





## INTRODUCTION

The ExpressCard, the advanced PC card slot appearing in many new Notebook system, boasts superior performance and lower power consumption comparing to the aging Cardbus or PCMCIA slot. The Addonics PCI-E to ExpressCard Controller provides a quick and simple solution for adding an ExpressCard socket to any Desktop. It is an ideal solution for sharing any ExpressCard adapter between the Notebook and the Desktop computer.

## FEATURES

- Supports ExpressCard 34 and ExpressCard 54 form factors.
  - Install into both standard height or low profile systems.
  - Install in PCI-Express BUS
  - USB 2.0/1.1 connector and USB 5 pin header for USB host connection.
  - Spring eject mechanism for easy installation of ExpressCard
  - Four onboard voltage indicators
  - Maximum 2.5 Gbits/sec per port
  - Hot swap support\* - cards can be plugged and unplugged without system power-off or reboot.
  - Compatible with Windows 2000, Windows XP, Windows 2003, Vista
- \* hot swap or activating the controller requires one of the following conditions:
- ExpressCard device must be ed into the PCI-E to ExpressCard controller prior to system boot up to activate the controller. Afterwards, ExpressCard can be removed or re with the same or different ExpressCard
  - Motherboard must have special hardware and the appropriate ACPI firmware incorporated into the BIOS. This firmware, in addition to handle the hardware, must also account for different OS capability. Windows 2000, Windows 2003, and Windows XP are all non PCI-E aware OS and will not support hot swap.

## SPECIFICATIONS

- Support ExpressCard 34 and ExpressCard 54 form factor.
- Installs into both standard height or low profile systems.
- Supports 1-lane 2.5Gbps PCI Express
- Hot-plug capability
- USB type B connector and USB 5Pin pin header for USB host connection.
- Temperature: Operating 0 to 70 degree C.
- Storage: -25 to 90 degree C.
- Humidity: Operating 20% to 80%
- Non Operating 15% to 90%
- Dimension (W x D x H) - 95 mm x 12 mm x 69 mm.
- Four onboard voltage indicators
  -  3.3Vout
  -  1.5Vout
  -  Vaux
  -  OverCurrent
- 8 Status/Control Pin Headers

### PCI-E to ExpressCard Controller

