



PCIe x4 Host to CPCle 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

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



