



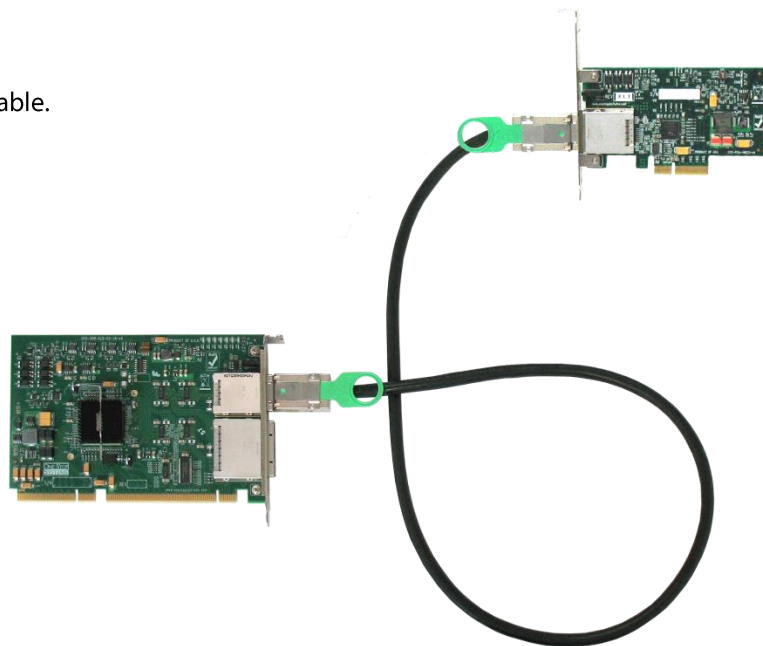
PCIe x4 Gen 2 Host to ELB Kit

Host cable adapter, expansion link board and PCIe x4 cable.

PN: OSS-KIT-EXP-1500

Features

- The host adapter card inserts into any PCI Express x16 slot on the host motherboard. The high speed cable allows data transfers to and from the host at 20Gb/s.
- The target cable adapter fits into the endpoint slot on the two slot backplane seamlessly connecting a downstream I/O device to the host computer without software.
- The two slot backplane can be installed into any downstream chassis or used for testing purposes

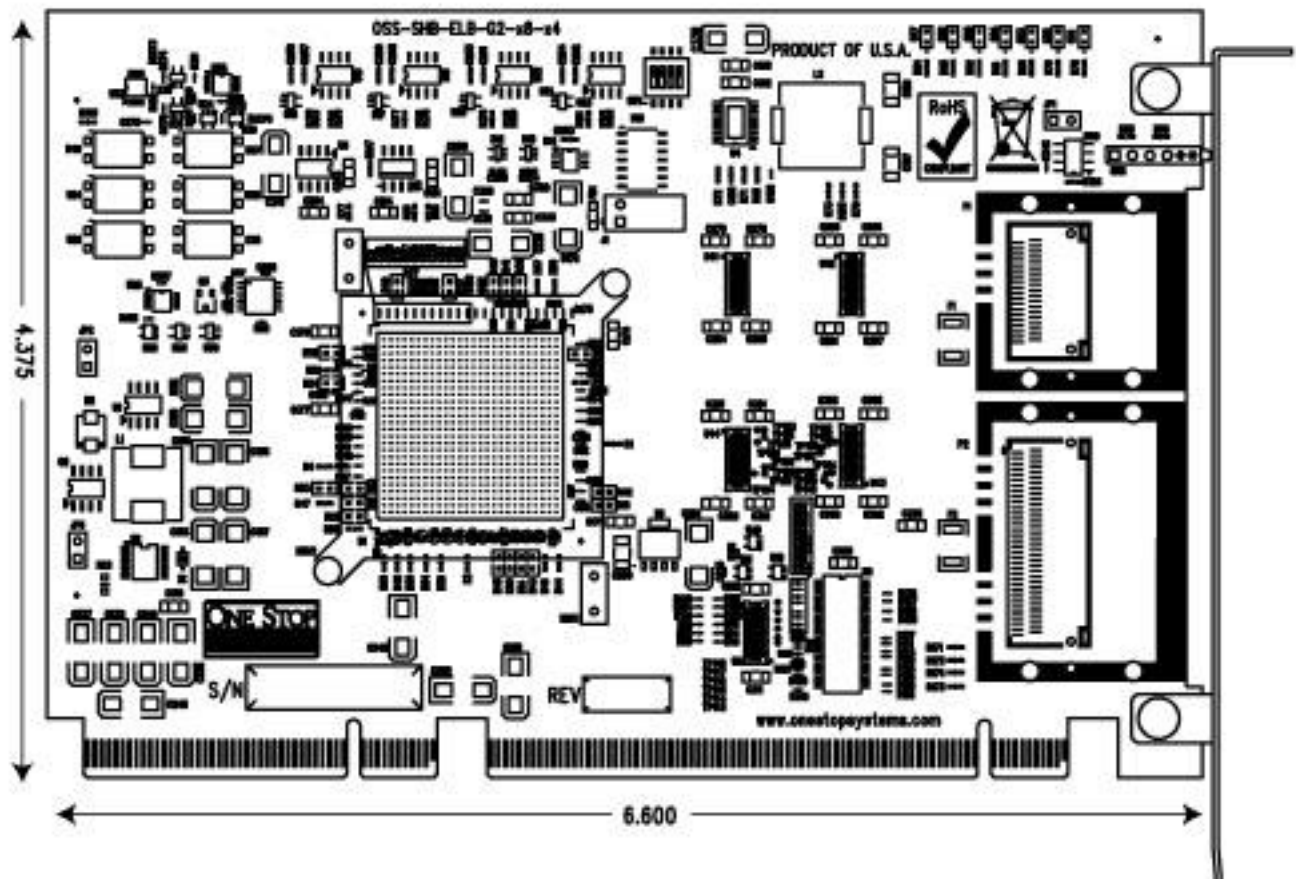


Specifications

PCIe x4 Host Cable Adapter	
Form Factor:	x4 PCIe add-in card
Dimensions (H x L):	2.713 x 4.530 " (69 x 112mm)
Front Panel Connectors:	One PCIe x4 cable connector
Front Panel Indicators:	Power On / Cable Present LEDs
Re-driver:	Pericom PI2EQX5804
Temperature Range:	0° to 50°C (32° to 122°F)
Relative Humidity:	10 to 90% non-condensing
Shock:	30g acceleration peak (11ms pulse)
Vibration:	5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration
Power Consumption:	3.75W typical, 3.3@1.3A
Agency Compliance:	FCC Class B CE RoHS
PCIe Gen 2 two-slot backplane	
Dimension (H x L):	2.2 x 4.5"
Power:	ATX power supply
Form Factor:	2 PCIe x16 slots

PCIe x4/x8 Gen 2 Expansion Link Board	
Form Factor:	PICMG 1.3 SHB Express system slot compliant
Slot Type:	System slot for the expansion chassis
Dimension (H x L):	4.375 x 6.6 in (111 x 161 mm)
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 links, Two x8 and one x4 PCIe Links, 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:	Switch Control: 3 banks of DIP switches for PEX8632 Configuration, Switch Debug Port: Internal JTAG communications header, Heat Sink: On-board fan header provided for optional heat sink fan
Temperature:	0° to 70°C (32° to 158°F)
Storage Temperature:	-40° to 85°C (-40° to 185°F)
Humidity:	10 to 90% non-condensing (operating), 5 to 95% non-condensing (storage)
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 @ 2.5mAmax
Agency	FCC Class B, CE, RoHS

Dimensional Drawings



Specifications subject to change without notice

