

4-Port NitroAV SATAStar Plus (4x) PCI-Express SATA II 3Gb/s Professional Host Adapter



SKU# NAVPCIE4PSAT

- ✓ Supports 4-lane, 10Gb/s PCI Express Bandwidth
- ✓ Provides 4 eSATA2 Channels
- ✓ Supports FIS-based switching with Port Multipliers
- ✓ Supports RAID 0, 1, 0+1 and RAID 5 (over Port Multipliers)
- ✓ Utilizes PCIe Native SiI3132 chip-set
- ✓ Supports SATA2 Data Rate of 3.0Gb/s for Each Port
- ✓ Supports Legacy Command Queuing (LCQ)
- ✓ Supports Native Command Queuing (NCQ)
- ✓ Co-resides with Motherboard IDE & SATA devices
- ✓ Supports Hard Drives up to 1024GB (1TB)
- ✓ Downloadable Windows based RAID utilities
- ✓ Supports Windows 2000, XP, Vista, Linux and Mac OS X 10.4.x (MacPro, PowerMAC G5 Dual-Core)



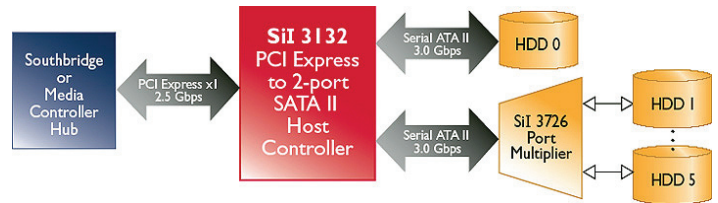
INTRODUCTION

The latest high performance external 4 port PCIe SATA 3Gbps host adapter card compatible with Apple's latest Mac Pro, Power Mac G5 and any PC equipped with PCI-e slot. The 4-Port NitroAV SATAStar Plus (4x) features high speed SATA 3Gb/s connection at 3 Gb/s bandwidth and allows you to connect up to 4 external SATA devices. With the Port Multiplier functionality and can support up to 20 hard drives. Serial ATA is a high-speed serial link replacement for the parallel ATA attachment of mass storage devices. The serial link employed in the 4-Port NitroAV SATAStar Plus is a high-speed differential layer that utilizes gigabit technology and 8b/10b encoding. The current data rate is 1.5Gb/s (=150MB/s) and 3.0Gb/s and the 4-Port NitroAV SATAStar Plus will support 6Gb/s in the near future.

Based on a radically ultra fast chip-set architecture SiI 3132, the 4-Port NitroAV SATAStar Plus is an extremely fast PCI Express 4x host adapter and takes SATA performance and features to enterprise levels: massive data storage space, high performance data transfer rate RAID 0, or high availability RAID 1, RAID 5. Our 4-Port NitroAV SATAStar Plus (4x) fills the need of applications such as servers, digital video, digital audio, storage library's, graphic professionals and workstations storage systems that require maximum performance from their storage assets. Utilizing a four lanes (4x) PCI Express interface and four (4) independent Serial ATA (eSATA) channels.

With the 4-Port NitroAV SATAStar Plus (4x), you have the potential to actually use the greatest speeds and the best STR (Sustainable Transfer Rate) that are available with SATA 1.5Gb/s and 3Gb/s interfaces, when you begin to stack SATA drives together in RAID you will really see your data fly.

Supporting high capacity and sustained data transfer, the 4-Port NitroAV SATAStar Plus (4x), is also ideal for connecting to video and photo editing "scratch disks", huge photo/MP3/movie libraries and enhance your editing experience. Regardless if you are an audio or video editor working with FinalCut Pro or ProTools on a Mac Pro, G5 Dual-core or PC workstation, this card is designed for you. The 4-Port NitroAV SATAStar Plus (4x) can easily handle multiple streams of a variety of video formats such as 10 bit uncompressed HD, 8bit uncompressed HD, DVCPRO HD, 8bit SD, 10bit SD, HDV, etc.



SERIAL-ATA PORTS (eSATA)

Provides 4 eSATA2 ports which fully support devices up to 3.0Gb/s each transfer rate.

- Supports RAID 0 (performance), RAID 1 (data security) features.
- Supports RAID 0+1 and RAID 5 over Port Multipliers
- Onboard ROM BIOS Supports hard drives greater than 137GB and up-to 1024GB (1TB)
- Supports 4 Serial ATA devices with up to 3.0Gb/s rate (serial ATA Generation 2)
- I/O supports four external 7-Pin eSATA connections.

SERIAL-ATA DEVICES (eSATA)

Supports 4x Serial ATA devices: Hard drives, Removable HDD, and more coming ATAPI devices such as CD-ROM, CD-R, CD-RW, Tape, DVD-ROM, DVD-RW, Blue-Ray, HD-DVD ...

PARTNER INFO:

