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Advantage:**Support and Resources:** Single point of contact for all your questions; exclusive online tools and free live technical support**Save Time Sourcing:** A complete selection of high-demand and hard-to-find products from one vendor**Best Value:** StarTech.com products offer the best combination of features and price**Exclusive Resources:** Complete product information and tools available at www.startech.com

4 Port Serial ATA RAID 0,1 PCI 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.

Plus, guaranteed performance backed by our lifetime warranty and FREE lifetime tech support makes this the perfect upgrade for power users.

Applications and Solutions

> Ideal for individuals and institutions replacing Parallel ATA with Serial ATA hard drives

Features

- > Compliant with PCI specification V2.2
- > Four internal Serial ATA RAID ports with data transfer up to 150 MBytes/sec
- > Hot-plug capability
- > Includes features like Serial ATA to PCI interrupt masking and Watch Dog Timer for fault resiliency



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- > Integrated PCI DMA engines
- > RAID 1+S (Mirrored-sparing) automatically replaces a failed hard drive and rebuilds the system when the booting hard drive has failed
- > Supports first-party DMA commands for Native Command Queuing
- > Supports RAID 0 (striping), RAID 1 (mirroring) and RAID 0+1 (striping & mirroring) for performance and reliability
- > Universal IO bracket easily fits any low profile or full-sized system
- > Works as a non-RAID controller card when the system BIOS is not RAID configured

Specifications

- > Bus Type PCI / PCI-X (5 / 3.3V)
- > Internal Ports 4 - SATA Data 7-pin Female
- > Maximum Data Transfer Rate 1200000000
- > Carton Quantity 15
- > Shipping (Package) Weight 0.44 lb [0.2 kg]
- > FIFO 256 Bytes per channel
- > OS Support Windows 98/98SE/ME/NT 4.0/2000/XP/Server 2003/Vista
- > Chipset Silicon Image Sil3112