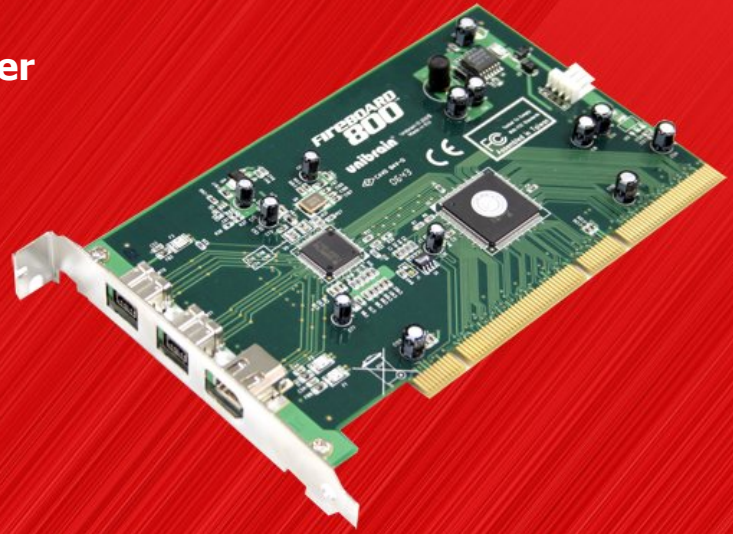


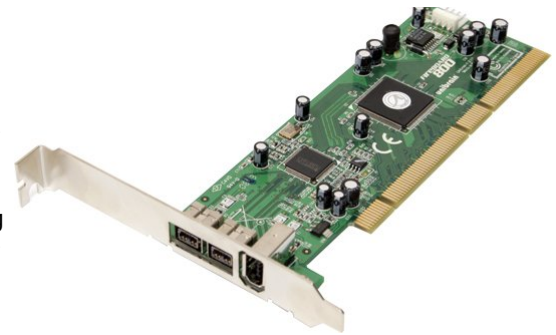
Unibrain Fireboard-800™

Firewire-800 64bit PCI OHCI Host Adapter



Overview

Fireboard-800™ is a IEEE-1394.b (Firewire 800) to PCI OHCI compliant adapter, which has been designed to meet the most demanding requirements of today's 1394b bus designs. Fireboard-800™ is a 64bit PCI OHCI Host Adapter capable of exceptional 800Mbit/s performance, providing the throughput and bandwidth to move data efficiently and quickly between the PCI and 1394 bus. This board also provides outstanding ultra-low power operation and intelligent power management capabilities, being compliant with all the latest 1394, OHCI and PCI specification/standards.



Specifications

- Based on latest Texas Instruments chipset:
TSB81BA3D PHY
TSB82AA2 IEEE-1394b OHCI-Lynx Controller
- Fully Supports Provisions of IEEE P1394b revision 1.33 at 1 Gigabit Signaling Rates.
- Fully Supports Provisions of IEEE 1394a-2000 and 1394-1995 Standard for High Performance Serial Bus.
- Provides Two (2) fully backward compatible (1394a-2000 Fully-Compliant), Bilingual 1394b, 9 pin ports at up to 800 Megabits per second and one (1) standard 1394a 6 pin port at up to 400 Megabits per second.
- Cable Power Presence Monitoring.
- 3.3V and 5V PCI bus signaling.
- 33-MHz/64-Bit and 33-MHz/32-Bit selectable PCI interface.
- Power Management Interface Specification.
- Implements PCI burst transfers and deep FIFO to tolerate large host latency:
 - Transmit: FIFO-3K asynchronous & FIFO-2K isochronous
 - Receive: FIFO-2K asynchronous & FIFO-2K isochronous
- Dimensions:
Fireboard-800: 3.92" (9.96cm) / 6.5" (16.50 cm)
Low profile version: 2.15" (5.45 cm) / 6.5" (16.50 cm)

Operating Systems support

- Windows NT 4.0/2000/XP/2003/Vista & XP 64 bit, using Unibrain's ubCore 1394b low level drivers
- Mac OSX 10.2.4 or higher (natively supported)
- Linux

Part numbers

- Fireboard-800™ bulk: **1225**
- Retail Kit with 2m 1394b 9 pin to 9 pin cable: **1226**
- Fireboard-800™ Low Profile: **1223**
(bulk only, low profile bracket included)

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The 1394 Innovators

