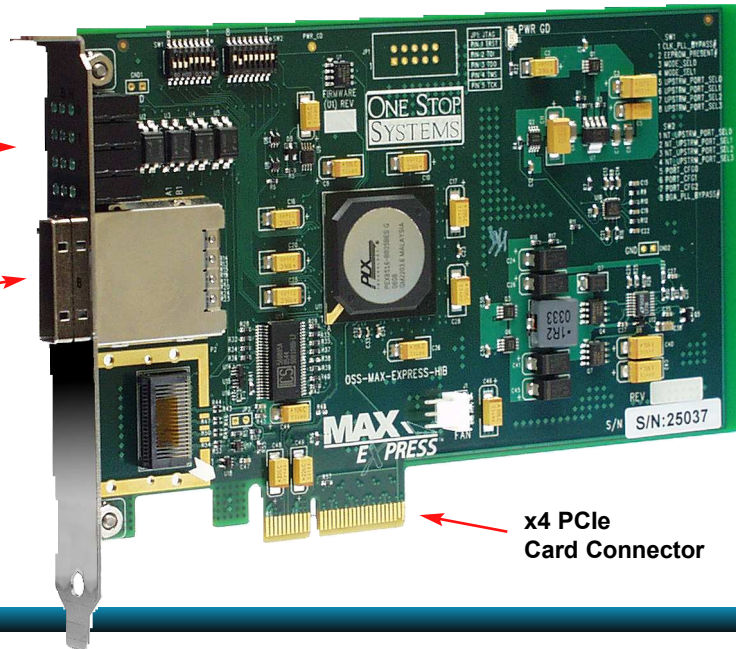


Target Host Interface Board (HIB1-T)



Lane Active LEDs

x4 PCIe Connector Port



x4 PCIe Card Connector

The MAX Express Target Host Interface Board (HIB1-T) operates in One Stop Systems' custom 2-slot backplane. Sitting in the host slot of the backplane, the HIB1-T extends the PCIe bus to a single add-in board via a PCIe x4 cable. Two banks of DIP switches allow for chip (PEX 8516) configuration.

ELECTRICAL/MECHANICAL SPECIFICATIONS

Form Factor: x4 PCIe add-in card

Dimensions (H x D): 4.4 x 6.4 in (111 x 161 mm)

Switch: PLX PEX8516

External Interface: One PCIe Cable Rev. 0.4 x4 port connector

Front Panel Connectors: Molex 75586-0010

Front Panel Indicators:

- Bank of 4 Downstream Lane Active Indicators (green)
- Bank of 4 Upstream Lane Active Indicators (green)
- Bank of 4 Host Lane Active Indicators (green)

Switch Control:

Two banks of DIP Switches for PEX8516 configuration

Heat Sink:

On-board fan header provided for optional heat sink fan

Operating Systems:

Windows 2003, Windows XP, Linux

Vendor/BIOS Dependent. Call factory for compatibility.

Supported Modes:

Upstream Host Interface (default)

Host-to-Host Link (may require additional software)

Downstream Target (-T model only)

POWER CONSUMPTION

10W typical

+12V @ .5, 3.3V @ 1.25A, 5Vaux @ 2.5mA

OPERATING ENVIRONMENT⁺

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

+Designed to meet UL 60950, FCC Class B, CE safety and emissions

AGENCY COMPLIANCE

UL 60950, FCC Class B, CE safety and emissions

ORDERING OPTIONS

OSS-HIB1-x4: Host Interface Board

OSS-HIB1-x4-T: Target Interface Board

Cables:

OSS-CABLE-PCIe-x4-.5M: 0.5 meter cable

OSS-CABLE-PCIe-x4-1M: 1 meter cable

OSS-CABLE-PCIe-x4-2M: 2 meter cable

OSS-CABLE-PCIe-x4-3M: 3 meter cable

OSS-CABLE-PCIe-x4-5M: 5 meter cable

OSS-CABLE-PCIe-x4-7M: 7 meter cable

WARRANTY

Two years



Specifications are subject to change without notice.
+ Designed to meet these conditions.



2235 Enterprise, Suite 110
Escondido, CA 92029
877-GET-PCPI (toll free)
760-745-9883
760-466-1678 Fax
www.onestopsystems.com