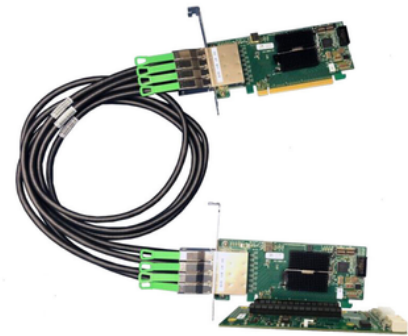


# PCIe Gen3 x16 host-to-target kit

High-performance PCIe Gen3 x16 host-to-target expansion kit for servers and add-in cards

## Features

- PCIe Gen3 x16 for a reliable high-speed connection
- Kit includes: Host adapter, target adapter and PCIe x16 Gen3 slot backplane
- Supports data transfer rates of up to 128 Gbps
- Enables the connection of a server with a single I/O card
- Compatible with PCIe x16 Gen3 add-in boards



## PCIe Gen3 x16 host-to-target expansion kit – High-performance PCIe expansion solution

The PCIe Gen3 x16 Host-to-Target Expansion Kit provides a direct, high-performance connection between a server and a PCIe I/O card. It utilizes a switch-based PCIe Gen3 x16 cable adapter that plugs into the server and connects to a PCIe Gen3 x16 target adapter via a high-speed cable.

### Seamless PCIe Gen3 x16 connection between server and I/O expansion card

This kit provides a PCIe Gen3 x16 backplane that supports a PCIe x16 Gen3 add-in card. Using the PCIe 3.0 standard, the system achieves a data transfer rate of up to 128 Gbit/s, which ensures optimum performance for high-speed I/O processes.

The PCIe Gen3 x16 host-to-target kit is ideal for data centers, industrial applications and performance-intensive workloads. It enables direct PCIe expansion, minimizing data transfer bottlenecks and maximizing system capacity.

PCIe Gen3 x16 host-to-target kit – PCIe x16 cable adapter	
<b>FEATURES</b>	
Form Factor	Half-height / half-length PCIe card
Connectors	SFF-8644 cable input receptacle PCIe x16 edge connector 4x mini-SAS x4 cables
Industrial Specifications	PCIe External Cabling Specification, Rev. 1.0 PCI Express™ Card Electromechanical Specification, Rev. 3.0 PCI Express® Base Specification, Rev. 3.0 ATX Specification, Version 2.
PCB	PCI Express add-in card standard PCIe x16 cable PCB thickness 1.6 +/- 0.2mm Mounting holes for face plate
PCIe Switch	Broadcom PLX PEX8733
Bracket	Standard and low profile brackets available Two LEDs on bracket
<b>ENVIRONMENTAL</b>	
Power Consumption	1.5A @ 3.3V; 900mA @ 12V; 250mA @ 3.3V (aux)
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Humidity	Operation: 10% ~ 90%, non-condensing Non-Operation: 5% ~ 95%, non-condensing
Certifications	FCC Class A, CE, RoHS 3

PCIe Gen3 x16 host-to-target kit – PCIe Gen3 x16 slot backplane	
<b>FEATURES</b>	
Form Factor	PCIe expansion backplane
Slots	1x OSS PCIe Gen3 x16 target slot 1x PCIe Gen3 x16 Expansion slot (x16 mechanical)
Power Connection	12 VDC Max: 84 watts, plus 84 watts with power extension
Dimensions	60.6 x 160mm