

# OSS-KIT-EXP-4500

## PCIe x4 Gen 2.0 Host-to-cPCI Kit / Server to cPCI backplane

PCIe x4 expansion kit with PCIe x4 host cable adapter, 3U CompactPCI expansion board, and PCIe x4 2M cable. Expands to 7 peripheral slots.

PN: OSS-KIT-EXP-4500

### Features

- The host adapter card inserts into a PCI Express slot on the host motherboard. The high speed cable allows data transfers to and from the host at 10Gb/s.
- The 3U CompactPCI expansion bridge board installs in downstream cPCI system slot seamlessly connecting a downstream I/O device to the host computer without software.



## Specifications

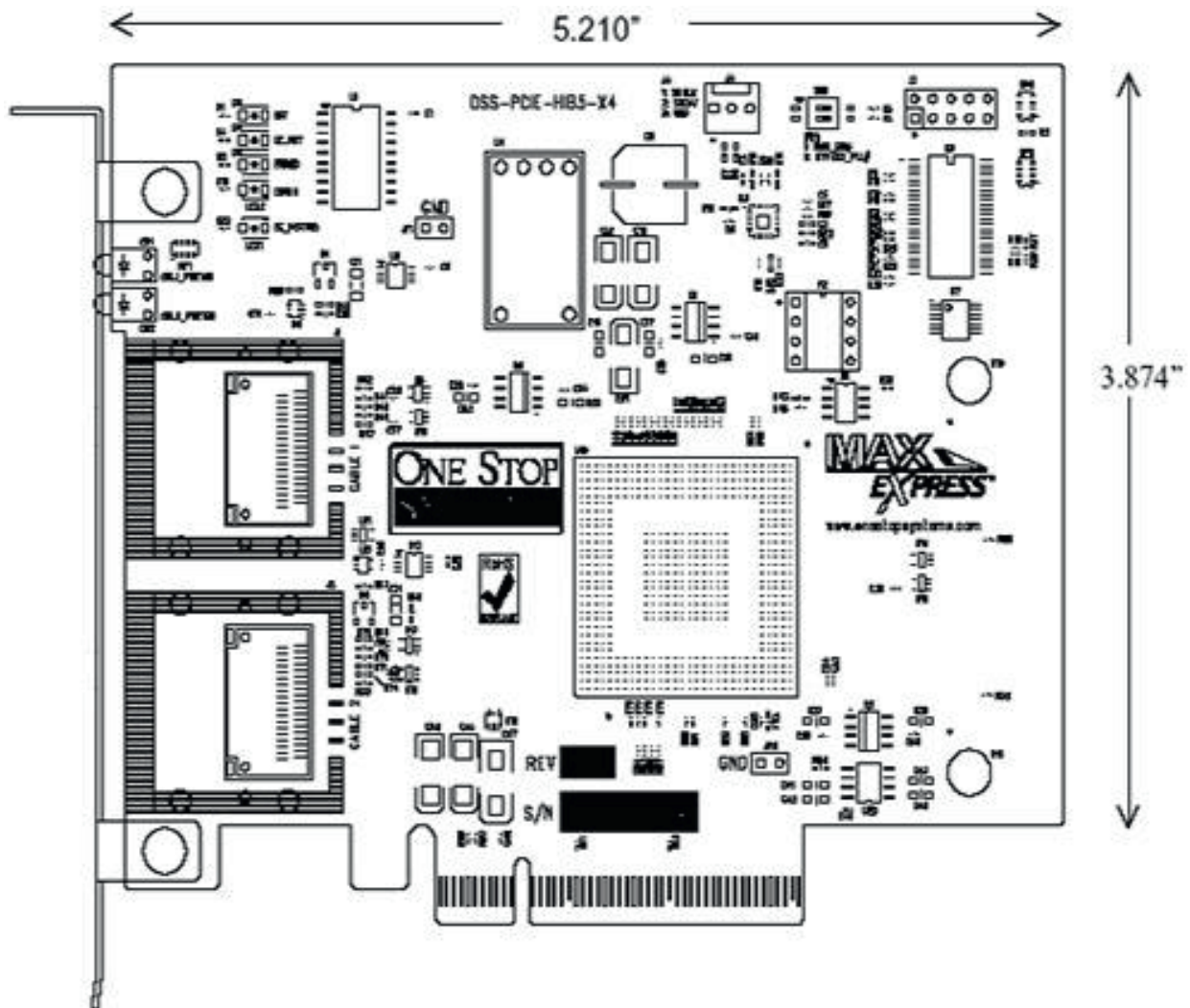
PCIe x4 Host Cable Adapter	
Form Factor:	x4 PCIe add-in card
Dimensions (H x L):	2.713 x 3.354" (68 x 86mm)
Front Panel Connectors:	One PCIe x4 cable connector
Front Panel Indicators:	Power On / Cable Present LEDs
Re-driver:	Pericom PI2EQX4402
Temperature Range:	0° to 50°C (32° to 122°F)
Relative Humidity:	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
Power Consumption:	3.75W typical, 3.3@1.3A
Agency Compliance:	FCC Class B CE RoHS

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3U CPCI Host Expansion Board (HEB2)	
CPCI Interface:	32 or 64 bit at 66 or 33MHz , 3.3V I/O only. Internal arbiter supports up to 4 external masters. Seven CPCI slots (up to 7 PCI clock/bus requests). Enhanced Intel SpeedStep Technology
Cable Interface:	Single port x4 link width, 100MHz reference clock 256 byte maximum payload size Automatic link training (auto-negotiate to largest common width) Advance flow control, CRC and error reporting
Electrical/Mechanical:	3U or 6U CPCI, PICMIG 2.0-compliant, single slot. CPCI system master or peripheral slot. 3U [H x L x W] dimensions of 3.937 x 6.299 x 0.6" (100 x 160 x 1.6mm), 6U [H x L x W] dimensions of 7.8 x 6.299 x 0.6" (200 x 160 x 1.6mm), 32/64-Bit/33/66MHz. CPCI bus on connectors J1 & J2, Four green front panel Indicators, Automatic downstream select cable dip switches
Temperature Range:	0° to 50°C (32° to 122°F)
Relative Humidity:	5 to 90% non-condensing
Shock:	30g acceleration peak (11ms pulse)
Vibration:	5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration

### Dimensional Drawings



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