

2 Port eSATA ExpressCard 54mm Card ECESATA254

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Introduction

Thank you for purchasing a StarTech.com 2 Port eSATA ExpressCard 54mm Card. Offering a simple connection from your notebook computer to eSATA (external SATA) storage, ECESATA254 provides two eSATA ports and features port multiplier support with FIS based switching, allowing multiple eSATA hard drives to be accessed using a single eSATA port.

Features

- Compliant with ExpressCard/54mm standard
- Compatible with PCI Express 1-lane (x1)
- Compliant with Serial ATA 1.0 specifications
- Supports Native Command Queuing (NCQ) hard drives
- Works with SATA I/II devices with transfer speeds up to 3.0 Gbps

Package Contents

- 1 x Driver CD
- 1 x eSATA ExpressCard
- 1 x User's Manual

System Requirements

- Pentium® or equivalent notebook with an available Type II PC Card slot
- Windows® 2000 SP4/XP SP1/Server 2003/Vista™

Specifications

Bus Type	ExpressCard 54mm
Chipset	Silicon Image Sil3132
Maximum Data Transfer Rate	3 Gbps
OS Support	Windows® XP, Vista™

FCC Compliance Statement

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 or 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 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/TV technician for help.

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Hardware Installation

1. Insert the controller card into an empty ExpressCard/54mm slot. This can be performed while the computer is powered on or off.
2. The operating system will detect the card and request the software driver. Insert the **Drivers & Utility CD** into the CD/DVD-ROM.
3. Direct the installation wizard to **x:\Silicon_Image\SIL3132\Windows**, (where **x:** designates the location of the CD/DVD-ROM drive) and click **OK**.
4. Click **Next** to continue the installation and follow the on-screen instructions until driver installation has completed.
5. Connect the external SATA/SATA II device(s) using eSATA cable(s) to the output ports of the controller card. (Please see StarTech.com ESATA3, ESATA6)
6. As necessary, configure the (eSATA connected) drive(s) partitions and format accordingly.

Verifying Successful Installation

1. Right-click on the *My Computer* icon and choose *Properties*.
2. In the left pane of the *Computer Management* window, select *Device Manager*.
3. In the right pane of the *Computer Management* window, click on the "+" sign next to *SCSI and RAID controllers*.
4. Right-click on the *Silicon Image Sil 3132 SATALink controller* listed here and choose *Properties*.
5. Check the *Device status* in the *General* window. Here, you should see a message indicating that "This device is working properly".