



## CompactPCI Express Switch Board

Product #OSS-IOe-3U-SW  
#OSS-IOe-6U-SW



### Description

CompactPCI Express (CPCIe) switch board provide fan-out of CPCIe peripheral slots with one downstream cable connector for expansion.

### Features

- Interfaces with CPCI Express system slot
- Provides downstream links to seven CPCI Express peripheral slots
- Available in 3U and 6U
- Provides one external PCI Express link from its faceplate

### Ordering Information

CompactPCI Express Switch Board

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### Specifications

<b>Form Factor</b>	3U CompactPCI Express, PICMG EXP.0, single slot
<b>Slot Type</b>	PICMG EXP.0 switch slot
<b>Dimensions</b>	3.937in W x 6.3in L x .062in H (100 x 160 x 1.6 mm)
<b>Switch</b>	PLX PEX 8532
<b>Backplane Interfaces</b>	Seven x4 CPCIe links on advanced differential fabric (ADF) connectors XSJ2-4
<b>Front Panel Interface</b>	1 x4 PCIe cable link on shielded Molex 75586-0010 connector
<b>Front Panel Indicators</b>	Bank of 8 PCIe link-active indicators (green)
<b>CPCI Express Switch Specifications</b>	<ul style="list-style-type: none"> <li>• Seven CPCIe 1.0 compliant ports</li> <li>• 100 MHz reference clock on each port</li> <li>• 56 byte maximum payload size with automatic link training</li> </ul>
<b>PCI Express Cable Interface Specifications</b>	<ul style="list-style-type: none"> <li>• One x4 port x4 with a PCI-SIG 0.5 compliant cable connector</li> <li>• Cable link as a downstream port to other PCIe devices or expansion chassis</li> </ul>
<b>Power Consumption</b>	• 3.3V @ 2A
<b>Operating Environment</b>	<ul style="list-style-type: none"> <li>• Temperature Range: 0° to 55°C (32° to 122°F)</li> <li>• Relative Humidity: 5 to 90% non-condensing</li> <li>• Shock: 30g acceleration peak (11ms pulse)</li> <li>• Vibration: 5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration</li> </ul>
<b>Designed to meet</b>	UL 60950, FCC Class B, CE safety and emissions

