

2 Port PCI Express Internal SATA II Controller Card

StarTech ID: PEXSATA22I



This 2 Port PCI Express Internal Serial ATA Controller Card adds two internal SATA II (SATA /300) ports to a computer through simple installation into an available x1 PCI Express slot.

Supporting data transfer speeds of up to 3.0 Gbps, the SATA controller card features Native Command Queuing support to ensure optimum performance.

Using a native PCI Express single chipset, the internal SATA controller card provides enhanced compatibility, reliability and performance for your storage needs.

The controller card includes both standard form factor and low profile brackets, allowing you to add SATA capability to virtually any PCI Express enabled computer, regardless of the case form factor

Applications

- Add internal SATA capabilities for high speed storage to a workstation or server
- Upgrade from slower external connection methods to native SATA connectivity
- Expand on a full or low profile/small form factor (SFF) computer's storage capabilities

Features

- 2 internal SATA ports
- 48-bit Logical Block Addressing (LBA)
- Boot ROM enabled
- Drive Hot-Plugging support
- Support for Native Command Queuing
- Fully compliant with the Serial ATA 1.0 specifications with transfer rates up to 3.0Gbps
- Uses native PCI Express single chipset
- Includes a Low Profile installation bracket

Technical Specifications

| | |
|----------------------------|--|
| Warranty | Lifetime |
| Ports | 2 |
| Interface | SATA |
| Bus Type | PCI Express |
| Card Type | Standard Profile (LP bracket incl.) |
| Chipset ID | JMicron - JMB366 |
| Connector Type(s) | 1 - PCI Express x1 Male |
| Internal Ports | 2 - SATA (7 pin; Data) Plug |
| Maximum Data Transfer Rate | 3Gbps |
| Type and Rate | SATA II (3 Gbps) |
| Port Multiplier | No |
| RAID | No |
| Supported RAID Modes | JBOD - (Just a Bunch of Disks) |
| Supported RAID Modes | RAID 0 (Striped Disks) |
| Supported RAID Modes | RAID 1 (Mirrored Disks) |
| OS Compatibility | Windows 2000/ XP(32/64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit) Linux |
| Product Length | 4 in [102 mm] |
| Product Width | 4.7 in [120 mm] |
| Product Height | 0.8 in [20 mm] |
| Product Weight | 1.6 oz [44.2 g] |
| Note | 2.0 compliant/compatible with 2.0 slots for PCI Express |
| Shipping (Package) Weight | 0.3 lb [0.1 kg] |
| Included in Package | 1 - PCI Express SATA Card |
| Included in Package | 1 - Full Profile Bracket |
| Included in Package | 1 - Driver CD |
| Included in Package | 1 - Instruction Manual |

Certifications, Reports and Compatibility

