2 Port PCI Express 1394a FireWire Card

PEX1394A2V

Packaging Contents

- 1 x PCI Express FireWire Card
- 1 x Low Profile Bracket
- 1 x Instruction Manual

System Requirements

- An available PCI Express Slot
- Windows® 8.1 (32/64bit), 8 (32/64), 7 (32/64), Vista(32/64), XP(32/64), 2000, Windows® Server 2012, 2008 R2, 2003(32/64), Linux 2.6.x and up

Installation

Hardware Installation

**WARNING!** PCI Express cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the card by its edges and not the gold connectors.

1. Turn your computer off and any peripherals connected to the computer (i.e. Printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer and disconnect all peripheral devices.
2. Remove the cover from the computer case. See documentation for your computer system for details.
3. Locate an open PCI Express slot and remove the metal cover plate on the rear of the computer case (Refer to documentation for your computer system for details.). Note that this card will work in PCI Express slots of additional lanes (i.e. x4, x8 or x16 slots).
4. Insert the card into the open PCI Express slot and fasten the bracket to the rear of the case.
   **NOTE:** If installing the card into a low profile desktop system, replacing the preinstalled standard profile bracket with the included low profile (half height) installation bracket may be necessary.
5. Place the cover back onto the computer case.
6. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

Software Installation

Once the PCI Express card has been installed, it is safe to power up the computer. The operating system will detect the presence of the card and automatically install the necessary drivers.

Verifying Installation

1. Open the Device Manager by right-clicking on Computer, and then select Manage. In the new Computer Management window, select Device Manager from the left window panel (For Windows 8, open the Control Panel and select Device Manager).
2. Expand the “IEEE 1394 host controllers” section. On a successful install, you should see the following device in the list with no exclamation points or question marks.
Specifications

<table>
<thead>
<tr>
<th>Ports</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface</td>
<td>FireWire 400 (1394a)</td>
</tr>
<tr>
<td>Card Type</td>
<td>Standard Profile (LP Bracket incl.)</td>
</tr>
<tr>
<td>Chipset</td>
<td>VIA - VT6315N</td>
</tr>
<tr>
<td>Type and Rate</td>
<td>FireWire 400 IEEE-1394a - 400 Mbit/s</td>
</tr>
<tr>
<td>Connector(s)</td>
<td>1 x PCI Express x1 Male</td>
</tr>
<tr>
<td></td>
<td>2 x Firewire 400 (6 pin; IEEE 1394a) Female</td>
</tr>
<tr>
<td>Dimensions</td>
<td>65 x 18 x 125 mm</td>
</tr>
</tbody>
</table>

Compatible Operating Systems

Windows® 8.1 (32/64bit), 8 (32/64), 7 (32/64), Vista(32/64), XP(32/64), 2000 Windows® Server 2012, 2008 R2, 2003(32/64) Linux 2.6.x and up

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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