XTend3130

3U CompactPCI Backplane

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

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.
### 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

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**Supported Ruggedization Level**

<table>
<thead>
<tr>
<th>Cooling Method</th>
<th>Level 1</th>
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<tbody>
<tr>
<td>Standard Air-Cooled</td>
<td></td>
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<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>0 to +55°C ambient (300 LFM)</th>
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</thead>
<tbody>
<tr>
<td>Storage Temperature</td>
<td>-40 to +85°C ambient</td>
</tr>
<tr>
<td>Vibration</td>
<td>0.002 g²/Hz, 5 to 2000 Hz</td>
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<tr>
<td>Shock</td>
<td>20 g, 11 ms sawtooth</td>
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<tr>
<td>Humidity</td>
<td>0% to 95% non-condensing</td>
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