

4 Port PCI SATA RAID Controller Adapter Card

StarTech ID: PCISATA4R1



Make the jump to Serial ATA performance with a four-port RAID card from StarTech.com. You get four RAID-ready internal Serial ATA ports for your high performance Serial ATA hard drives. Whether you need Striping (RAID 0), Mirroring (RAID 1), or both (RAID 0+1), this card has you covered.

The PCISATA4R1 also supports RAID 1+S (Mirrored-Sparing), which automatically replaces a failed hard drive and rebuilds the system if a booting hard drive fails.

It also includes a low profile bracket for adapting to slimline or small form factor system applications. Plus, guaranteed performance backed by our lifetime warranty and FREE lifetime tech support makes this the perfect upgrade for power users.

Applications and Solutions

- Add SATA capabilities to an old PCI-based desktop or server computer system
- Expand an existing system with 4 additional SATA ports
- Add additional ports to a low profile/small form factor (SFF) computer system
- Add a RAID 1 mirror to a workstation or server for data redundancy
- Add a RAID 0 strip to a desktop computer for performance

Features

- 4 internal SATA ports
- Support for JBOD and RAID modes: 0 (stripping), 1 (mirror), 0+1 (strip/mirror)
- Large capacity drive support with 48-bit Logical Block Addressing (LBA) up to 750GB
- Hot-Spare and Hot-Plugging support
- Supports first-party DMA commands for Native Command Queuing
- Fully compliant with the Serial ATA 1.0a specification, with transfer rates up to 1.5Gbps
- Includes a low profile/half-height installation bracket

Technical Specifications

- Warranty: Lifetime warranty
- Bus Type: PCI / PCI-X (5 / 3.3V)
- Chipset ID: Silicon Image: 3114R
- Internal Ports: 4 - SATA Data 7-pin Female
- Maximum Data Transfer Rate: 1200000000 MBytes/Sec
- Number of Ports: 4
- Carton Quantity: 40
- Shipping (Package) Weight: 0.44 lb [0.2 kg]
- FIFO: 256 Bytes per channel
- LBA support : 48 bits

