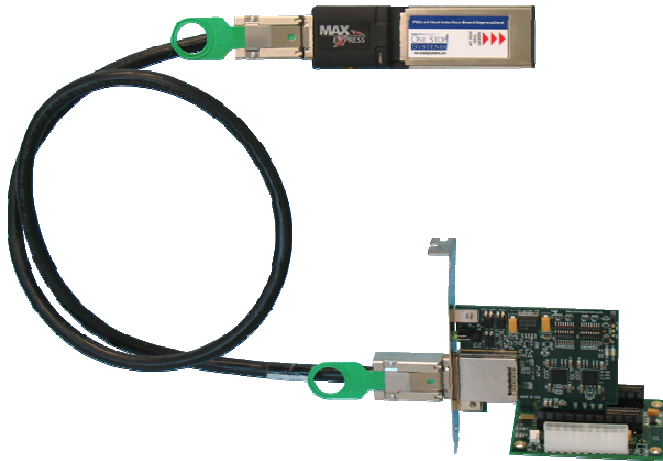


**ONE STOP  
SYSTEMS**

# PCIe x4 Host ExpressCard to Target Kit

Express card, target cable adapter, two-slot backplane and PCIe x4 cable  
OSS-KIT-EXP-500



The host PCIe x4 ExpressCard inserts into the expansion slot of a laptop. The high speed cable allows data transfers to and from the host at 10Gb/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.

## TECHNICAL SPECIFICATIONS

PCIe x4 Host Express card	
Form Factor	Express Card 34 with connector extension
Dimensions (H x L)	1.34" x 4.83" (34mm x 122.6 mm)
Front Panel Connectors	One PCIe x4 cable connector
Front Panel Indicators	Power On / Cable Present LEDs
Redriver	Pericom P12EQX 4401
External Interface	One x4 PCI Express cable connected as x1
Temperature Range	0° to 55°C (32° to 131°F)
Relative Humidity	10 to 90% non-condensing
Shock	30g acceleration peak (11ms pulse) no cable connected
Vibration	5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration
Power Consumption	3W typical, 3.3@1A
Agency Compliance	FCC Class B CE RoHS

PCIe x4 Target Cable Adapter	
Form Factor	x4 PCIe add-in card
Dimensions	(H x L) 2.713 x 3.354" (68 x 86 mm)
Front Panel Connectors	One PCIe x4 cable connector
Front Panel Indicators	Power On/Cable Present LEDs
Redriver	Pericom P12EQX4402
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 3.2"
Power	ATX power supply
Form Factor	2 PCIe x8 slots



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