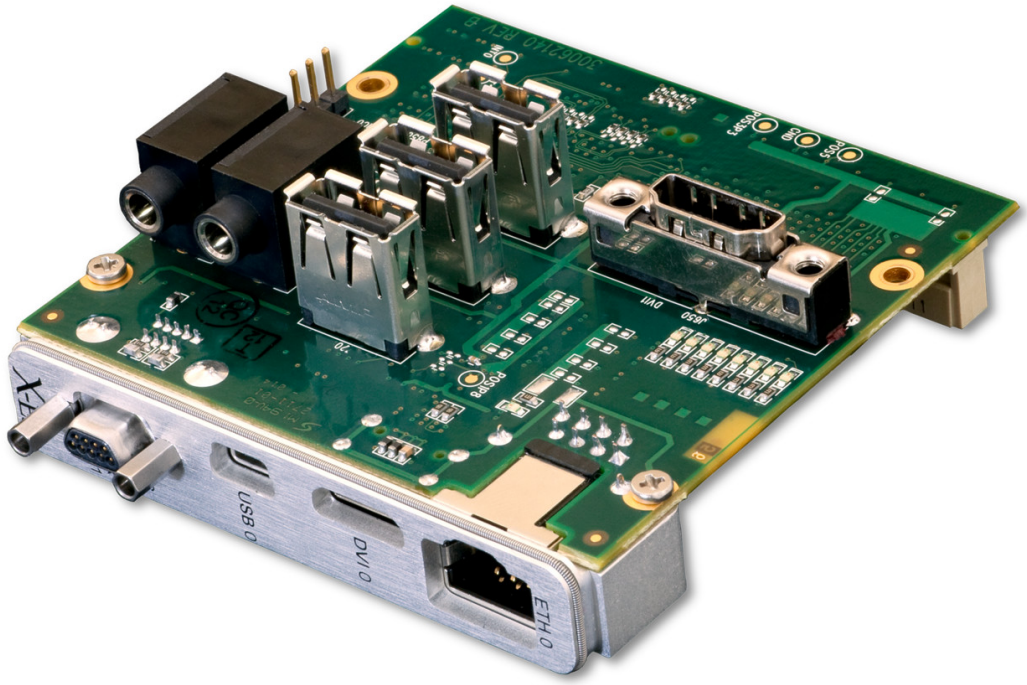
XIt3112

XMC/PMC I/O Module (XIM/PIM) for XTend3100

- XIM/PIM module
- Two XMC and/or two PMC connectors
- 10/100/1000BASE-T Ethernet connector on faceplate
- Mini-USB connector on the card edge
- Audio I/O jacks
- Two RS-232 serial ports via micro-DB-9
- USB Type-A receptacle
- One or two DVI ports (optional)
- Two SATA ports (optional)



XIt3112

The XIt3112 is an XMC/PMC input/output module (XIM/PIM) for use with the X-ES XTend3100 or other XIM/PIM carriers. It routes P14/P16 I/O from the carrier, breaking out 10/100/1000BASE-T Ethernet, RS-232 serial, and universal serial bus (USB) signals.

Depending on the specific configuration, the XIt3112 also provides access to Serial ATA (SATA) or digital video interface (DVI) signals.

X-ES
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XTend3100 Support

- When used with XTend3100 development system carrier, provides XMC/PMC card connectivity for rear I/O

XPedite7101 PMC Support

- I/O support, including SATA

XPedite7201 PMC Support

- I/O support, including DVI

Physical Characteristics

- XMC/PMC I/O module (XIM/PIM)
- 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 g²/Hz (maximum), 5 to 2000 Hz	0.04 g²/Hz (maximum), 5 to 2000 Hz	0.1 g²/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