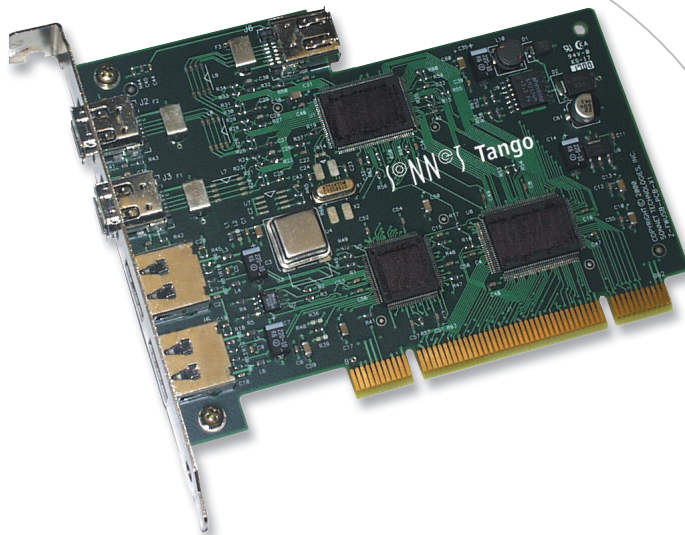# TANGO
MACINTOSH® FIREWIRE®/USB COMBO CARD

KEY FEATURES

▶ Easy installation

▶ Compatible with most PCI Macintosh

▶ Supports all industry-standard FireWire and USB peripherals

▶ Hot-pluggable and hot-swappable device connection

▶ Automatic device configuration; no termination or device ID's required

▶ Quick Start Guide available in English, French, Japanese, and Spanish

The Sonnet Tango FireWire/USB PCI combo card enables you to connect the latest devices to your PCI Macintosh, and provides you with unparalleled flexibility in choosing peripherals. Now you can expand your options to include new low-cost scanners and printers, high-speed mass storage, game controllers, digital cameras, MIDI devices, PDAs, and more. Connect a DV camcorder to one of Tango's FireWire ports, and you'll be editing and creating digital movie masterpieces right on your own computer! Also, unlike serial and SCSI devices, you'll be able to connect peripherals while your system is on, with no need to worry about jumpers, switches or termination.

Sonnet's Simply Fast design philosophy makes the installation a breeze; you'll complete the process in a few easy steps. Add this powerful interface combo to your Macintosh and take advantage of the blazing speed of FireWire, and the economy of USB.

Sonnet cards have unequaled ease-of-installation and reliability. The Sonnet families of upgrade and enhancement products work in every compatible Macintosh without the need for the antiquated methods of hardware configuration.

Free from switches, jumpers, and control panels, the Sonnet upgrade cards are Simply Fast.

Sonnet products are guaranteed to operate reliably over variations of machines, time and temperature. The ability to move an upgrade card from one machine to another without the need to tweak any jumpers, switches or control panels is a significant advantage to resellers and organizations that want to maximize their flexibility, while minimizing the long term technical support requirements.
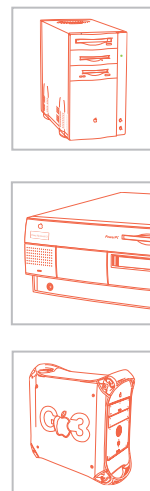
Part No: FWUSB

SONNET™
SIMPLY FAST™
www.sonnettech.com

Sonnet Technologies, Inc.
15 Whatney, Irvine, CA 92618-2808 USA
Tel: 1-949-587-3500   Fax: 1-949-457-6350

FireWire   USB UNIVERSAL SERIAL BUS   Mac OS 9   Mac   3yr Ltd. Warranty

SPECIFICATIONS

Software

Operating System Requirements	Mac OS 9.0 through OS X
Software Required for Power Macintosh 6500, 5500 and Twentieth Anniversary Macintosh	Download from www.sonnettech.com

Hardware

Compatible Models	Most PCI Macintosh (see chart)
Bus Interface	PCI
Peripherals Supported	Supports all industry-standard FireWire and USB peripherals
Cables Supported	2 external, 1 internal 6-pin FireWire ports
	2 external Type A USB ports
Warranty	3-year limited warranty

FireWire Support

Number of Internal Ports	1
Number of External Ports	2
Standard	IEEE 1394a compliant
Data Transfer Rate	100/200/400 Mbits/s
Number of Devices Supported	Up to 63
FireWire Port Power	12 Watts/port (12V at 1A)
Plug and Play	Supports plug-and-play specification
Hot Plug	Hot-pluggable and hot-swappable device connection
Cable Hops	Up to 16 consecutive cable hops of 4.5 meters

USB Support

Number of External Ports	2
Standard	1.1 compliant
Data Transfer Rate	12 Mbits/s
Number of Devices Supported	Up to 127
USB Port Power	2.5 Watts/port (5V at 500 mA)
Plug-and-Play	Supports plug-and-play specification
Hot Plug	Hot-pluggable and hot-swappable device connection

Tango FireWire/USB
Macintosh PCI Combo Adapter

PCI slot

The location of your computer's PCI slots may vary from this illustration
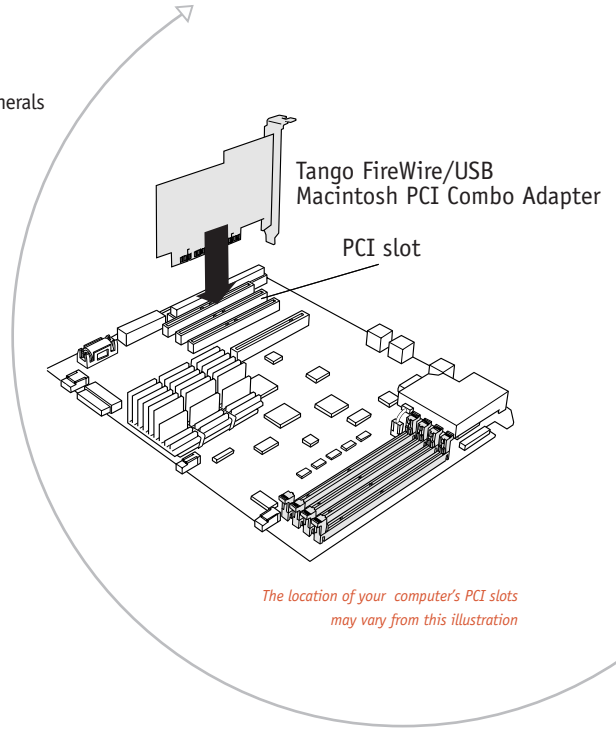
Apple Power Macintosh	Number of PCI Expansion Slots
Power Macintosh 4400	2
Power Macintosh 5400	1
Power Macintosh 5500	1
Power Macintosh 6400	2
Power Macintosh 6500	2
Power Macintosh 7200	3
Power Macintosh 7215	3
Power Macintosh 7220	2
Power Macintosh 7300	3
Power Macintosh 7500	3
Power Macintosh 7600	3
Power Macintosh 8200	3
Power Macintosh 8500	3
Power Macintosh 8515	3
Power Macintosh 8600	3
Power Macintosh 9500	6
Power Macintosh 9500/180 MP	6
Power Macintosh 9515	6
Power Macintosh 9600	6
Power Macintosh 9600/200MP	6
Power Macintosh G3 All-in-one	3
Power Macintosh G3 Blue and White	4
Power Macintosh G3 Desktop	3
Power Macintosh G3 Minitower	3
Power Mac G4 (PCI Graphics)	4
Power Mac G4 (AGP Graphics)	3
Power Mac G4 (Gigabit Ethernet)	3
Power Mac G4 (Digital Audio)	4
Power Mac G4 (Quicksilver)	1
Twentieth Anniversary Macintosh	4
Apple Servers	
Macintosh Server G3	3
Macintosh Server G4	3
Workgroup Server 7250	3
Workgroup Server 7350	3
Workgroup Server 8550	3
Workgroup Server 9650	6

Apple Performa	Number of PCI Expansion Slots
Performa Series 5400	1
Performa Series 5410	1
Performa Series 5420	1
Performa Series 5430	1
Performa Series 5440	1
Performa Series 6360	1
Performa Series 6400	2
Performa Series 6410	2
Performa Series 6420	2
Mac OS Compatibles	
• Daystar Genesis and Millennium Series	6
• Mactell XB-Pro	6
Power Computing	
• PowerBase Desktop	3
• PowerBase Minitower	3
• PowerCenter	3
• PowerCenter Pro	3
• PowerCurve	3
• PowerTower	3
• PowerTower Pro	6
• PowerWave	3
StarMax	
• 3000	5
• 4000	5
• 5000	5
• 5500	5
UMAX	
• C500	2
• C600	3
• C600X*	3
• J700	4
• S900	6

* The Cache Doubler must be removed from the C600X

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