



1394 CardBus

Quick Installation Guide

Introducing the 1394 Cardbus

The 1394 CardBus is designed to add FireWire (1394) interface to notebook computers for easy connection to DV camcorders, hard disk drives (self-powered), scanners, printers, and other 1394 devices. For your convenience, one 1394 (FireWire) 6-pin/4-pin DV cable is included for connecting DV camcorders and other 1394 devices using 4-pin connector. Deluxe video editing software is also included for producing greeting cards, video e-mails, or home videos complete with attractive titles, effects, and background music.

Features and Benefits

- Compliant with IEEE 1394-1995, P1394a, and OHCI standards
- PCMCIA Cardbus Interface with Power Management
- Supports hot swapping connections of up to 63 devices on the bus. No need to turn off the system while adding or removing 1394 devices
- Supports asynchronous and isochronous data transfer rates of 100/200/400 Mbps
- Includes deluxe DV (with MPEG2 support) editing software and a 6-pin/4-pin DV cable--ready for connecting a DV camcorder and devices using a 4-pin connector
- Works with various types of DV camcorders (Sony, Panasonic, Canon, JVC, Sharp and more), hard disk drives (self-powered), hubs, CD-RWs/DVD-ROMs, MO drives, digital cameras, scanners and audio/video devices such as TV and set-top box
- Built-in power jack for optional power supply

System Requirements

- Pentium or equivalent (300MHz or above) notebook computer with one available CardBus Type II slot
- Windows 98SE/ME/2000/XP

Recommended system for Digital Video capturing/editing:

- Pentium II or equivalent (400 MHz or above) notebook computer
- 64MB RAM and CD-ROM drive
- 80MB of available hard disk space
- Video with 4MB RAM
- Windows 98SE or later

Package Contents

- One *1394 CardBus*
- One CardBus-to-1394 extension cable for *1394 CardBus PC Card* or *1394 CardBus Dual* models only
- One FireWire (1394) 6-pin/4-pin DV cable
- Deluxe Ulead VideoStudio DV editing software
- This quick installation guide

Hardware Installation

General instructions for installing the card are provided below, since the design of portable computers may vary. Refer to your system's reference manual for further information, if needed.

1. Power off your notebook computer and any other connected peripheral devices.
2. Insert the PC Card into the CardBus Type II slot of your notebook computer with its 68-pin connector facing the slot. Make sure it is inserted all the way in for a solid connection.
3. Power on your notebook computer.

Software Installation

This section will guide you through the installation of your *1394 CardBus* in Windows 98SE/ME/2000/XP. During installation, you may be prompted to insert Windows CD-ROM, insert it and click **OK** to continue.

Windows 98SE Driver Installation

1. At the **Add New Hardware Wizard**, click **Next**.
2. Choose **Search for the best driver for your device**, and click **Next**.

3. Uncheck all check boxes and click **Next**.
4. Click **Next**, **Next** and **Finish** to complete driver installation.

Windows ME Driver Installation

1. At the **Add New Hardware Wizard**, click **Next**.
2. Click **Finish** to complete driver installation.

Windows 2000/XP Driver Installation

Windows 2000/XP will automatically detect and install the correct driver for your *1394 CardBus*. Restart Windows if prompted.

To verify successful driver installation:

1. Check **Device Manager** to verify successful driver installation.
Windows 98SE/ME: From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.
Windows 2000/XP: Right click **My Computer**, then click **Manage**. Click **Device Manager**.
2. Double click **1394 Bus Controller** or **IEEE 1394 Bus host controllers** option.
 - An **IEEE 1394 Host Controller** should be displayed.

Ulead VideoStudio Software Installation

The *1394 CardBus* includes Ulead® VideoStudio™ digital video editing software for producing home videos, complete with attractive titles, transitions and sounds. Before installing VideoStudio, make sure your adapter and DV camcorder are properly installed and configured. See next section, **Connecting DV Camcorder**, for more details on how to properly install your DV camcorder.

1. Insert the Ulead VideoStudio DV software CD. Auto-run should start automatically. If not, click **Start, Run**, type in **X:\Autorun.exe**, then click **OK**. (Replace **X:** with the drive letter of your CD-ROM)
2. Choose **Install Ulead VideoStudio** and follow on-screen instructions to complete installation.

Note: For instructions on how to use **Ulead VideoStudio**, please refer to **VStudio.pdf** file located in the **Manual** directory on the Ulead VideoStudio DV software CD.

Device Connection

The following section provides information on connecting devices to your *1394 CardBus*.

Connecting DV Camcorder

Before setting up the digital video camcorder, make sure to verify the driver for the *1394 CardBus* has been successfully installed in your system and follow the setup procedures listed below.

1. Boot up your system.
2. Connect the 4-pin connector of the provided FireWire (1394) 6-pin/4-pin DV cable into your digital camcorder, and connect the 6-pin connector into an available port on the *1394 CardBus*. Power on the camcorder. The camcorder should now appear in **Device Manager**.

To verify successful DV Camcorder setup:

1. Check **Device Manager** to verify successful installation.
Windows 98SE/ME: From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.
Windows 2000/XP: Right click **My Computer**, then click **Manage**. Click **Device Manager**.
2. Double click **Imaging Device(s)**.
- A **Microsoft DV Camera and VCR** or **DV Camcorder** should be displayed.

Connecting Other 1394 Devices

Many 1394 devices have built-in driver support with Windows 98SE/ME/2000/XP. Please refer to the device's user manual for detail installation information. Depending on the device you purchased, a different 1394 cable may be used. Refer to your 1394 device's manual for more details.

Most devices do not need the *1394 CardBus* to have its own power supply, but there are some devices that require the *1394 CardBus* to have its own power supply. If your device falls into this category, please use the order form in the back of this manual to order a power adapter from SIIG Upgrade Center.

Technical Support

QUESTIONS? SIIG's **Online Support** has the answers! Simply visit our web site at **www.siig.com** and click on **SUPPORT**. Our online support database is updated daily with new drivers and solutions. The answers to your problems could be just a few clicks away.

Return Merchandise Authorization (RMA)

SIIG warrants to the original buyer of the product that the hardware is free of defects in materials and workmanship for a period of one, two or five years from the date of purchase. If your product fails to be in good working order during the warranty period, you may return it to SIIG for repair or replacement at SIIG's option.

To return the product, you need to follow these steps:

Step 1: Contact SIIG's RMA Department

To obtain an RMA number, SIIG's RMA Department can be reached by phone at **(510)413-5333** or fax at **(510)657-5962** or email at **service@siig.com**. In order to issue an RMA number, the product serial number is required. This number can be found on the side of the box and on the back of the product.

Step 2: Complete the RMA form

- Fill out your Return Merchandise Authorization (RMA) form, and include it in the package with the product.
- Properly pack the product for shipping. All software, cable(s) and other accessories that came with the original package **must be included**.
- Clearly write your RMA number on the top of the returned package and on the accompanying RMA form.

SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.

Step 3: Ship the Product

You are responsible for the cost of shipping back to SIIG at the following address:

SIIG, Inc. RMA# _____
6078 Stewart Ave.
Fremont, CA 94538

SIIG will ship the repaired or replaced product via UPS Ground or US Mail at no cost to you.

PRODUCT NAME

1394 CardBus

MODEL NUMBER

NN26xx

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTICE:

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 and 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 the 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 or TV technician for help

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment

**THE PARTY RESPONSIBLE FOR
PRODUCT COMPLIANCE**

SIIG, Inc.

6078 Stewart Ave.

Fremont, CA 94538-3152

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SIIG and SIIG logo are registered trademarks of SIIG, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation. Pentium is a registered trademark of Intel Corporation. Other names used in publication are for identification only and may be trademarks of their respective companies.

If your distributor, dealer or retail store does not carry the Upgrade Kit, you can order it through SIIG Upgrade Center.

Upgrade Kit Order Form

1. Bill To:	Ship To: (If different than billing address)
Name _____	Name _____
Address _____	Address _____
_____	_____
City _____	City _____
State _____ Zip _____	State _____ Zip _____
Phone () _____	Phone () _____

2. Method of Payment

Check
 Money Order
 VISA
 MasterCard

Name/Co. on Card: _____

Credit Card No.: _____

Expiration: _____

3. Items Ordered

Qty	Our Part No.	Product Description	MSRP	Price	Total
	NN-ADAP11	Power Adapter for 1394 CardBus	\$29.99	\$19.99	

<p>1. Sales Tax 8.25% (For California Residents only)</p> <p>2. Shipping & Handling (For USA continent only) Ground Service \$6.00, 2nd Day Air \$9.00, Overnight \$20.00 (For other areas please call.)</p> <p>3. Lead Time Allow 7-10 working days. Shipment will be made after payment is clear.</p>	Subtotal	
	Sales Tax	
	Shipping & Handling	
	TOTAL	

Three Easy Ways to Order

- | | | |
|--|--|--|
| <p>1. Mail (Do not send cash)</p> <p>SIIG Inc.
6078 Stewart Avenue
Fremont, CA 94538
Attn: Upgrade Center</p> | <p>2. FAX</p> <p>(510) 657-3181</p> | <p>3. Phone</p> <p>(510) 657-8688
ext. 5316</p> |
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