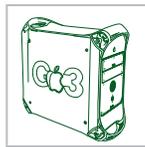


TEMPO™ ATA133

MACINTOSH® PCI HOST ADAPTER CARD



ONE CABLE FOR UP TO TWO DRIVES INCLUDED.
ADDITIONAL CABLE SETS AVAILABLE.*



KEY FEATURES

- ▶ Easy installation
- ▶ Compatible with most PCI Power Macintosh
- ▶ Conveniently co-exists with SCSI and other pre-existing devices
- ▶ Supports all types of DMA drive protocols: ATA1, ATA2, ATA3, ATA4, ATA5, and ATA6
- ▶ Achieve a maximum data transfer rate of 133MB/s
- ▶ Add up to 4 internal ATA/IDE hard drives
- ▶ Add up to 4 internal ATA/IDE hard drives
- ▶ Boots from any attached hard drive
- ▶ One cable included (supports two drives)
- ▶ Supports Mac OS® 8.0 through 9.2 and Mac OS X

With the wide range of low cost, high capacity ATA hard drives available today, there is no better time to take advantage of our superior quality ATA/133 PCI card to enhance the capabilities of your Macintosh. Sonnet's Tempo card enables you to do it economically and Simply Fast.

Why SCSI your Macintosh when you can IDE it? With the Tempo ATA133 PCI Host Adapter from Sonnet Technologies you can now take advantage of the latest low-cost, high-capacity ATA/IDE fixed-media hard drives, instead of being limited to the slower, more expensive, SCSI alternatives. Users of PCI Power Macintosh computers and Mac® clones will be amazed by the performance improvements that this legacy Mac enhancement provides.

The Tempo card is perfect for users whose Macs lack IDE capability or are equipped with a slower ATA interface, but who want to economically increase their storage capacity and disk speed. Simply install the Tempo ATA133 card into any available PCI slot and connect up to four internal drives (cable for up to two drives included).

Sonnet Technologies is the leader in Macintosh upgrade products. Our engineering experience enables us to provide Macintosh users with the most reliable products in the industry. Keep us in mind whenever you are planning to upgrade your Mac, Sonnet offers an ever-expanding array of upgrade solutions that will increase the performance and extend the life of your Macintosh system.

Part No: TAT-133

*TCB-AGP Supports 4 large drives in (Power Mac G4 AGP Graphics, Gigabit Ethernet, Digital Audio, Quicksilver 2001 & 2002); 3 drives (B&W G3, G4 PCI Graphics)

*TCB-MDS Supports 4 large drives (Power Mac G4 Mirrored Door Systems)

SONNET™

SIMPLY FAST™
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SPECIFICATIONS

Software

Operating System Requirements
Mac OS Bootability
Drive Formatting

- Supports Mac OS 8.0 through 9.2 and Mac OS X
- Supported from any attached drive
- Supports Apple® Drive Setup Utility (version 1.5 or later) or other third party software

Hardware

Compatible Models
Bus Interface
Number of Internal Drives Supported
Internal Drives Supported

- Most PCI Macintosh computers (see chart)
- PCI
- 4
- Supports any ATA/IDE fixed media hard drive including ATA/33, ATA/66, ATA/100, and ATA/133†

Data Transfer Rate

- Removable media/ATAPI devices supported under OS X
- Sustained rate dependent on drive specifications

Advanced Features

- Up to 133 MB/s in burst master cycle
- Coexists with SCSI and onboard IDE devices
- 2 IDE ports
- Multiple cards can operate simultaneously
- CRC error checking ensures data integrity

Cables Supported

- 40-pin/80-wire IDE cables (one included; 80-wire required for full ATA support)
- 40-pin/40-wire IDE cables (ATA/33 only)

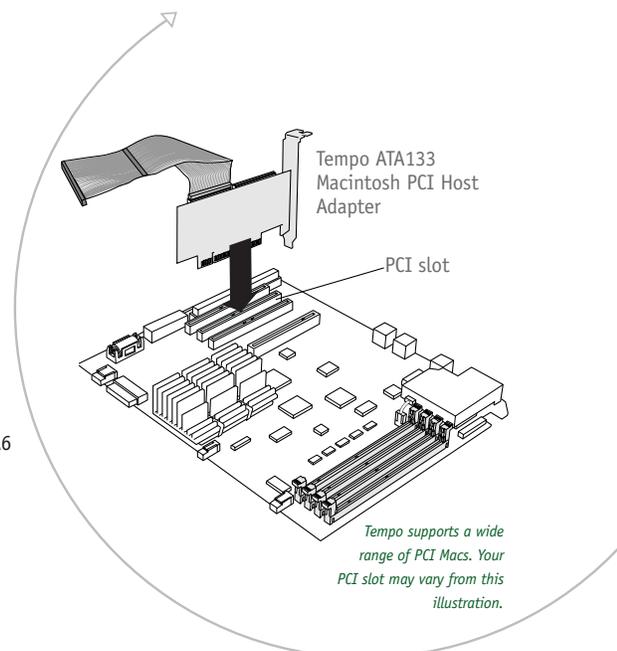
Warranty

- 3-year limited warranty

Firmware

Auto Detection
Compatibility
Upgradeability

- Automatically recognizes and configures drive protocols
- Automatically recognizes 80-wire cable with ATA 1 through ATA6
- Compatible with ATA/33, ATA/66, ATA/100, and ATA/133†
- Flash-ROM upgradeable to latest firmware



	Number of PCI Expansion Slots	Number of Unoccupied Expansion Bays in Computer
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Apple Power Macintosh	Number of PCI Expansion Slots	Number of Unoccupied Expansion Bays in Computer
Power Macintosh 4400	2	1**
Power Macintosh 6400	2	1
Power Macintosh 6500	2	1**
Power Macintosh 7200, 7215	3	1
Power Macintosh 7220	2	1**
Power Macintosh 7300	3	1
Power Macintosh 7500	3	1
Power Macintosh 7600	3	1
Power Macintosh 8200	3	2
Power Macintosh 8500	3	2
Power Macintosh 8515	3	2
Power Macintosh 8600	3	1
Power Macintosh 9500	6	1
Power Macintosh 9500/180MP	6	1
Power Macintosh 9515	6	1
Power Macintosh 9600	6	2
Power Macintosh 9600/200MP	6	2
Power Macintosh G3 All-in-one	3	1**
Power Macintosh G3 Blue & White	4	3
Power Macintosh G3 Desktop	3	1
Power Macintosh G3 Minitower (built before 6/1/99)	3	1
Power Macintosh G3 Minitower (built 6/1/99 and after)	3	1
Power Mac G4 (PCI Graphics)	4	2-3
Power Mac G4 (AGP Graphics)	3	2-3
Power Mac G4 (Gigabit Ethernet)	3	2-3
Power Mac G4 (Digital Audio)	4	2-3
Power Mac G4 (QuickSilver)	4	3
Apple Servers		
Macintosh Server G3	3	2
Macintosh Server G4	3	2
Workgroup Server 7250	3	1
Workgroup Server 7350	3	1
Workgroup Server 8550	3	1
Workgroup Server 9650	6	2

	Number of PCI Expansion Slots	Number of Unoccupied Expansion Bays in Computer
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Apple Performa	Number of PCI Expansion Slots	Number of Unoccupied Expansion Bays in Computer
Performa® Series 6400, 6410, 6420	2	1
Mac OS Compatibles		
• Daystar Genesis and Millennium Series	6	6
• Mactell XB-Pro	6	6
Power Computing		
• PowerBase Desktop	3	1
• PowerBase Tower	3	1
• PowerCenter	3	1
• PowerCenter Pro Desktop	3	1
• PowerCenter Pro Minitower	3	2
• PowerCurve	3	1
• PowerTower	3	2
• PowerTower Pro	6	5
• PowerWave	3	2
StarMax		
• 3000	3	3
• 3000 Minitower	5	5
• 4000	3	3
• 4000 Minitower	5	5
• 5000	5	5
• 5500	5	4
UMAX		
• C500	2	1**
• C600	3	4
• C600X	4	2
• J700	4	2
• S900	6	5

* Be sure to check the configuration of your computer as an additional cable may be required.
** Requires the removal of an internal CD-ROM or ZIP drive.
† High capacity (larger than 137GB) hard drives are supported in OS 9.x and OS 10.2.x using firmware v3.5.0, 4.5 or later. For complete details, visit the Tempo ATA support page.

Note: The Tempo ATA133 supports deep sleep under OS X, with firmware version 3.2.5 or higher.