



PCI Express Host Cable Adapter (HIB5)

Product #OSS-PCIe-HIB5-x4



Description

The Host Cable Adapter is a PCIe x4 board that provides 2 or 4 (with optional mezzanine card) downstream PCIe x4 links for Super Switch 2 configurations using ExpressNet software.

Product Features

- PCI Express-over-cable networking for 3 to 5 PCs
- 4.3773" High x 5.135" Wide (101.6 x 130.4 mm)
- The OSS-HIB5 uses the PLX PEX8525 switch chip in a 5 port trent configuration.
- Upstream card edge port is a x8
- Downstream cable ports are all x4
- Main and Mezzanine cards provide 2 cable ports each
- Host mode only PCI Express full height card form factor
- Differential reference clock is provided through the card edge by the upstream host system

Specifications

Form Factor	• PCIe x8 add-in card
Front Panel Connectors	• Two or four PCIe x4 cable connectors
Front Panel Indicators	• Cable Port Status LEDs (one for each connector)
Dimension (H x L)	• 4.3773 x 5.135 inches (101.6 x 130.4 mm)
Power Consumption	• 6.5W maximum (3.2W @ 3.3V, 3.3W @ 12V)
PCI Express Switches	• PLX PEX8525
Environmental Operating	<ul style="list-style-type: none"> • Temperature: 0° to 50°C (32° to 122°F) • Humidity: 10 to 90% non-condensing • Shock: 30g acceleration peak (11ms pulse) • Vibration: 5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration, no cable connected
Pending Compliance	• UL60950, FCC Class B, CE safety and emissions

Ordering Information

Product #OSS-PCIe-HIB5-x4
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