TEMPO™-X eSATA 4+4
8-PORT SERIAL ATA PCI-X HOST CONTROLLER

For Macintosh and Windows

Part No: TSATAII-X44

KEY FEATURES

▶ 3 Gb/s SATA II host controller

▶ 64-bit, 133MHz PCI-X Serial ATA host controller

▶ Works in any PCI-X or PCI slot in the listed compatible computers

▶ 8 ports—4 internal SATA connectors and 4 external eSATA connectors

▶ Supports hot-swap drive connection

▶ 48-bit LBA support for drives with a capacity larger than 137 GB

▶ Spread Spectrum Clocking for compatibility with all SATA drives

▶ No drivers to install; plug and play installation**

▶ Upgradable firmware to enable future enhancements

▶ Includes two 22-inch, internal SATA data cables and two legacy-to-SATA power cable adapters (additional cables available, sold separately)

▶ Mac® OS and Windows® compatible

Performance and expandability sure to leave you SATAsfied!

Do you need more speed? Tempo-X eSATA 4+4 gives you performance to burn! You'll get great performance from individual drives, but grouping up to eight Serial ATA hard drives in a RAID 0 (striped) set reveals the true prowess of this product—exceptional speed. Astonishing sustained read/write performance numbers in excess of 545 MB/s are possible—that's more than enough to capture and process uncompressed 10-bit High Definition video!

Have your storage needs outgrown your computer's capabilities? With eight ports and a dedicated controller for each, you can connect additional drives for maximum storage capacity—using today's highest-capacity drives, you can connect an amazing 6 TB (Terabytes) of storage! And for workflow professionals, you can hot-swap drives to quickly zoom between projects. When your storage needs have outgrown standard solutions, get a Tempo-X eSATA 4+4—it'll give you room to grow and blazing performance for the most demanding applications.

SONNET™
SIMPLY FAST™
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10.4 Mac For Windows 1 YR Ltd. Warranty

TECHNICAL SPECIFICATIONS

Software

Operating System Requirements	Mac OS X Version 10.2 or later
	Windows XP

Hardware

Compatible Models	Power Macintosh® G3 Blue & White
	Power Mac® G4 (all models except Cube)
	Power Mac G5 (with PCI and PCI-X slots only)
	PC with PCI-X or PCI slot
Bus Type	64 bit, 133MHz PCI-X
	32-bit PCI bus 2.2 Compliant
Internal Connectors	4 Serial ATA interface connectors to support up to 4 disk drives
External Connectors	4 eSATA connectors to support up to 4 disk drives
Data Transfer Rate	Up to 300 MB/s per port
ATAPI Support	No
Drive Types Supported	Serial ATA I & II
	Ultra DMA 133/100/66/33 (parallel ATA)*
Advanced Features	Hot-swap drive support
	Bus Mastering frees CPU from data I/O handling
	Deep sleep support
	48-bit LBA support for drives larger than 137 GB
	Spread Spectrum Clocking for lower EMI emissions
Warranty	1 year limited warranty
Environmental	Temperature:
	Operating: +5 C to +55 C
	Non-operating: -25 C to +10 C
	Relative humidity:
	Operating: 20% to 80%
	Non-operating: 15% to 90%

Firmware

Upgradeability	Flash-ROM upgradeable to latest firmware version

Package Contents

- Tempo-X eSATA 4+4 PCI-X Controller Card
- Quick Start Guide
- Two 22" Serial ATA internal data cables
- Two legacy-to-Serial ATA power cables
- Eight drive mounting screws

Have your storage needs outgrown your computer's capabilities? Tempo-X eSATA 4+4 utilizes the PCI-X® interface to take advantage of the enhanced performance offered in many Power Mac® G5 computers while retaining compatibility in standard PCI slots.

Important Notes: Western Digital manufactures Desktop edition (WD Caviar, Caviar SE, Caviar SE16, and Raptor X) hard drives and Enterprise (RAID) Edition (WD RE, RE2, and Raptor) hard drives. Each type of hard drive is designed to work specifically in either a desktop computer environment, or connected to a RAID controller (hardware or software-based). If you intend to configure Western Digital drives in a RAID set, Sonnet and WD recommend using only their Enterprise edition hard drives. For more information, see the Product Page (http://www.sonnettech.com/product/tempo-x_esata44.html)

* Parallel disk drives are supported when using Sonnet Tempo Bridge or similar parallel-to-Serial ATA drive adapter.
** Mac OS driver is built-in. Windows drivers are available on Sonnet website.