

It's All About Your Data

SATAIII50™ TX4 4-Port SATA PCI Adapter

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Cost-effective 4-port Enhanced Serial ATA PCI adapter

- :: 4 Serial ATA 1.5G Ports for support of up to 4 drives
- :: PCI — 32-Bit / 66 MHz
- :: Native Command Queuing
- :: SATA Tagged Command Queuing
- :: Large LBA support for drives above 137GB
- :: Supports Serial ATAPI devices
- :: Disk Activity LED Headers



Cost-effective 4-Port SATA Controller

The Promise SATAIII50 TX4 4-port SATA PCI adapter offers a low-cost solution for connecting up to four high-performance Serial ATA disk drives. Promise Technology is the leading provider of Serial ATA interface solutions, and with the SATAIII50 TX4, users can benefit from Promise's experience in maximizing Serial ATA storage system performance.



SATAIII50™ TX4

- :: 4 Serial ATA 1.5G ports

Enhanced SATA Support

The controller complies with *Serial ATA II, Extensions to SATA 1.0* specification and features including Native Command Queuing and Disk Activity LED headers. In addition to Native Command Queuing, the controller also supports Tagged Command Queuing with drives that can take advantage of this capability. Command Queuing increases I/O performance by intelligently reordering data requests so that the data can be more quickly accessed than if the commands weren't ordered. The SATAIII50 TX4 controller also supports Serial ATAPI devices.



Advanced HBA Features

The low-profile form factor SATAII150 TX4 PCI adapter incorporates many of Promise Technology's advanced host bus adapter features. The 66MHz PCI bus supports up to 266MB/sec burst data transfer rate. The SATAII150 TX4 also includes large LBA support for drives above 137GB, and its onboard BIOS automatically identifies and configures drive type.

The Leader in SATA RAID

Promise Technology, Inc., recognized as the originator and worldwide leader of ATA RAID since 1997, has offered high-performance solutions for PC storage since 1988. Today the world's biggest OEMs and resellers look to Promise for ongoing innovations in ATA RAID design as the company continues to lead with the most powerful and economical alternatives to traditional RAID controllers and subsystems.

Specifications

Device Support

- 4 Serial ATA ports for up to 4 Serial ATA 1.5G devices

PCI Support

- 66 MHz PCI bus supports up to 266MB/sec burst data transfer rate*
- PCI 2.3 compliant

Serial ATA Support

- Supports up to 4 Serial ATA devices
- Supports up to 150MB/sec transfers with CRC error-checking
- Compliant to Serial ATA Rev. 1.0
- Compliant to Serial ATA II: Extensions to Serial ATA 1.0, Rev. 1.0, including
 - Native Command Queuing
 - Staggered Drive Spin-Up
 - HDD Activity Indication
- Supports Serial ATA tagged command queuing (TCQ)
- Serial ATAPI Support

Large LBA Support

- Supports drives larger than 137GB

Onboard BIOS

- Auto-identifies and configures drive and device types; BBS Compliant; Flash-Upgradable

Device Drivers**

- Windows 2000, Windows Server 2003, Windows XP
- Red Hat Linux
- SuSE Linux
- Linux open source code

Physical and Environmental

- Low-profile form factor
- Operating temperature: 32 to 122°F (0 to 50°C)
- Relative humidity: 5%-95% non-condensing

Limited Warranty

3 Years

* Data transfer rates may vary depending on drive make, motherboard, and PCI bus speed
** Check www.promise.com for latest operating system drivers

www.promise.com

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P/N: C6130S2T4000000-1

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