

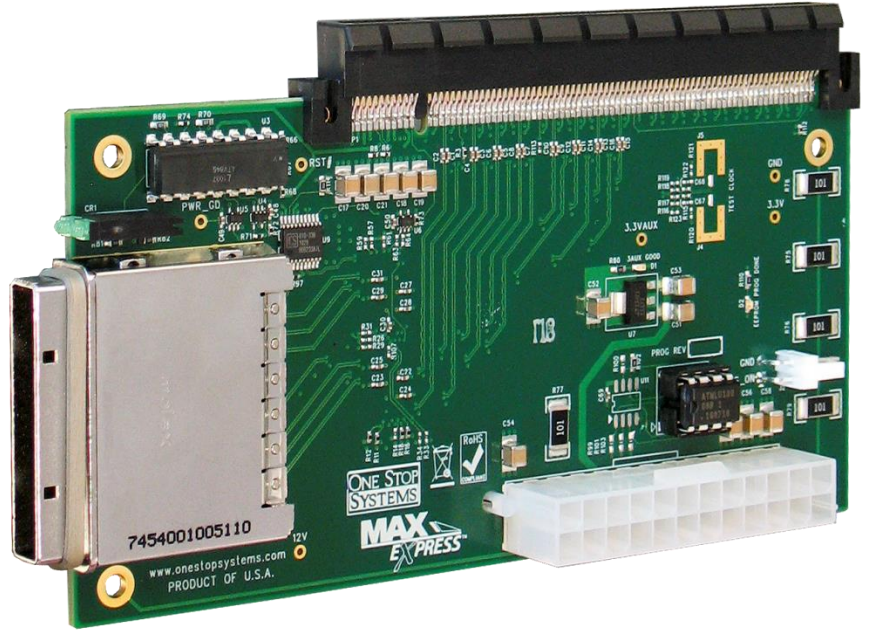
# PCIe x8 Gen 3 Embedded Cable Adapter

PCIe x8 Gen 3 embedded cable adapter is a free-standing adapter board that expands the PCIe bus from a PCIe x8 cable connector to a x16 connector utilizing a PCIe x8 link.

PN: OSS-PCIe-ECA-x8

## Features

- Operates at up to 64Gb/s at PCIe Gen 3 speeds
- Versatile board installs in small space
- Requires no additional software
- Supports any PCIe x1, x4, x8 or x16 add-in card
- ATX power connector provides power to the card edge connector for the add-in board
- Power and cable present LED on front panel



## Specifications

<b>Form Factor:</b>	PCIe low profile
<b>Dimensions:</b>	5.30 x 2.70" (13.46 x 6.85 cm)
<b>Power:</b>	370mA @3.3V
<b>Connectors:</b>	<ul style="list-style-type: none"> <li>• PCIe x8 cable connector</li> <li>• PCIe x16 slot connector</li> <li>• ATX connector for input power</li> </ul>
<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>• National Semiconductor DS80PCI402</li> <li>• 2 8GT/s four lane repeater</li> </ul>
<b>LEDs:</b>	Front panel: <ul style="list-style-type: none"> <li>• Cable present LED</li> <li>• Power good LED</li> </ul>
<b>Agency Compliance:</b>	Designed to meet: FCC Class A CE RoHS

# Block Diagram

