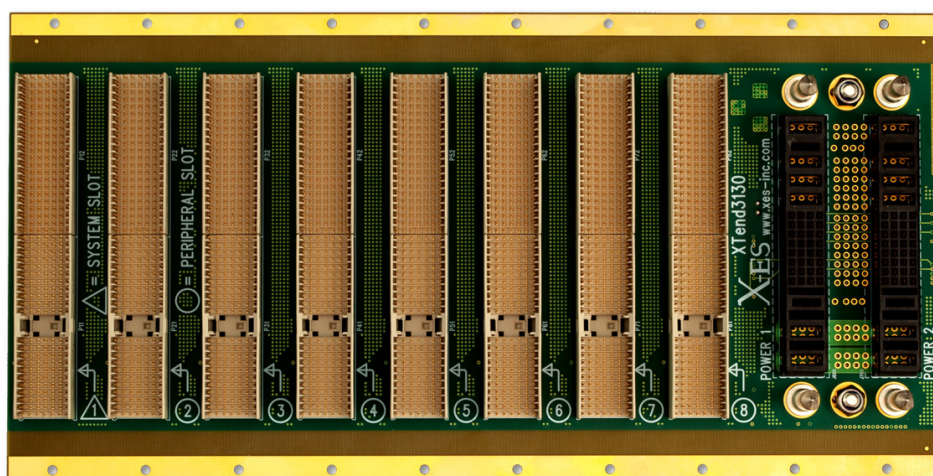


XTend3130

3U CompactPCI Backplane

- ▶ One 3U CompactPCI system controller slot
- ▶ Seven 3U CompactPCI peripheral slots
- ▶ Two VITA 62 power supply slots



XTend3130

The XTend3130 is a 3U CompactPCI backplane with eight CompactPCI payload slots and two VITA 62 power supply slots. Slot one is the system controller slot and the other seven slots are peripheral slots. Power can be provided by installing a VITA 62 power module in one or both of the power supply slots or by cabling from a power supply.

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Payload Slots

- One 3U CompactPCI system controller slot
- Seven 3U CompactPCI peripheral slots

Power Slots

- Two VITA 62 power supply slots
- Supports development DC-DC power supply
- 12 V, 5 V, 3.3 V, and -12 V

CompactPCI

- 32-bit PCI bus
- 33 MHz frequency operation

Physical Characteristics

- 3U CompactPCI form factor
- Dimensions: 129 mm x 257 mm

Environmental Requirements

Contact factory for appropriate board configuration based on environmental requirements.

- Supported ruggedization levels (see chart below): 1

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

