt1003, the XIt2041 routes I/O signals from an associated PrPMC/XMC's rear panel P14 connector to allow connection of these signals to external equipment. The XIt2041 breaks out 10/100/1000BASE-T Ethernet, RS-232 serial, SATA, USB, and DVI signals to the appropriate connectors located on the front panel and rear surface of the card.

X-ES

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...Always Fast

Extreme Engineering Solutions

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Ethernet

- Two 10/100/1000BASE-T Ethernet ports to RJ-45 connectors

Serial

- Two RS-232 serial ports to micro DB-9 connector
- Optional RS-422 conversion

USB

- One USB port to front panel type mini-AB connector
- Three USB ports to internal vertical type A connectors

SATA

- Two SATA ports to internal vertical SATA connectors

DVI

- One DVI port to mini-HDMI connector

Audio

- Audio input and output ports to front panel 3.5 mm stereo jacks

Physical Characteristics

- PMC I/O Module (VITA 36)
- 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

Supported Ruggedization Level	Level 1
Cooling Method	Standard Air-Cooled
Operating Temperature	0 to +55 °C ambient (300 LFM)
Storage Temperature	0 to +85 °C ambient
Vibration	0.002 g ² /Hz, 5 to 2000 Hz
Shock	20 g, 11 ms sawtooth
Humidity	0% to 95% non-condensing

