

User Manual

Introduction

This FireWire 1394b PCI-Express card is designed base on the advance technology of IEEE 1394b standard with transfer rate up to 800Mbps, it is also compliant with IEEE 1394-1995 and IEEE standard 1394a-2000. Having the speed of the transfer rate up to 2.5Gbps per Lane of the latest PCI-Express technology, the bottleneck of the speed of the PCI interface can be eliminated. With the capability of backward compatible to 400/200/100M bps, it is an ideal platform for connecting the exiting 1394a or 1394b mass storage devices with its ultimate high speed, it is also perfect for video capturing and audio data transferring. Furthermore, the controller card allows 2 or more computers connected together via the firewire ports to form a simple local area network.

Features

- 1-Lane (x1) PCI-Express with transfer rate 2.5Gb/s Full Duplex channel
- Compliant with PCI-Express Revision 1.0a
- Support provisions of IEEE Standard P1394b-2002
- Compliant with 1394 Open Host Controller Interface (OHCI) specification Revision 1.1 and 1.2 draft
- Support 800 / 400 / 200 / 100Mbps transfer rate
- Fully Plug & Play and Hot Plug supported
- Fully backward compatible to 1394a specification
- Compliant with IEEE 1394a-2000 and 1394-1995 standard for a High-Performance Serial Bus
- Fully interoperable with Firewire™, iLINK™ and SB1394™ implementation of IEEE 1394 standard.
- Equipped with Bilingual IEEE Standard 1394b-2002 ports for 800Mbps data transferring
- Software driver supports Windows 98SE/ME/2000/2003 Server/XP 32-bit/XP 64-bit/Vista 32-bit/Vista 64-bit, Mac OS

Installing the controller card on your computer

Before the installation of the controller card, let us make the following assumptions:

1. The end users must have the basic knowledge of installing an internal device and its driver to a PC. If they are not sure about their abilities or have any queries, please contact their local dealers immediately, or find somebody who are experienced and qualified for assistance.
2. The computer has been properly installed with our supported operating system.

Installing the controller card into the computer

1. Turn off your computer and all the external devices connected to it.
2. Disconnect your computer from the main power sources.
3. Open the computer case, Refer to your computer user manual for more details
4. Find an available PCI-Express slot and remove the slot bracket. Save the bracket screw for later use.

5. Align the controller card horizontally with respect to the slot and insert it into the slot firmly and evenly. Take care not to force it into the slot. Once you have properly positioned the controller card into the slot, fasten the card to the computer case with the screw you have just saved.
6. Secure the computer case and switch on your computer.

Installing Windows driver for the controller card

1. Turn on the computer
2. When the Windows is running, a new device is automatically detected. It will treat the device as a Texas Instruments OHCI compliant IEEE 1394 Host controller card and install its built-in driver.
3. Insert the CD driver into the CDROM, Assume **driver D**.
4. Browse to the following path with the Windows Explorer

D:/TI/1394b/ WinXP_Vista 64bit	for Windows 64-bit OS
D:/TI/1394b/Win2K_XP_2003Server_Vista	for Windows 32-bit OS
D:/TI/1394b/Win98_98SE_ME	for Windows 98SE/ME

5. Execute the setup program under the directory by double click its icon
6. Follow the instructions on the screen.
7. Once the setup program has finished, the controller card is ready to use.

Updating the operating systems software drivers

The updated software drivers are always available for download on the following website:

<http://www.drivers-download.com>

Search for DL code: **DL-0300132** from **Drivers Search**

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