



element14

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[PEX1394B3](#)

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3 Port 2b 1a 1394 PCI Express FireWire Card Adapter

StarTech ID: PEX1394B3



This 3 Port PCI Express FireWire adapter card can be installed in a PCI Express slot to add two IEEE1394b (FireWire 800 - 9 pin) ports and one IEEE1394a (FireWire 400 - 6 pin) port, providing broad compatibility with a wide range of FireWire devices (e.g. DV camcorders, external hard drives, digital cameras, etc.).

The 2b, 1a card features a native (single chip) PCI Express chipset - resulting in faster, more reliable and cost effective performance than expansion cards that utilize a "bridge" chip.

Applications

- Add a high speed FireWire port to a desktop without any FireWire ports
- Connect a digital camera to a desktop with a PCI Express slot to download photos and video
- Connect a high-speed external hard drive to a PCI Express-enabled system

Features

- Two 9-pin FireWire 800 ports, each with transfer rates up to 800Mbps
- One 6-pin FireWire 400 port, each with transfer rates up to 400Mbps
- Built with a native PCI Express chipset, no bridge chip
- Includes low profile/half-height installation bracket
- Internal power connector for high powered FireWire devices
- Compliant with IEEE 1394b and backwards compatible with IEEE 1394a - 2000 as well as 1394-1995 standards
- Plug-and-Play and hot-swap compatible

Technical Specifications

Warranty	Lifetime
Ports	3
Interface	FireWire 800 (1394b)
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Industry Standards	IEEE-1394/1394A/1394B OHCI PCI 2.2
Chipset ID	LSI/Agere - FW643
Connector Type(s)	1 - PCI Express x1 Male
Internal Ports	1 - SP4 (4 pin; Small Drive Power) Male
External Ports	1 - Firewire 400 (6 pin; IEEE 1394a) Female
External Ports	2 - Firewire 800 (9 pin; IEEE 1394b) Female
Maximum Data Transfer Rate	800 Mbps
OS Compatibility	Windows 98SE/ ME/ 2000/ XP (32/64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista (32/64-bit)/ 7 (32/64-bit)/ 8 (32/64-bit) Mac OS X (tested up to 10.8) Linux
Product Length	90 mm [3.5 in]
Product Width	18 mm [0.7 in]
Product Height	120 mm [4.7 in]
Product Weight	50 g [1.8 oz]
Operating Temperature	0°C to 70°C (32°F to 158°C)
Storage Temperature	-20°C to 90°C (-4°F to 194°C)
Humidity	0~90% RH
System and Cable Requirements	Unused PCI slot
Note	The software included with this product supports a "typical" driver install only. Custom driver setup requires software purchase from a 3rd party
Shipping (Package) Weight	0.2 kg [0.5 lb]
Included in Package	1 - PCI Express FireWire Card
Included in Package	1 - FireWire cable
Included in Package	1 - Low Profile Bracket

Included in Package 1 - Software CD
Included in Package 1 - Instruction Manual

Certifications, Reports and Compatibility





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