

LINDY®

CONNECTION PERFECTION

PCI Card

2 Ports SATA & 1 Port PATA

User Manual

English



LINDY No. 51115

www.LINDY.com



Features

Raid Controller

- Support RAID Level 0, Raid Level 1, 0+1 and JBOD

PCI Bus Interface

- Compliant with PCI Specification revision 2X.
- Supports up to 33/66 MHz PCI interface clock.
- Supports PCI native modes

Serial-ATA Interface

- Supports SATA 1.0 (High Speed Serialized AT Attachment, Revision 1.0), 1.5 Gbit/s data rate
- Supports internal PHY, with each PHY supporting up to SATA devices

Parallel-ATA Interface

- Supports Ultra DMA Mode Transfers up to Mode 6 Timing (133 Mbytes/sec).
- Supports PIO Modes up to Mode 4 Timings.
- Multiword DMA Mode 0,1,2 with Independent Timing of up to 4 drives.

System Requirements

Hardware:

- A Pentium®, Pentium Pro®, Pentium® III, IV or later, Pentium® compatible computer
- One PCI slot

This I/O card is made exclusively for the IBM-PC or compatible line of computer. If you are not sure what type of computer you have, check your system documentation for compatibility. This I/O card requires an available PCI slot inside your computer.

Software:

- Windows® 98SE/ME • Windows® NT/2000/XP/Server 2003

Package Contents

This PCI Card package includes the following:

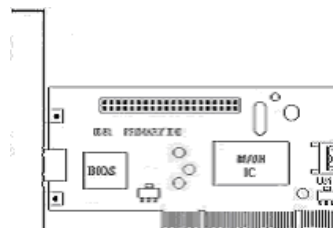
- Installation Guide • CD Driver

Hardware:

- PCI Ultra ATA Card

Configuration

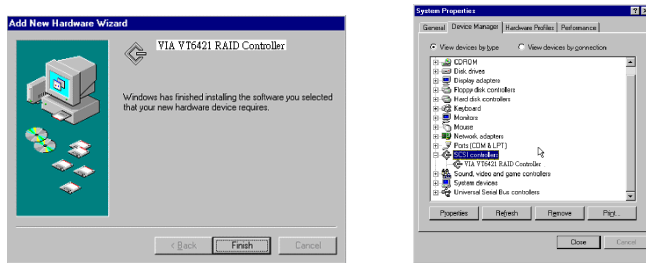
The Serial ATA PCI Card



V-E(1PATA+1 ESATA external+1 SATA internal)

Windows® 98SE/ME Drivers Installation Instructions

1. Start Windows.
2. When Windows detects VIA SATA PCI Controller in the system, a dialog box named **Add New Hardware Wizard** will show on the screen. Select the **Specify the location of the driver (Advanced)** option then click **"Next"** to continue to setup.
3. Insert the Controller Driver diskette into the CD drive then select **Search for the best driver for your device (Recommended)** from the following dialog box and type **D:\WIN9X** on the field designating the file's location. Press **"Next"** to continue to setup.
4. The driver for **VIA VT6421 RAID Controller** is found. Press **"Next"** to continue to setup.
5. The driver installation has finished. Press **"Finish"** to continue.
6. Follow the instruction to restart the computer then the driver will take effect.



Verify Installation

1. Right-click **My Computer** icon on **Desktop**. Select the **Properties** option from the form.
2. Select the **Device Manager** panel from the **System Properties** window. If **VIA VT6421 RAID Controller** device is shown below the **SCSI controllers** item (see the following figure), it means that the driver has been installed successfully.

Windows® NT Drivers Installation Instruction

Start Windows NT installation.

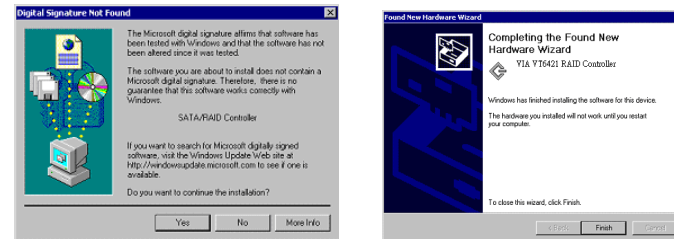
1. Select **Settings** from the **Start** menu then choose the **Control Panel** option from the **Settings** form.
2. In the **Control Panel** window, double-click on the **SCSI Adapters** icon.
3. Choose the **Drivers** tab from the **SCSI Adapters** window then press **"Add"** to continue.
4. Click **Have Disk** from the **Install Driver** window.
5. Insert the VIA SATA/RAID PCI Controller Driver CD into the CD drive then type **D:\WINNT4.0** on the field designating the file's location. Press **"OK"** to continue to setup.
6. Select **VIA VT6421 RAID Controller** from the window then click **"OK"** to continue.
7. Click **Have Disk** from the **Install Driver** window.
8. Follow the instruction to restart the computer then the driver will take effect.

Verify Installation

1. Follow step1 to step3 described in the previous section to activate the **SCSI Adapters** option.
2. If the **VIA VT6421 RAID Controller** device is shown on the **Devices** panel as shown below, it means that the driver has been installed successfully.

Windows® 2000 Drivers Installation Instructions

1. Start Windows 2000 installation.
2. When Windows detects VIA SATA PCI Controller in the system, a dialog box named **Found New Hardware Wizard** will show on the screen. Select the **Install from a list or specific location (Advanced)** option then click **"Next"** to continue to setup.
3. Select the option **"Specify the location"** and type in **"D:\WINXP"** then click on **"Next"**
4. Click **"Next"** and then **"Finish"** respectively.
5. Remove the diskette, then select **"Yes"** to restart the computer for the setup to take effect.
6. Follow the instruction to restart the computer then the driver will take effect.
- 7.



Verify Installation

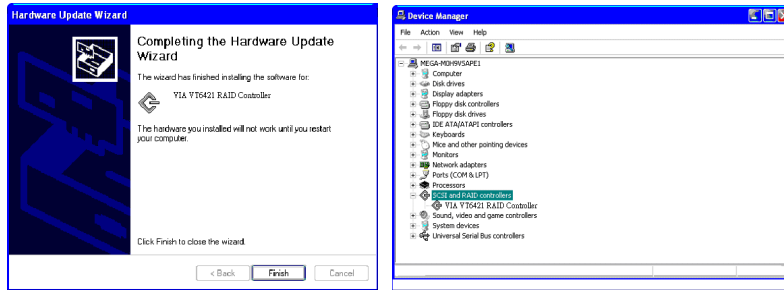
1. Right-click **My Computer** icon on **Desktop**. Select the **Properties** option from the form.
2. Select the **Hardware** tab from the **System Properties** window then click the **Device Manager** button on the panel. If **VIA VT6421 RAID Controller** device is shown below the **SCSI and RAID controllers** item (see the following figure), it means that the driver has been installed successfully.
3. If there is a marking ! or ? in front of the **VIA SATA PCI Controller** device, it indicates that the driver has not been correctly installed. User should remove the device and reinstall.

Windows® XP Drivers Installation Instructions:

1. Start Windows XP installation.
2. When Windows detects VIA SATA PCI Controller in the system, a dialog box named **Found New Hardware Wizard** will show on the screen. Select the **Install from a list or specific location (Advanced)** option then click **"Next"** to continue to setup.
3. Insert the VIA SATA PCI Controller Driver diskette into the CD drive then type **D:\WINXP** on the field designating the file's location. Press **"Next"** to continue to setup.
4. The driver installation has finished. Press **"Finish"** to continue.
5. Follow the instruction to restart the computer then the driver will take effect.

Verify Installation

1. Right-click **My Computer** icon on **Desktop**. Select the **Properties** option from the form.



2. Select the **Hardware** tab from the **System Properties** window then click the **Device Manager** button on the panel. If **VIA VT6421 RAID Controller** device is shown below the **SCSI and RAID controllers** item (see the following figure), it means that the driver has been installed successfully.
3. If there is a marking ! or ? in front of the **VIA SATA PCI Controller** device, it indicates that the driver has not been correctly installed. User should remove the device and reinstall.

CE Statement

This device complies with the European Regulations for Electromagnetic Compatibility (EMC) of the European Union and it is equipped with the CE mark. This unit has to be used with high quality shielded connection cables. Only if such high quality shielded cables are used can you be sure that the EMC compatibility is not adversely influenced.

FCC Statement

Shielded cables must be used with this equipment to maintain compliance with radio frequency energy emission regulations and ensure a suitably high level of immunity to electromagnetic disturbances.

FCC Warning

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 technician for help

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.



**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 Sammelssystemen 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.

