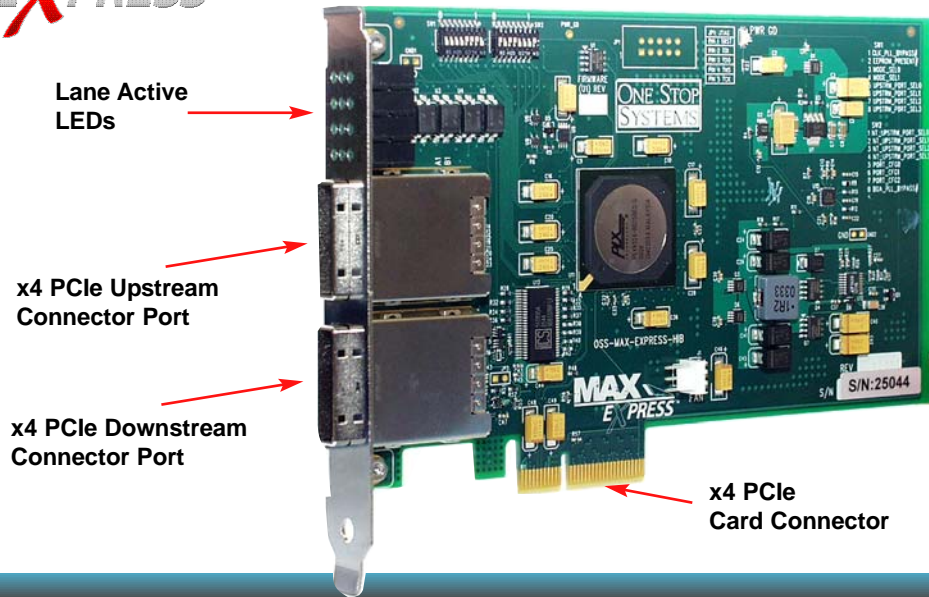


Host Interface Board (HIB1)



The MAX Express Host Interface Board (HIB1) is a x4 adapter card that can occupy a x4, x8, or x16 connector. Using a PCIe x4 cable, the HIB1 extends the host bus to a downstream expansion system. With user-defined software, the HIB1 can also create a high-speed link between two host systems. The connectors are keyed for proper insertion of the PCIe x4 connector cable. The downstream port is used when linking to an expansion system, and the upstream port is used when connecting to a second host system.

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: Two PCIe Cable Rev. 0.4 x4 port connectors

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.



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