

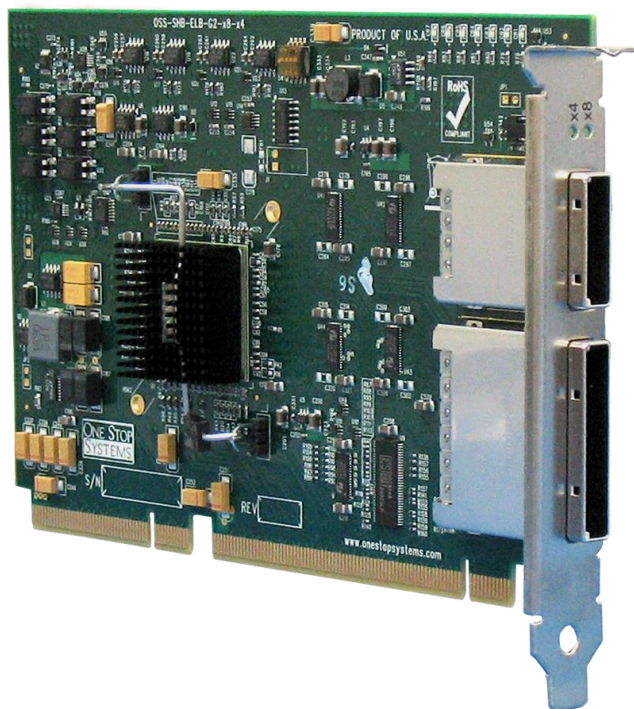
PCIe x4/x8 Gen 2 Expansion Board (ELB-SHB)

PCIe x8 or x4 Gen 2 expansion link board installs in SHBe slot of a PCIe Gen 2 backplane, allowing either x8 or x4 cable inputs from upstream host system.

PN: OSS-SHB-ELB-x4/x8-2.0

Features

- Can use either PCIe x4 and x8 cables
- Switch puts out PCI Express 20 lanes to backplane
- Lanes are auto configurable to backplane or can be user configured
- Lane active LEDs on slot cover
- Power acceptable LEDs on board



Specifications

Form Factor:	PICMG 1.3 SHB Express system slot compliant
Slot Type:	System slot for the expansion chassis
Dimensions (H x L):	4.375 x 6.6 in (111 x 161 mm) 1 slot wide
Switch:	PLX PEX8632 32 lane switch
Upstream Interface:	PCIe x4 over cable, PCIe x8 over cable
Downstream Interface:	20 lanes of PCI Express can be auto-configured as: One x16 and one x4 PCIe link, Two x8 and one x4 PCIe links, or five x4 PCIe links
Front Panel Connectors:	1 PCIe x4 cable connector, 1 PCIe x8 cable connector
Front Panel Indicators:	1 green LED for x4, 1 green LED for x8
Internal Indicators:	Power In-range Indicators for +12V, +3.3V & VTT (Red/Green), Power on indicator for +1V (Green), Bank of 5 board status indicators (Red)
Optional features:	Heat Sink: On-board fan header provided for optional heat sink fan
Temperature:	0° to 50°C (32° to 122°F) default 0° to 70°C (32° to 158°F) with optional fan heat sink
Storage Temperature:	-40° to 85°C (-40° to 185°F)
Operating Humidity:	10 to 90% non-condensing
Storage Humidity:	5 to 95% non-condensing
Shock:	30g acceleration peak (11ms pulse)
Vibration:	5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration
Power Consumption:	9W typical, 11.4W max, +12V @ 0.675A max, 3.3V @ 1.0A Max, 5V aux @ 2.5mA max
Agency Compliance:	Designed to meet: FCC Class B, CE, RoHS