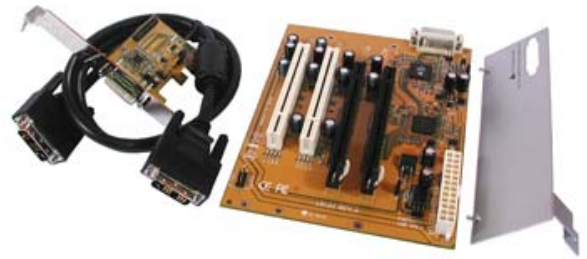


PCIe to PCIx2 + PCIe2 Expansion Kit

- ✓ Full x1 PCI Express Throughput, 250Mbytes/sec
- ✓ Fully Compliant with PCI Express Base Specifications, Revision 1.0a
- ✓ PCI Express Advanced Error Reporting Capability Including ECRC Support
- ✓ Expands 2 PCI and 2 PCIe Slots over PCI Express Slot
- ✓ Can Plug 16-lane PCIe Card (with only 1-lane Signal)
- ✓ PCI Slots are fully Compliant PCI Bus Rev. 2.3
- ✓ Supports both 5V and 3.3V Add-in Cards
- ✓ Supports Cable Length up to 2 meters
- ✓ Low Profile Version is Available with Short Bracket PCI Express card
- ✓ Supports Standard ATX Motherboard Form Factor
- ✓ Can be Installed in the any Standard ATX Chassis
- ✓ Extended Virtual Channel (VC) Support
Includes a Second VC for Quality-of-Service and Isochronous Applications



INTRODUCTION

The PCI Express to 2 PCI and 2 PCIe Slots Expansion Kit is specially designed to expand 2 extra PCI and PCIe slots from a PCI Express Slot. It includes a PCIe adapter card, a cable, an ATX chassis bracket and the slot expansion board. The board is powered by the standard ATX power supply within the chassis. It provides instant PCI and PCIe bus expansion via the PCI Express Bus (PCIe).

The PCIe slots are 1-lane form factor sockets to plug any PCI Express add in, **the bandwidth is only 1-lane since upstream port is only 1-lane.**

PCI Express provides a scalable, high-speed, serial I/O bus that maintains backward compatibility with PCI applications and drivers. Its architecture defines a high-performance, point-to-point, scalable, serial bus at speed of 250Mbytes/sec to 4GBytes/sec (and 8Gbytes/sec in the future).

The PCI slots of the box are fully Plug-and-Play compatible and no IRQ and I/O address conflict problems. The provides the scalability to quickly adapt to new PCI Express technologies for legacy PCI add-in cards. It allows you to add PCI connectivity as needed. The complete product line offer many choices help you to expand and make your I/O resource grow with your requirements.

SPECIFICATIONS

System

Fully Compliant with x1 PCI Express Base Specifications 1.0a

PCI Slots

The provides 2 PCI Slots. Their key benefits are:

- Provides four 32-bit/33HMZ PCI Slots
- Fully PCI Specifications 2.3 Compliant
- Supports both 5V and 3.3V Fault Tolerance Option
- Advanced PCI Bus Port Arbitration Options Include 128-phase, Weighted Round-Robin Time-Based and 128-phase, Weighted Round-Robin Aggressive Time-Based
- Advanced PCI Isochronous Windows for Memory Space Mapping to a Specified Traffic Class

PCIe Slots

The provides 2 PCIe Slots. Their key benefits are:

- PCI Express Base Specifications 1.1 Compliant
- Provides 16-lane wide slots for all types PCIe cards
- 1-lane PCIe signal support.

I/O Hardware

Host Connector: One 24-pin Connector for PCI Express Host cable

ATX 2x12 Power Connector: One standard 2x12 ATX Power Input Connector to be powered by Standard ATX PC Power Supply

Environmental Specifications

Operating Temperature: 0 to 55°C (32 to 131°F), 10% to 90% relative humidity (non-condensing)

Storage Temperature: -40 to 75°C (-40 to 167°F), 5% to 95% relative humidity (non-condensing)

Form Factor

6.700x5.314" (17.01x 13.50cm)