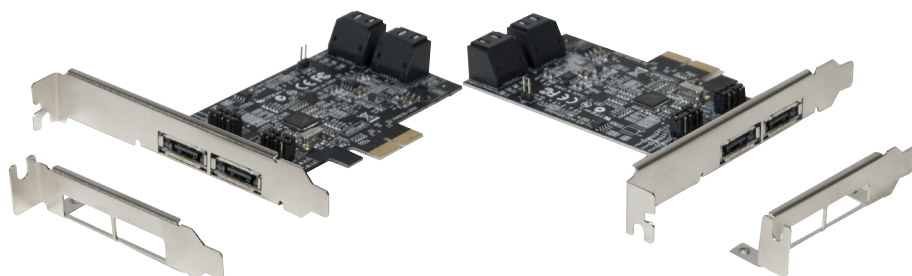


PCI Express SATA III Adapter 6Gbps- 4 SATA+2 eSATA Ports



DESCRIPTION

This board is a single-chip, PCI Express to four SATA Gen III 6Gb/s channels host controller that brings server-class features to the desktop.

This board enables the use of the industry's newest and fastest hard drives at 6Gb/s while providing backward compatibility to legacy SATA 1.5Gb/s or 3Gb/s drives. It uses the same cable and connectors as previous SATA generations to ease integration. Besides, PCI Express 2.0 double the bandwidth of the existing PCI Express bus for faster data throughput.

Using the onboard RAID firmware, the 4 SATA drives attached to this controller can be easily configured as 4 individual ports with no RAID or with RAID 0, RAID 1, RAID 10, and HyperDuo modes.

Product features:

- Compliant with PCI-Express Specification v2.0 and backward compatible with PCI-Express 1.x
- Compliant with Serial ATA Specification 3.0
- PCI Express x2 interface, compatible with PCI Express x4, x8 and x16 slots
- Supports communication speeds of 6.0Gbps, 3.0Gbps, and 1.5Gbps
- Hot plug and Hot Swap
- Supports Native Command Queuing (NCQ)
- Supports Port Multiplier FIS based switching or command based switching
- Compatible with SATA 6G, 3G and 1.5G Hard Drives
- Supports RAID function: RAID 0, RAID 1, RAID 10 and HyperDuo
- Supports Windows® XP/Vista/7/8 and Server 2008 R2

TECHNICAL CHARACTERISTICS

Brand : GENERIQUE

Part number : DEX-306084