



ADLPCle-PCI: PCIe Bus to PCI Bus Bridge Adapter

Features

- Pericom PCIe to PCI Bridge Chip
- 2 Additional USB 2.0 from Host SBC via PCIe Bus
- Single PCIe x1 Lane Converted to 4 PCI Loads
- Provides Legacy PCI-104 Support in PCIe/104 System
- Standard PCIe/104 Form Factor
- Compatible with third-party PCIe/ 104 Boards
- Temperature range -40C - +85C



Ordering Information

Item Code	Part #	Description
ADLPCle-PCI	299940	PCle/104 x1 PCIe to PCI Bus Adapter

Description

The ADLPCle-PCI bridge card enables the upgrade of existing PCI platforms to PCIe/104-based SBCs while maintaining legacy support for PCI peripherals. For example, current systems utilizing our PCI/104 ADL945PC or PC/104+ ADL855PC can incorporate our latest second and third generation Intel® Core™ SBCs while maintaining legacy PCI support.

The ADLPCle-PCI PCIe/104 bus adapter converts a single PCIe link lane (x1) into up to four 32-bit PCI loads operating at 33/66 MHz; allowing legacy PCI-104 and PC/104-Plus cards to be connected in a PCIe/104 system stack. The ADLPCle-PCI also provides connection of an additional 2 USB ports routed from the host SBC over the PCI Express bus.

Technical Specifications

Board Feature	Description
Bridge Controller	Pericom® PI7C9X111SL
USB 2.0	2x ports from host via PCIe bus
PCI Express Feature	
Physical Layer Interface	PCIe/104 Type 1 x1 link at 2.5GT/s data rate
PCI Express to PCI/PCI-X Bridge	Specification Revision 1.0 compliant
PCI Feature	
Physical Layer Interface	PCI-104 32-Bit / 66MHz
Capacity	Up to four PCI loads (Masters)

Data subject to change without notice