

# PCIe x16 Gen 3 Host to Target Kit (3810)

Part Number: OSS-KIT-EXP-3810

## FEATURES

- Operates at 128Gb/s
- PCIe x16 switch-based host cable adapter can be inserted into a x16 slot of a host enclosure
- PCIe x16 cable with x16 connectors in 1M, 2M and 3M lengths



The PCIe x16 Gen 3 expansion kit connects a server to one I/O card. The PCIe x16 Gen 3 switch-based cable adapter plugs into a server and cables to a PCIe x16 Gen 3 switch-based target cable adapter. The PCIe x16 3.0 slot backplane supports up to a PCIe x16 Gen3 add-in board.

## SPECIFICATIONS

### PCIe x16 Cable Adapter

Form Factor	PCIe half-card
Operating Temperature	0 °C to +70 °C environment
Storage Temperature	-40 °C to 85 °C
Operating Humidity	10% to 90% relative humidity non-condensing
Storage Humidity	5% to 95% relative humidity non-condensing
Power	1.5A @ 3.3V; 900mA @ 12V; 250mA @ 3.3V (aux)
Connectors	<ul style="list-style-type: none"> <li>• PCIe x16 cable connector</li> <li>• PCIe x16 edge connector</li> </ul>
Industry Specifications	<ul style="list-style-type: none"> <li>• PCIe External Cabling Specification, Rev. 1.0</li> <li>• PCI Express™ Card Electromechanical Specification, Rev. 3.0</li> <li>• PCI Express® Base Specification, Rev. 3.0</li> <li>• ATX Specification, Version 2.2</li> </ul>
PCB	PCI Express add-in card standard PCIe x16 cable PCB thickness .063 +/-0.008 inch (1.6 +/- 0.2mm) Mounting holes for face plate
Switch	PLX 8732
Bracket	<ul style="list-style-type: none"> <li>• Standard and low profile brackets available</li> <li>• Two LEDs on bracket</li> </ul>
Agency Compliance	<ul style="list-style-type: none"> <li>• FCC Class A</li> <li>• CE</li> <li>• RoHS</li> </ul>

### PCIe x16 3.0 slot backplane

Dimensions (H*L)	2.385" W x 6.3" D
Power	12 VDC Max: 84 watts, plus 84 watts with power extension
Form Factor	1 OSS target slot 1 PCIe x16 Gen3 expansion slot