

3U CPCI Host Expansion Board

3U PCIe x4 expansion board installs in the downstream CPCI/PXI slot with x4 cable connector on front panel. Expands to 7 peripheral slots.

PN: OSS-CPCI-3U-HEB2-x4

Features

- Expands the PCI Express bus from a PCIe slot to a CompactPCI system at 20Gb/sec
- Provides complete software transparency between systems with optimal system performance



Specifications

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 Molex 75586-0010 connector
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) Tundra Tsi384 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
Agency Compliance:	+Designed to meet UL 60950, FCC Class B, CE safety and emissions