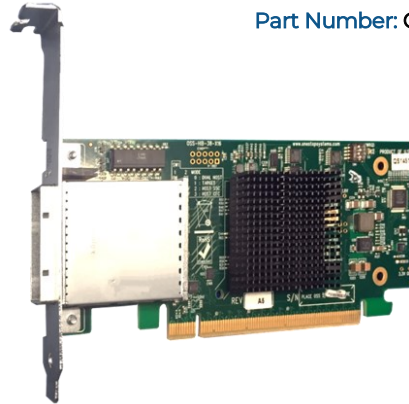# PCIe x16 Gen 3 Switch-based Cable Adapter

Part Number: OSS-PCIe-HIB38-x16

FEATURES

- Operates at up to 128Gb/s at PCIe Gen 3 speeds
- Requires no additional software
- Half-card form factor
- Switch-based board can operate in host or target mode

PCIe x16 Gen 3 switch-based cable adapter with an NT port and a DMA controller. The cable adapter operates in I/O expansion or networking mode with a DIP switch setting change.

SPECIFICATIONS

Form Factor	PCIe x16 half-height, half-length
Dimensions	5.85 x 2.34" (14.85 x 5.94 cm)
Power	17W max 1.5A @ 3.3V 900mA @ 12V 250mA @ 3.3V aux
Connectors	PCIe x16 Cable connector: Molex 0755810009 per PCI-SIG PCI Express® External Cable Specification 2.0
Operating Temperature	0˚C to +50˚C
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
PCB	PCI Express add-in card standard Thickness .063 +/-0.008 inch (1.6 +/- 0.2mm)
PCIe Switch	PLX PEX8733 8.0 GT/s 32-Lane PCI Express Gen 3 Switch DMA controller SSC Isolation
Bracket	Standard and low profile brackets available Two LEDs on bracket: Upstream link status & Downstream link status
Agency Compliance	Certified to the following agency standards: o FCC - Part 15 Class A, 47CFR; Canada ICES-003, issue 4, Class A; Japan: VCCI, Class A; CE Emissions 2004-108EC o UL/IEC 60950-1; Canada: CSA C22.2 No. 60950-1; Argentina: IEC60950-1; IEC 60950-1 (CB Certificate and CB Test Report) o CE Mark (EN55022 Class A, EN60950-1, EN55024, EN61000-3-2, EN61000-3-3) o CISPR 22, CISPR 24, Class A; Australia/New Zealand AS/NZS CISPR 22, Class A o RoHS 6 of 6 compliance (Directive 2002/95/EC)