



Optimized for Maximum Performance Over Thunderbolt



# External SATA Connections

## Tempo™ edge™ SATA Pro 6Gb ExpressCard®/34

PROFESSIONAL 1-PORT 6 Gb/s eSATA EXPRESSCARD HOST CONTROLLER CARD



### Professional 1-Port 6 Gb/s SATA Solution for Mac & PC Notebooks with ExpressCard Slot

Why choose an eSATA Card? If you're planning to connect external storage to your computer, there's a good chance the enclosure will have two or more interfaces from which to choose, including USB, FireWire®, and eSATA. Your computer has USB ports, may have FireWire ports, and maybe even a Thunderbolt™ port, too. So if you can just plug into your computer's existing ports, why consider an eSATA card? Consider the facts that the 6 Gb/s eSATA interface offers superior performance to that of FireWire 800 and all USB interfaces, and Thunderbolt storage systems carry a price premium over eSATA storage systems. Sonnet's Tempo edge SATA Pro 6Gb ExpressCard/34 card is cost-effective solution for adding a single high-performance eSATA port to your computer through an adapter that practically disappears inside your computer.

External storage systems with an eSATA interface offer great flexibility. Single drive enclosures are very handy if you need to back up data or move files from one computer to another. Many storage systems include swappable drive trays, which are perfect for managing daily backups and multiple projects. Some systems, like Sonnet's Fusion™ D400QR5 and Fusion F3, feature hardware RAID controllers that manage up to four drives and enable you to create large, protected RAID volumes, yet the systems only require a single cable to connect to this pro eSATA card.

### Improved Performance

Tempo edge SATA Pro 6Gb ExpressCard/34 is versatile. Its fast, 6 Gb/s eSATA interface is well suited to deal with the increased bandwidth requirements of 6 Gb/s SSDs. Built around a new, second generation chipset, it offers greatly improved performance over older 6 Gb/s eSATA cards and is capable of transferring files at up to 375 MB/s! More onboard cache enables this Sonnet controller to perform even better in the latest computers, and Sonnet's Echo™ ExpressCard Pro Thunderbolt Adapter.



### Key Features

- Cost-effective solution for adding one high-performance 6 Gb/s eSATA port to your MacBook® Pro or PC laptop with an ExpressCard slot
- Supports single SATA drive enclosures and multi-bay SATA drive enclosures (see Technical Specifications)
- Superior performance with data transfers up to 375 MB/s
- Perfect for use in Sonnet's [Echo™ ExpressCard Pro Thunderbolt Adapter](#)
- Supports drive hot-swapping under OS® X
- Supports booting from attached drives under Microsoft Windows® 7
- AHCI compliant—no drivers required



### Wide Support – Optimized for Maximum Performance Over Thunderbolt

Got a Thunderbolt connection, but no ExpressCard slot? This card is ideal for use in Sonnet's [Echo™ ExpressCard Pro Thunderbolt Adapter](#)—the combo enables you to add a fast eSATA port of connectivity to iMac®, Mac® mini, MacBook Air, and MacBook Pro computers. This card supports the RAID features of OS X, Windows 7, and Windows Vista®. It supports hot-swapping of drives under OS X, and supports booting from attached drives under Windows 7. You can connect an optical drive, too. AHCI compliance ensures installation of the card is simple—just plug it

in to the ExpressCard slot—the necessary drivers are installed automatically. When you need to add flexible, external storage to your setup, Tempo edge SATA Pro 6Gb ExpressCard/34 gets you connected, fast.

Part No.	TSATA6-PRO1-E34			Tempo edge SATA Pro 6Gb ExpressCard/34	
Hardware					
Warranty	5-year				
Bus Interface	ExpressCard/34 PCI Express 2.0				
External Connectors	One eSATA				
Drives Supported	One (or more with hardware RAID enclosures <sup>(1)</sup> )				
Data Transfer Rate	Up to 375 MB/s				
Drive Types Supported	SATA 6 Gb/s, SATA 3 Gb/s, and SATA 1.5 Gb/s				
AHCI Support	System	OS X	Windows 7	Windows Vista	
	Boot Support		✓		
	Port Multiplier Aware		✓	✓	
	Hot Plug Card	✓(2)	✓	✓	
	Hot Plug Drive	✓			
Advanced Features	<ul style="list-style-type: none"> <li>○ Supports booting from attached drives under Windows 7</li> <li>○ Supports drive hot-swapping under OS X</li> <li>○ Supports ATAPI (CD/DVD/Blu-ray) drives</li> <li>○ Supports port multipliers under Windows 7 and Vista</li> <li>○ Supports S.M.A.R.T. status data reporting</li> <li>○ Supports Spread Spectrum Clocking for compatibility with all SATA drives and lower EMI emissions</li> </ul>				
	RoHS Compliant	Yes			
	Package Contents	<ul style="list-style-type: none"> <li>○ Tempo edge SATA Pro 6Gb ExpressCard/34 host controller card</li> <li>○ Documentation</li> </ul>			

### Mac Compatibility

MacBook Pro with an ExpressCard slot

Mac OS X Version 10.5+

OS X Mountain Lion compatible

### Windows Compatibility

PC (with ExpressCard slots)

Windows 7

Windows Vista

### Thunderbolt Compatibility

Any computer with a Thunderbolt port via [Sonnet's Echo ExpressCard Pro Thunderbolt Adapter](#)

### Technical Notes

1. Support for up to eight drives requires the use of drive enclosures employing a hardware RAID controller (like Sonnet's Fusion F3 or D400QR5).
2. Card not hot-pluggable in MacBook Pro (early 2011) ExpressCard slot (i.e. must boot with card installed).

Specifications subject to change without notice.

