

LINDY®

COMPUTER CONNECTION TECHNOLOGY

2 Port SATA II – 3Gbps ExpressCard

User Manual

English



LINDY No. 51520

www.lindy.com



1. Introduction

Thank you for purchasing the LINDY 2 Port SATA ExpressCard. This card allows you to upgrade your notebook computer to feature two SATA II Channels. The card provides a 1 x 2.5Gbps ExpressCard/34 interface on the host side and dual, fully compliant SATA II 3Gbps ports on the device side.

Drivers for Windows NT4.0, XP, 2000 & Server2003 are supplied.

1.1. Features

- External SATA II (eSATA) connectors
- 48 bit LBA allows support for hard disks larger than 137GB
- 1-lane 2.5Gbps ExpressCard/34 host interface
- Hot-plug capability
- Supports SATA II transfer rates of up to 3Gbps
- Fully compliant with Serial ATA 1.0 specifications
- Supports two independent Serial ATA channels
- Independent Link, Transport, and data FIFO
- Independent command fetch, scatter/gather, and command execution
- Supports Legacy Command Queuing (LCQ)
- Supports Native Command Queuing (NCQ)
- Supports Non-zero offsets NCQ
- Supports Out of order data delivery NCQ
- Supports FIS-based switching with Port Multipliers
- 31 Commands and Scatter/Gather Tables per Port
- Two HDD access LED indicators

1.2. Package Contents

- SATA ExpressCard Host Adapter
- This manual
- Driver CD

2. Software Installation

2.1. Windows NT Installation

1. Insert the card into an available ExpressCard slot. Connect eSATA cable(s) between the SATA port and the SATA device(s).
2. Windows will display the '**Found New Hardware Wizard**'. Click '**Next**'.
3. Select '**Search for a suitable driver for my device (recommended)**' and click '**Next**'.
4. Insert the driver CD in your CD-ROM/DVD drive, check '**Specify a location**', uncheck the other boxes, click '**Next**', type in **E:** (where '**E**' is your CD-ROM/DVD). Click **Browse**.
5. Specify the driver location, e.g. **E:\SATA Express_2Port \Sil3132 \ WinXP_2000_2003_NT**, and click '**OPEN**' then '**OK**'.
6. Choose '**Silicon Image Sil 3132 SATA Link Controller**' and click '**OK**'.
7. After the driver installation has completed you can follow the instructions in section 2.3 to verify the controller was installed correctly.

2.2. Windows 2000/XP/Server 2003 installation

1. Insert the card into an available ExpressCard slot. Connect eSATA cable(s) between the SATA port and the SATA device(s).
2. Windows will display the '**Found New Hardware Wizard**', '**Mass Storage controller**'.
3. Select '**Install from a list or specific location (Advanced)**' and click "**Next**". Make sure the driver CD is in your CD-ROM/DVD drive.
4. Select '**Search for the best driver in these locations**', and check '**Include this location in the search:**'. Uncheck the other boxes.
5. Type in '**E:**' (If your CD-ROM/DVD is E:\) then click '**Browse**'.
6. Specify the driver location, e.g. **E:\SATA Express_2Port \Sil3132 \ WinXP_2000_2003_NT**, and click '**OPEN**' then '**OK**'.
7. When the wizard indicates that it has found a driver for the device, click '**Next**'
8. If the '**Hardware Installation**' dialog appears, click '**Continue Anyway**'
9. The wizard will now copy the required files to the system and start the driver. After starting the driver, the wizard will display a completion dialog, click '**Finish**' to exit the wizard.

2.3. Verifying the installation

For Windows 2000/XP/2003 Server

1. Right click the '**My Computer**' icon, select '**Properties**', left click the '**Hardware**' tab, and then click the '**Device Manager**' button.
2. Double click on '**SCSI and RAID Controllers**'. If there is no yellow '!' or ' ? ' in front of '**Silicon Image Sil 3132 SATALink Controller**', the driver has started correctly.
3. To view information about the devices attached to the controller, use the SilCfg Utility and click on the device from the list.

For Windows NT 4.0

1. Double click on the '**My Computer**' icon, select '**Control Panel**', click on the '**SCSI Adapters**' icon, '**Silicon Image Sil 3132 SATALink Controller**' should be displayed correctly under '**Device**' and '**Driver**' tab.
2. To view information about the devices attached to the controller, use the SilCfg Utility and click on the device from the list.

2.4. Updating the driver under Windows NT 4.0

1. Click '**Start**'
2. Under '**Settings**', click '**Control Panel**'.
3. Select '**SCSI Adapters**' from the Control Panel.
4. Select the '**Drivers**' tab and click '**Add**'.
5. Click '**Have Disk**'.
6. Insert the driver CD into your CD-ROM/DVD drive and press '**Enter**'.
7. Choose **E:\SATA Express_2Port \Sil3132 \ WinXP_2000_2003_NT** and click '**OK**'.
8. Refer to the instructions in section 2.3 to verify the controller was installed correctly.

2.5. Updating the driver under Win 2000/XP/Server 2003

1. Right click on the **'My Computer'** icon and select **'Properties'**. Under the **'System Properties'** section, click on the **'Hardware'** tab and then on **'Device Manager'**. Click **'SCSI and RAID Controllers'** and right click **'Silicon Image Sil 3132 SATALink Controller'**. Select **'Properties'** from the context menu.
2. Click **'Driver'** , **'Update Driver'** and select **'Search for a suitable driver for my device [Recommended]'**. Insert the driver CD into your CD-ROM/DVD drive. Click **'Next'** to complete the driver installation.
3. The system will go through the enumeration process and install the driver. At the end of the process, click **'Yes'** to reboot your system when necessary.
4. See the instructions in section 2.3 to verify controller was installed correctly.

WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products



United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products.

More details can be obtained from your national WEEE recycling agency.

Germany / Deutschland

Die Europäische Union hat mit der WEEE Richtlinie umfassende Regelungen für die Verschrottung und das Recycling von Elektro- und Elektronikprodukten geschaffen. Diese wurden von der Bundesregierung im Elektro- und Elektronikgerätegesetz – ElektroG in deutsches Recht umgesetzt.

Dieses Gesetz verbietet vom 24.März 2006 an das Entsorgen von entsprechenden, auch alten, Elektro- und Elektronikgeräten über die Hausmülltonne! Diese Geräte müssen den lokalen Sammelsystemen bzw. örtlichen Sammelstellen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernimmt die Gesamtheit der Gerätehersteller.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (WEEE) pour le recyclage de tout équipement électrique et électronique.

Chaque Etat membre de l' Union Européenne a mis en application la nouvelle réglementation WEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate.

Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.

Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.



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 operations.