



ECC1424

IEEE1394a & USB2.0 Combo ExpressCard



Overview

SUNIX ECC1424, IEEE1394a & USB2.0 ExpressCard, the next evolution of the PC Card, combines a smaller form factor and faster performance with the PC Card reliability and ease of use. It is a single-chip solution both for IEEE 1394a and USB2.0 compact size ExpressCard/34 module and the interface has a potential transfer rate of up to 500 MB/sec (or 250 MB/sec in each direction) using a single-lane (or x1) PCI Express link.

ECFECC1424 was created to meet the need of the ExpressCard market where notebooks, desktops, and docking stations could add two additional two FireWire400 IEEE 1394a and USB2.0 ports via a single slim-type ExpressCard. Users will benefit from ExpressCard plug-n-play ease of use, which eliminates the need to open the chassis to add new features. With SUNIX ECC1424 combo ExpressCard, you can use both IEEE 1394a and USB2.0 multimedia peripheral, such as digital video (DV), hubs, data storage devices, PC video cameras, and more.

Features

General

- Full single-lane (or x1) PCI Express throughput.
- Supports PCI Express Base Specification Revision 1.1.
- ExpressCard hot plugging and hot swapping features.
- Supports Windows2000/XP/2003, and Linux 2.4x, 2.6x operation system.

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 ports.
- Supports simultaneous operation of multiple USB 2.0 and USB 1.1 devices.
- Supports data transfer rates of high-speed (480Mbps), full-speed (12 Mbps) and low-speed (1.5 Mbps).

IEEE 1394a

- Compliant with IEEE 1394 Open Host Controller Interface Specification 1.1.
- Provides IEEE 1394a software enable better performance of the hardware and data transfer.
- Provides two external independent FireWire ports.
- Data transfer speeds of 100, and 400 Mbps are supported.
- Cable power presence monitoring (power adapter using) for peripherals via 1394 cable.
- Devices can be daisy-chained and no central bus supervision is required.
- Supports peer to peer function and allows up to 63 devices to be connected in a chain through its standard 6-pin or 4-pin FireWire ports.

Package

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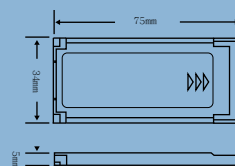
User Manual

IEEE1394a Cable (Optional)

Ulead DVD/VCD Editing Software (Optional)

Power Adapter (Optional)

Application



SUNIX CO., LTD.
HEADQUARTERS