

1394a + USB 2.0 ExpressCard

User Manual

Ver. 1.00

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Features and Benefits

General

- Fully compliant with ExpressCard Specification 1.0
- ExpressCard/34 Form Factor Module
- Hot-swapping feature allows to connect or disconnect devices without powering down system
- Support Windows® 2000 / XP / Server 2003

IEEE 1394a

- Compliant with IEEE 1394-1995, 1394a-2000 and OHCI 1.1 standards
- Provides two external independent FireWire 400 ports
- Data transfer speeds of 100, 200 and 400 Mbps are supported

USB 2.0

- Fully supports EHCI and OHCI Compliant standards
- Compliant with Universal Serial Bus specification revision 2.0
- Provides one external USB2.0 high speed port
- Supports simultaneous operation of multiple USB 2.0 and USB 1.1 devices
- Supports data transfer rates of high-speed (480Mbps), full-speed (12Mbps), and low-speed (1.5Mbps)

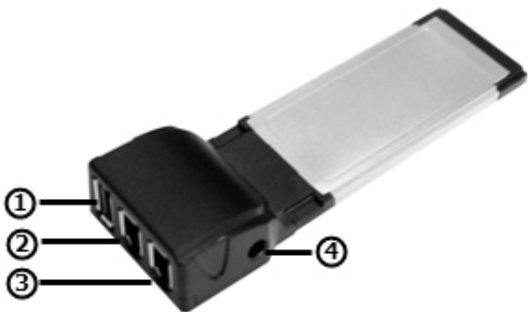
Package Contents

- 1 x 1394a + USB 2.0 ExpressCard
- 1 x User Manual

System Requirements

- Windows® 2000/XP/Server 2003
- ExpressCard-enabled system with an available ExpressCard slot

Hardware Description



① USB 2.0 Port

② FireWire 400 Port (6-Pin)

③ FireWire 400 Port (6-Pin)

④ Power Adapter Jack

CAUTION:

Use only switching power adapter with following specifications:

- Switching power adapter (Optional) DV 12V, 1A
Polarity: Outside negative voltage(-) & Inside positive voltage(+)
3.5mm power jack



Hardware Installation

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

Insert the Card into the ExpressCard slot of your system. Make sure it is inserted all the way in for a solid connection.

Driver Installation

Important: If your system doesn't boot to Windows properly with our card installed, check with your system's manufacturer for the latest system firmware update.

For Windows® 2000/XP/Server 2003

Once the Windows® 2000, XP and Server 2003 startup, 1394a + USB 2.0 ExpressCard will be installed automatically without driver installing. Please update your operating system to Windows® 2000 Service Pack 4, Windows® XP Server Pack 2, and Windows® Server 2003 Service Pack 1 or later version.

To Verify Windows® 2000/XP/Server 2003 Installation

Click on the “**Device Manager**” tab in System Properties, which you access from the Windows Control Panel. You should see an entry of the driver you installed under the IEEE 1394 Bus Host Controllers, Universal Serial Bus Controllers, and System devices items.

Start > Control Panel > System > Device Manager

