

# **eSATA 2-channel CardBus**

## **Quick Installation Guide**

### **1. Introduction**

This eSATA 2-channel CardBus provides dual eSATA channels to your notebook computer for various kinds of eSATA device connections.

#### **1-1 Features and Benefits**

- Compliant with Serial ATA specification v1.0
- Compliant with 32-bit PCMCIA CardBus type II specification
- Compliant with Serial ATA Generation 1 data transfer rates up to 1.5Gb/sec
- Provides two independent channels to connect up to two Serial ATA hard disk drives
- Supports hard disk drive larger than 137GB
- Features independent 256 byte FIFO per channel for host reads and writes
- Features Watch Dog timer for fault resiliency

#### **1-2 System Requirements**

- Pentium-class portable computer with one available 32-bit CardBus Type II slot
- Windows 98SE/ME/2000/XP/Server 2003

## **2. Installation**

### **2-1 Hardware Installation**

General instructions for installing the CardBus adapter are given since the location of the CardBus Type II slot may vary between different portable computers.

1. Insert the eSATA CardBus into an available CardBus Type II slot with the arrow orientation pointing towards the slot.
2. Hardware installation is completed. Please proceed to the next section for software installation.

### **2-2 Software Installation**

#### **2-2.1 Windows 98SE Driver Installation**

1. Boots up your portable computer.
2. Insert eSATA CardBus into one available 32-bit CardBus Type II slot.
3. When **Add New Hardware Wizard** displays **PCI Mass Storage Controller**, click **Next, Next**.
4. Insert the driver CD into your CD-ROM drive.
5. Check **CD-ROM drivers**, then click **Next**.
6. When **Add New Hardware Wizard** displays **Silicon Image SiI 3512 SATA Link Controller**, click **Next**, then **Finish**.

#### **Eject eSATA CardBus under Windows 98SE**

1. Go to Taskbar, click PC Card icon.
2. Click **Stop Silicon Image SiI 3512 SATA Link Controller**.
3. When **You may safely remove this device** appears, click **OK**.
4. Now you can softly eject SATA CardBus.

## **2-2.2 Windows ME Driver Installation**

1. Boots up your portable computer.
2. Insert eSATA CardBus into one available 32-bit CardBus Type II slot.
3. Insert the driver CD into your CD-ROM drive.
4. When **Add New Hardware Wizard** displays **PCI Mass Storage Controller**, check **Automatic search for a better driver [Recommended]**, then click **Next**.
5. When **Add New Hardware Wizard** displays **Silicon Image SiI 3512 SATALink Controller**, click **Finish**.

## **Eject eSATA CardBus under Windows ME**

1. Go to Taskbar, click PC Card icon.
2. Click **Stop Silicon Image SiI 3512 SATALink Controller**.
3. When **Safe To Remove Hardware** appears, click **OK** and softly eject eSATA CardBus.

## **2-2.3 Windows 2000 Driver Installation**

1. Boots up your portable computer.
2. Insert eSATA CardBus into one available 32-bit CardBus Type II slot.
3. When **Found New Hardware Wizard** appears, click **Next**.
4. When **Found New Hardware Wizard** displays **Mass Storage Controller**, click **Next**.
5. Insert the driver CD into your CD-ROM drive.
6. Select **CD-ROM drivers**, then click **Next, Next**.
7. When **Silicon Image SiI 3512 SATALink Controller** appears, click **Yes**, and **Finish**.

## **Eject eSATA CardBus under Windows 2000**

1. Go to Taskbar, click PC Card icon.
2. Click **Stop Silicon Image Sil 3512 SATALink Controller**.
3. When **Safe To Remove Hardware** appears, click **OK**.
4. Now you can softly eject eSATA CardBus.

## **2-2.4 Windows XP/Server 2003 Driver Installation**

1. Boots up your portable computer.
2. Insert SATA CardBus into one available 32-bit CardBus Type II slot.
3. At the **Found New Hardware Wizard**:  
*XP(w/SP1 or earlier)/Server 2003*: continue to step #5  
*XP(w/SP2 or later)/Server 2003(w/SP1 or later)*: select **No, not at this time**, then click **Next**.
4. Insert the driver CD, select **Install the software automatically (Recommended)**, and click **Next**.
5. When **Hardware Installation** displays **Silicon Image SiI 3512 SATALink Controller**, click **Continue Anyway**, then click **Finish**.

## **Eject eSATA CardBus under Windows XP/Server 2003**

1. Go to Taskbar, click PC Card icon.
2. Click **Safely Remove Silicon Image SiI 3512 SATALink Controller**.
3. When **Safe To Remove Hardware** appears, you can softly eject eSATA CardBus.



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