

## 2 Port ExpressCard 1394a FireWire Card

EC13942A2

DE: Bedienungsanleitung - de.startech.com

FR: Guide de l'utilisateur - fr.startech.com

ES: Guía del usuario - es.startech.com

IT: Guida per l'uso - it.startech.com

NL: Gebruiksaanwijzing - nl.startech.com

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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

### 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.



\*actual product may vary from photos

#### 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 "VIA" controller device should be listed without any errors.

#### Connecting FireWire devices to ExpressCard

To begin using your FireWire peripherals with EC13942A2, 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, EC13942A2 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

<b>Host Interface</b>	ExpressCard 1.0a
<b>Form Factor</b>	ExpressCard/34 (34mm)
<b>Chipset ID</b>	VIA VT6315
<b>Connectors</b>	2 x 6-pin FireWire female 1 x DC Power
<b>Maximum Data Transfer Rate</b>	FireWire400: 400Mbps
<b>Power Adapter (not included)</b>	12V DC, 1000+mA, center positive, type-H plug
<b>Operating Temperature</b>	0°C ~ 50°C (32°F ~ 122°F)
<b>Storage Temperature</b>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Humidity</b>	5% ~ 85% RH
<b>Compatible Operating Systems</b>	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 EC13942A2 (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.

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

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