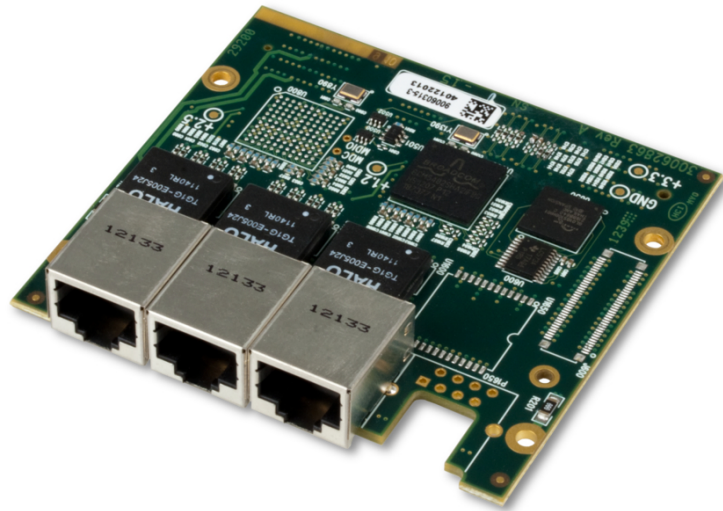


XIt4000

COM Express® I/O Module with Gigabit Ethernet and Local Bus

- ▶ COM Express I/O module
- ▶ Two 10/100/1000BASE-T Ethernet ports to RJ-45 connectors
- ▶ Four 1000BASE-X Ethernet to 1000BASE-T Ethernet ports to RJ-45 connectors
- ▶ Enhanced Local Bus header for development



XIt4000

The XIt4000 is a COM Express I/O module, which is intended to support the Type 5FS and Type 10FS X-ES implementations of the COM Express standard. The XIt4000 is used to break out the non-standard additional Ethernet ports for Type 5FS and Type 10FS to RJ-45 connectors.

X-ES

Extreme Engineering Solutions

...Always Fast

Extreme Engineering Solutions

3225 Deming Way, Suite 120 • Middleton, WI 53562

Phone: 608.833.1155 • Fax: 608.827.6171

sales@xes-inc.com • <http://www.xes-inc.com>

Ethernet

- Two 10/100/1000BASE-T Ethernet ports to RJ-45 connectors
- Four 1000BASE-X Ethernet to analog 1000BASE-T Ethernet breakout ports to RJ-45 connectors

Local Bus

- Header to accommodate Local Bus development
- 128 MB NOR flash

Physical Characteristics

- COM Express I/O module
- 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 ambient
Vibration	0.002 g ² /Hz, 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

