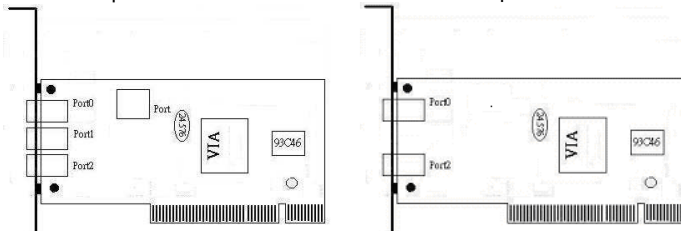


(v)

63067A 3 Ports FireWire 1394 PCI Card 63067A-2 2 Ports FireWire 1394 PCI Card

Description

- Supports Provisions of IEEE 1394-1995 Standard for High Performance Serial Bus and the P1394a Supplement 2.0.
- Full P1394a Supplement Support includes:
 - * Arbitrated short reset, * Connection Debounce, * Multispeed Concatenation,
 - * Ack Accelerated Arbitration, * Fly-By Concatenation,
 - * Programmable Port Disable, Suspend, Resume, * PHY IDs Do Not Increment Past 63
- Provides Four 1394a Fully Compliant Cable Ports at 100/200/400 Megabits per Second (Mbit/s)
- Logic Performs Bus Initialization and Arbitration Functions
- Encode and Decode Functions Included for Data-Strobe Bit-Level Encoding
- Incoming Data Resynchronized to Local Clock.
- Data Interface to Link-Layer Controller Provided Through 2/4/8 Parallel Lines at 49.152 MHz
- 24.576 MHz Crystal Oscillator and PLL Provide TX/RX Data at 100/200/400 Mbps and Link-Layer Controller
- Programable Node Power Class Information for System Power Management
- Embedded Bus Holder Isolation to Link Layer Controller Interface
- Optional On-chip Resistors to Reduce Component Counts for Electrical Isolation to Link Layer Controller Interface
- Separate TPBIAS for Each Port
- Fully Interoperable with IEEE Std1394-1995 Devices
- Cable Ports Monitor Line Conditions for Active Connection to Remote Node
- Low Power Design for Battery-Powered Applications includes: User Controlled Power-Down via PD, Automatic Device Power-Down during All Ports Suspended and Link Interface Disabled, Link Interface Power-Down via Inactive LPS, Automatic Inactive Ports Powered-Down, and Automatic Inactive Logic Power-Down
- Self Power Up Reset and Pinless PLL to Reduce Component Counts on System



WARNING:

PORT 0 & PORT 0+ is same circuit can't use both in same time

This section provides information on how to install the Super PCI I/O drivers for the following operating systems:

Add 3 FireWire Ports to your PC

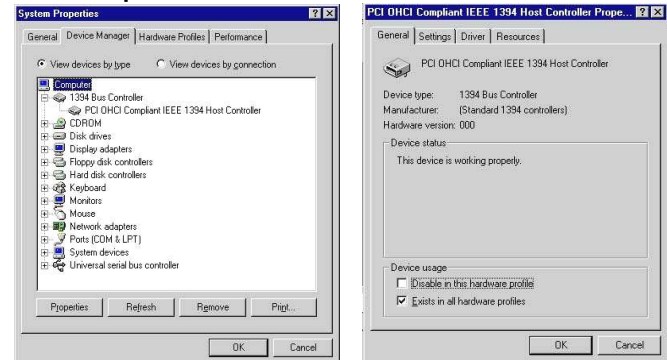
Use FireWire Card to transfer video from your digital camcorder to your PC, edit the video titles, effects, background music and more. Then send your edited video back to your digital recorder. Display your broadcast quality production on your TV or copy to your VCR. FireWire is the latest in high-speed external bus technology. This means you can instantly connect devices to your PC without opening up the case. FireWire offers true plug and play and hot swapping of devices. Just plug in your digital camcorder, launch the software and you're ready to make movies.

Software driver installation

This Card supports the Windows 98SE/ME, Windows 2000 operating systems. When you initially connect your FireWire 1394 card, Windows will automatically detect you have a new device the first time you power on your PC and thus request the devices software drivers. Please follow closely the step-by-step instructions below on how to properly install the required software drivers.

Windows 98SE/ME Driver installation

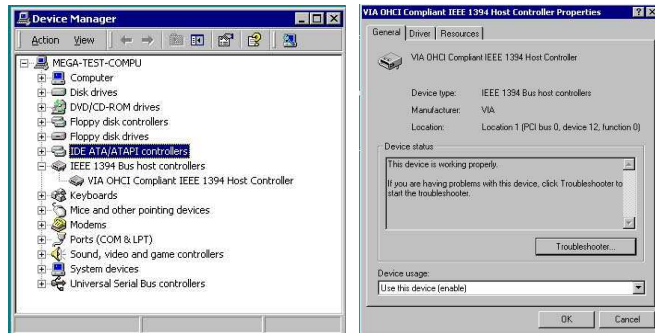
Follow the steps listed below to install the Windows® 98SE drivers:



1. At the Add New Hardware Wizard windows®, click on **"Next"**
2. Select the option **"Search for the best driver for your devices (Recommend)"** and click on **"Next"**
3. Select the option **"CD-ROM driver"** then click on **"Next"**
4. Click **"Next"** and then **"Finish"** respectively.
5. Remove the diskette, then select **"Yes"** to restart the computer for the setup to take effect.

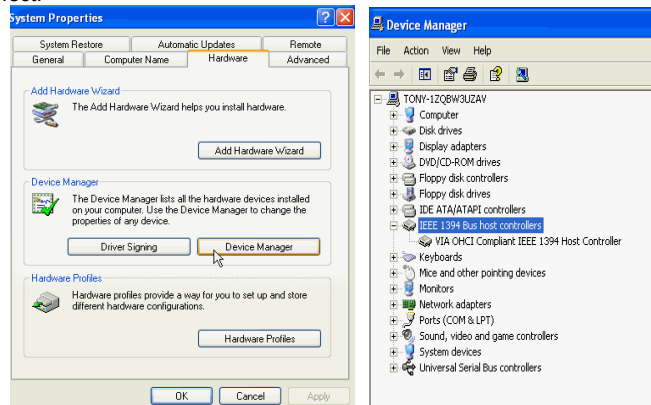
To verify successful installation in Windows® 2000

1. From the main desktop, click on **My Computer**, then double-click on **Control Panel**, **System**, and **Device Manager**.



Windows XP Driver Installation:

1. At the Add New Hardware Wizard windows®, click on **“Next”**
2. Select the option **“Search for the best driver for your devices (Recommend)”** and click on **“Next”**
3. Select the option **“Specify the location”** and type in C: then click on **“Next”**
4. Click **“Next”** and then **“Finish”** respectively.
5. Remove the diskette, then select **“Yes”** to restart the computer for the setup to take effect.



To Verify Successful Installation in Windows® XP:

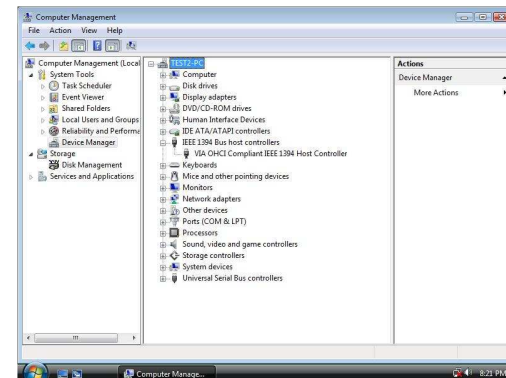
1. From the main desktop, click on **“My Computer”**, and then double-click on **“Control Panel”**, **“System”**, and **“Device Manager”**.

Windows Vista Driver Installation:

1. Start power to RUN VISTA
2. Windows will automatically detect you have a new device the first time you power on your PC and thus request the devices software drivers.



3. Detect you have device to Install device software
4. Install the driver **“VIA OHCI Compliant IEEE 1394 Host Controller”**
5. Chlick **“Device Manager”** to **“IEEE 1394 Bus host controllers”** and the **“VIA OHCI Compliant IEEE 1394 Host Controller”**



5.Troubleshooting Problem Checklist

If after installing the drive and loading the software and you find that the PCI 1394 card is not functional, try these suggestions first.

- Are ports active on the card conflicting with equivalent ports in the computer?
- Is the card inserted snugly into the slot on the main board?