



# PCIe x16 Gen 3 Switch-based Cable Adapter

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.

PN: 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



## Specifications

<b>Form Factor:</b>	PCIe x16 half-height, half-length
<b>Dimensions:</b>	5.85 x 2.34" (14.85 x 5.94 cm)
<b>Power:</b>	17W max 1.5A @ 3.3V 900mA @ 12V 250mA @ 3.3V aux
<b>Connectors:</b>	PCIe x16 Cable connector: Molex <a href="#">0755810009</a> per PCI-SIG PCI Express® External Cable Specification 2.0
<b>Operating Temperature:</b>	0°C to +50°C
<b>Storage Temperature:</b>	-40°C to 85°C
<b>Operating Humidity:</b>	10% to 90% relative humidity non-condensing
<b>Storage Humidity:</b>	5% to 95% relative humidity non-condensing
<b>PCB:</b>	PCI Express add-in card standard Thickness .063 +/-0.008 inch (1.6 +/- 0.2mm)
<b>PCIe Switch:</b>	<ul style="list-style-type: none"> <li>• PLX PEX8733</li> <li>• 8.0 GT/s 32-Lane PCI Express Gen 3 Switch</li> <li>• DMA controller</li> <li>• SSC Isolation</li> </ul>
<b>Bracket:</b>	Standard and low profile brackets available Two LEDs on bracket: Upstream link status & Downstream link status
<b>Agency Compliance:</b>	Certified to the following agency standards: <ul style="list-style-type: none"> <li>• FCC - Part 15 Class A, 47CFR; Canada ICES-003, issue 4, Class A; Japan: VCCI, Class A; CE Emissions 2004-108EC</li> <li>• UL/IEC 60950-1; Canada: CSA C22.2 No. 60950-1; Argentina: IEC60950-1; IEC 60950-1 (CB Certificate and CB Test Report)</li> <li>• CE Mark (EN55022 Class A, EN60950-1, EN55024, EN61000-3-2, EN61000-3-3)</li> <li>• CISPR 22, CISPR 24, Class A; Australia/New Zealand AS/NZS CISPR 22, Class A</li> <li>• RoHS 6 of 6 compliance (Directive 2002/95/EC)</li> </ul>