Instruction Manual

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2 Port ExpressCard 1394a Firewire Card

EC13942

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Features

- High speed data transfer rates of up to 400 Mbps
- Compliant with IEEE 1394-1995, 1394a-2000 and OHCI 1.1 standards
- Supports asynchronous and isochronous data transfer modes
- Hot swap capable - allows you to connect or disconnect devices without turning off your notebook computer

*actual product may vary from photos

Packaging Contents

- 1 x FireWire ExpressCard
- 1 x FireWire Cable
- 1 x Instruction Manual

System Requirements

- ExpressCard enabled computer system with available slot
- Microsoft® Windows® 2000/ XP(32/64-bit)/ 2003(32/64-bit)/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit)/ Server 2008 R2, or Apple® Mac OS® 10.5 and up, or Linux®

Instalation

Hardware Installation
The ExpressCard adapter will simply slide into the ExpressCard slot on any compatible system. Push the card all the way in, until it 'clicks' and locks into place. To eject the card, simply push the card further into the slot until it clicks, and then release and it will then be ejected from the slot.

NOTE: Some ExpressCard/54 slots do not firmly hold an ExpressCard/34 card, so a 34mm to 54mm stabilizer bracket may be necessary (StarTech.com ID: ECBRACKET).

OPTIONAL: This card has an external power connector located on the side. External power may be required if the FireWire peripheral draws more power than the ExpressCard slot on the system is able to provide.

Driver Installation
Windows 2000/XP/Server 2003/Vista/Server 2008 R2/7/8, Mac OS X, Linux

No driver installation is required for these operating systems, as this adapter card is natively supported, so the drivers are already installed.

Verifying Installation
Windows 2000/XP/Server 2003/Vista/Server 2008 R2/7/8

From the main desktop, right-click on "My Computer" ("Computer" in Vista/7), then select Manage. In the new Computer Management window, select Device Manager from the left window panel.

Double-click on the "IEEE1394" category and a "TI" controller device should be listed without any errors.

Connecting FireWire devices to ExpressCard
To begin using your FireWire peripherals with EC13942, simply insert the FireWire connector provided by the peripheral or attached cable into one of the FireWire ports provided by the ExpressCard. Please note that for peripherals requiring lower voltages, EC13942 offers built-in power capability. If more power is required, an external 12VDC (1A) power adapter (not included) can be connected to the power jack on the ExpressCard.

Specifications

Host Interface	ExpressCard 1.0a
Form Factor	ExpressCard/34 (34mm)
Chipset ID	TI XlO2200A
Connectors	2 x 6-pin FireWire female 1 x DC Power
Maximum Data Transfer Rate	FireWire400: 400Mbps
Power Adapter (not included)	12V DC, 1000+mA, center positive, type-H plug
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	5% ~ 85% RH
Compatible Operating Systems	Windows 2000/ XP(32/64-bit)/ 2003(32/64-bit)/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit)/ Server 2008 R2, Mac OS 10.5.x and up, Linux

Basic Troubleshooting

If you find that the peripherals connected to EC13942 (in the powered state) are not functioning, or are not being detected, please ensure the following:

1. The drivers have been installed.
2. Any previous driver installations (if this product has been previously installed) have been removed.
3. There are no conflicts with other device drivers. To determine this:
   a) Browse to the Device Manager, by right-clicking on My Computer, and selecting Manage. In the left pane, click on Device Manager.
   b) Look for any exclamation marks (!) or question marks (?) listed next to the FireWire controller card, in the right pane.

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit www.startech.com/downloads