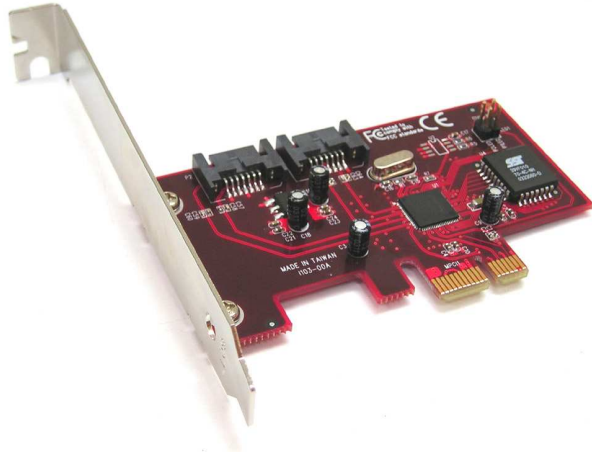




LyCOM Technology Inc.

PE-103  SATA II – 3Gbps Internal 2Ports PCI-Express Host



**2Ports 3Gbps SATA II with NCQ, Port Multiplier in PCI Express 1X host!**

This PCI Express Host Adapter can upgrade your desktop computer to have two SATA II Channels. The board provides a 1X 2.5Gbps PCI Express interface on the host side and dual, fully compliant SATA II 3Gbps ports on the device side to access Serial ATA **storage devices** such as hard disk drive, ZIP drive, CD-ROM, CD-RW, DVD-ROM.

## FEATURES

- **48 bits LBA can Break Capacity-Limit to Support HDD larger than 137GB**
- Supports 1-lane 2.5Gbps PCI Express
- Hot-plug capability
- Supports SATA II transfer rate of 3.0Gbps
- Fully compliant with Serial ATA 1.0 specifications
- Supports two independent Serial ATA channels
- Independent Link, Transport, and data FIFO
- Independent command fetch, scatter/gather, and command execution
- Supports Legacy Command Queuing (LCQ)
- Supports **Native Command Queuing (NCQ)**
- Supports Non-zero offsets NCQ
- Supports Out of order data delivery NCQ
- Supports FIS-based switching with **Port Multipliers**
- 31 Commands and Scatter/Gather Tables per Port
- Two Pin headers on board for LED connection
- Completely with drivers for Windows NT, Windows 2000, Windows XP and Windows Server 2003