LINDY®
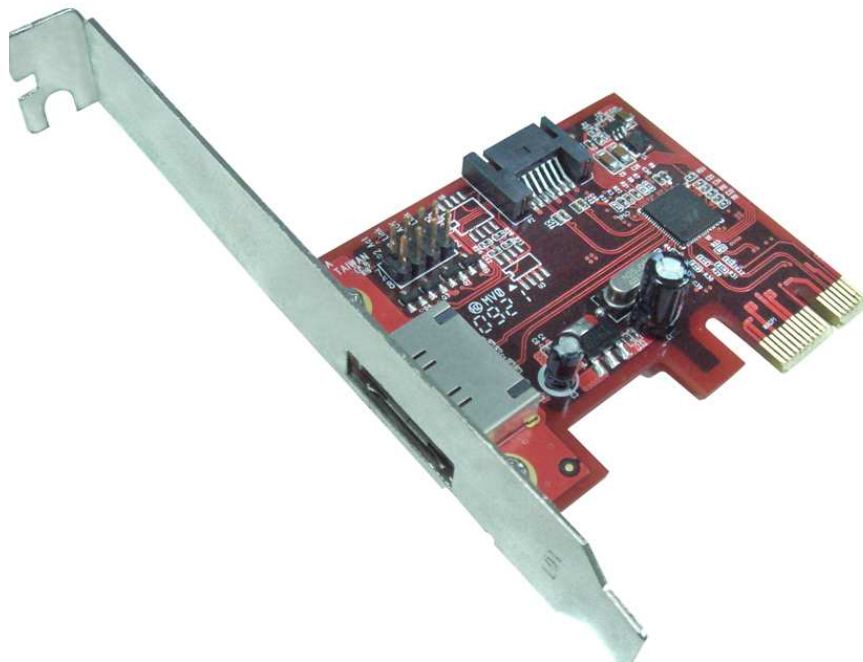
CONNECTION PERFECTION

6Gbps SATA 2port (1 INT + 1 EXT) Low Profile PCIe

User Manual *English*

LINDY No. 51402

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FC CE

1. Introduction

2Ports 6Gbps SATA III PCI Express 2.0 host board to support NCQ!

1.1. Features

- o 6Gbps SATA III 2 Ports

- o Supports 5Gbps PCI Express 2.0

- o Fully compliant with Serial ATA specifications 3.0

- o Supports SATA III transfer rate of 6.0Gbps, 3.0Gbps 1.5Gbps

- o Supports ATA and ATAPI commands

- o Supports Native Command Queuing (NCQ)

- o Support AES-256

- o 48 bits LBA can Break Capacity-Limit to Support HDD larger than 137GB
- o Low Profile PCI Form Factor

- o Includes an additional Low Profile Bracket

- o Hot-plug capability

- o Two Pin headers on board for LED connection

- o Completely with drivers for 64bit / 32bit Windows 7, Vista, XP

- o Fully RoHS compliant

1.2. Package Contents

Low Profile PCIe Host Adapter
Users Manual
Driver CD

2. Software Installation

2.1. Windows 7, Vista, XP Fresh OS installation

1. Power off the system. Insert SATA Card into an available PCIe slot. Connect serial ATA cable(s) between the SATA port and serial ATA device(s). Power up the system.
2. Put your Windows OS Setup CD into the CD-ROM/DVD drive, or diskette including all Directories and Files under "**SATA6G_M9128\Fresh**" into the floppy drive 'A' of XP system. Continue Step **3.** if your system OS is XP, but jump to Step **5.** for Windows 7/Vista.

3. Press '**F6**' for third party SCSI or driver installation at the beginning of text mode installation. Press **'S'** when screen message asks and '**Select**' & '**Enter**' '**Marvell shared library for 32/64 bit (install first)**'. Then Press **'S'** when screen message asks and repeat '**Select**' & '**Enter**' '**Marvell 91XX SATA Controller 32/64 bit Driver**'.
4. Press **'Enter'** again to continue on with text mode setup then go to Step **7.** after the XP installation is finished.
5. Follow the instructions to load file '**mv91xx.inf**' by browsing either "**SATA6G_M9128\Fresh\amd64** or **i386**". Then select your choices of disk partition and other setup operations.
6. After setup examines your disks, it will copy files from OS CD to the hard drive and restart the system. After restart the setup process will resume to finish the Windows 7/Vista installation.
7. Once the Fresh Installation has completed, go to Section **2.3.** to verify if the correct installation.

2.2. Adding the HBA to an existing Windows 7 / Vista / XP installation

1. Power off the system. Insert SATA Card into an available PCIe slot. Power up the system.
2. During system boot-up, Windows will display the messages such as '**Found New Hardware Wizard**' (XP), '**Windows needs to install...**' (Vista), & '**Device driver software was not successfully installed**' (Windows 7).
3. '**Cancel**' and go to auto driver installation by browsing the Driver CD.
4. Run the installer '**drvSetup.exe**' on Driver CD "**E:\SATA6G_M9128**" to have the latest driver for 32bit /64bit Windows until '**Finish**'.
5. Windows will display message again to ask you continue the installation.
6. '**Cancel**' and go to auto driver installation by browsing the Driver CD.
7. Run installer '**consoleSetup.exe**' on Driver CD "**E:\SATA6G_M9128 \Config**" until '**Finish**'.
8. Once the Adding Installation has completed, go to Section **2.3.** to verify if the correct installation.

2.3. Verifying The installation Windows 7 / Vista /XP

1. Right click on '**My Computer**' icon, select '**Properties**', left click on '**Hardware**' tab, and then on '**Device Manager**' button.
2. Double click on '**SCSI and RAID** or **Storage Controllers**' and '**System Devices**', to check if there is no '!' or '?' marks in front of **'Marvell 91XX SATA 6G Controller'** and '**Marvell 91XX Config Device**', the drivers are installed and started correctly. If yes, please repeat steps **2.2.4.** or **2.2.7.**

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 Direktive 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.