# User Manual

## Introduction

The PCI FireWire Host Controller Card is designed base on the IEEE standard 1394-1995 and compliant with IEEE standard 1394a-2000. It provides a data transfer rate up to 400M bits/s, therefore it is an ideal platform for connecting external high performance devices, i.e. external memory storages. With this speed, it is also perfect for video capturing and audio data transfer. Furthermore, the controller card allows 2 or more computers connected together as a local area network via the 1394a connection.

## Features

- Compliant with PCI Local Bus Specification 2.2
- PCI 32-bit interface running at 33MHz
- Compliant with PCI Power Management Interface Specification 1.1
- Compliant with IEEE 1394 OpenHCI Specification V1.0 and 1.1
- Compliant with IEEE 1394-1995 and 1394a-2000 standard
- Support transfer rate of 400 / 200 / 100M bits per second
- Fully interoperable with FireWire and i.LINK implementation of IEEE 1394 Standard
- Fully Plug and Play and Hot Plug
- Ideal for home and office use
- Windows 98SE,ME,2000,XP,XP 64-bit,Server 2003,MAC OS supported

### WARNING

Before installing and activating the controller card, please make sure you have a complete backup of your existing data from hard drives. Manufacturer is not responsible for data loss due to abuse, misuse, or neglect. Should you have any installation problem, please contact your dealer for assistance.

## Installing Windows drivers for the Controller Card

### 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 call their local dealers immediately, or find somebody who are experienced and qualified for assistance

2. The computer has been properly installed with our supported Windows operating system

### Installing the controller card into the computer

1. Turn off your computer and all external devices connect to it.

2. Disconnect your computer from the power sources.

3. Open the computer case. Refer to your computer user manual for more details.

4. Find an available PCI 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 it to the computer case with the screw you have just saved.

6. Connect the system to the devices by inserting the 1394a cable (not included in the package) into the 1394a connectors on the controller card

7. Secure the computer case and switch on your computer.

## Installing Windows driver for the controller card

1. Turn on the computer

2. Once Windows is running, a new controller card is detected

3. Windows will load its own driver for the 1394a controller card automatically

4. Wait for Windows starts completely and the FireWire ports are ready to use

Notice:

Most OS have their own driver for the 1394a controller card, but they might not have the driver for the external devices connecting to the 1394a controller card. Therefore be sure the driver for the external devices is available before installing.

## Optional Internal 2x5 (9-pin) 1394a Pin Header

PIN ASSIGNMENTS

1 TPA + ■   ■ TPA - 2
3 GND ■   ■ GND 4
5 TPB + ■   ■ TPB - 6
7 +12V ■   ■ +12V 8
9        ■ GND 10

PIN 1