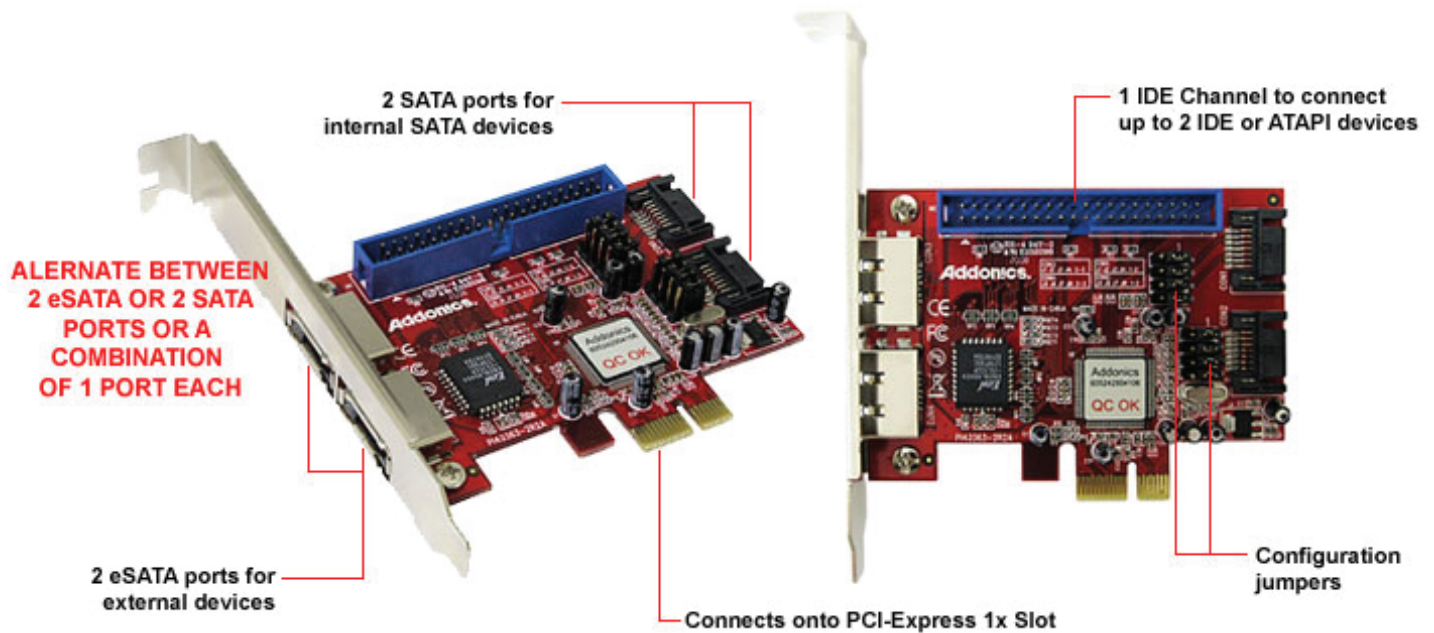


INTRODUCTION

This new Addonics PCI-E combo controller enable the addition of 2 SATA ports and 1 IDE channel all via one single PCI-Express 1X slot. For added flexibility, the two SATA ports can be configured as eSATA (external SATA) or internal SATA ports. The built-in RAID firmware supports various RAID setting for the two SATA ports and the IDE channel and can also combine both the SATA and IDE hard drives into one RAID set. Together with support for Port Multiplier on the two SATA ports, this combo controller is really feature rich and also priced attractively.



FEATURES

- Connect up to 2 SATA or 2 eSATA devices or a combination of one device each
- Connect up to 2 IDE or ATAPI devices
- Create RAID 0, 1, 0+1 (when using both SATA/eSATA and IDE devices), JBOD, and individual drives
- Install in PCI-Express 1x BUS
- Fully compliant with SATA II and SATA 1.0 standard
- Maximum 3Gbits/sec per port
- Support NCQ commands
- Compatible with Port Multiplier
- Compatible with Windows 2000, XP, 2003, Vista 32bit, Vista 64bit, Linux (2.4 kernel and higher)
- Hot swap support - drive can be removed and added without system shut down or restart *
- List of Linux Distributions compatible with Addonics SATA Host Controllers

* Hot swapping hard drive has been tested on Windows OS only. When drives are configured as RAID 0 and certain RAID combination, the removal of the hard drive will result in breaking the RAID set and result in data loss.

SPECIFICATIONS

- Compliant with 1-lane 2.5Gbps PCI Express specification
- Compliant with Serial ATA 1.0 specification
- Supports Serial ATA Generation 2 transfer rate of 3.0Gbps
- Supports Native Command Queuing (NCQ) on SATA ports
- Supports Port Multiplier with Command-based Switching on SATA ports
- Provides three independent channels to connect two SATA and one PATA hard disk drive
- Supports up to UDMA6 transfer mode of IDE
- Supports ATAPI devices through both IDE and SATA connection
- Supports up to 4 storage devices simultaneously
- Supports RAID 0, 1, 0+1, JBOD, and individual drives
- The operation temperature: 0 C ~ 55 C
- Storage temperature: -20 ~ 85 C
- Hot-plug capability
- Supports Windows 2000, XP, 2003, Vista 32bit, Vista 64bit
- RoHS Compliant