Zoltrix
Speedway 133 + RAID

User's Manual
Jan 23, 2002 • Revision 1.0

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Manual Version 1.0
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Thank you for choosing Zoltrix Speedway UDMA133 + RAID controller card. It provides you both choices of using either UDMA133 or RAID set. Please read the following installation instruction for UDMA133 carefully before proceeding. Some points are important to note. For RAID setting, please refer to the installation file in the driver disk.

Zoltrix Driver Installation for UDMA133 mode

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1. Windows NT 4.0 and Windows 2000/XP Fresh Installation

Follow the instructions in this section if you are performing a new installation of Windows NT 4.0 or Windows 2000/XP, and you wish to boot from a device attached to the Speedway controller.

1) Power off the system. Connect the hard drives to the Speedway controller and insert the controller into a PCI slot. Power up the system.

2) Put your Windows NT/2000/XP CD into the CD-ROM/DVD drive, or the NT/2000/XP boot diskette #1 in the floppy drive if your system cannot boot from the CD.

3) Press F6 for third party SCSI or driver installation at the beginning of text mode installation. Press 's' when setup asks if you want to specify an additional device, and insert the driver diskette.

   If installing Windows NT 4.0, select:
   'Silicon Image PCI-0680 ATA/133 Controller for NT 4.0'
   If installing Windows 2000/Windows XP, select:
   'Silicon Image PCI-0680 ATA/133 Controller for Windows 2000/XP'

4) Press 'Enter' to continue on with text mode setup.

5) Follow the setup instructions to select your choice for partition and file system.

6) After setup examines your disks, it will copy files to Windows 2000 installation folders and restart the system. The setup program will continue and finish the installation after restart.

7) Wait until Windows 2000 finishes installing devices, regional settings, networking settings, components, and final set of tasks, reboot the system.

8) See instructions in section 5 to verify controller was installed correctly.

2. Windows 98/98SE/ME Installation

1) Power off the system. Connect the hard drives to the Speedway controller and insert it into a PCI slot. Power up the system.

2) After Windows is booted, it will detect the controller and prompt for driver location.

3) Please insert the driver diskette into A: drive.

4) Windows will finish the installation automatically. Reboot the computer if Windows requests.

3. Adding the Speedway controller to an existing Windows NT 4.0 installation

Follow the instructions in this section to install the driver on a system already running Windows NT 4.0.

1) Power off the system. Insert the Speedway controller into a PCI slot. Power up the system. **(DO NOT CONNECT HARD DISK TO THE SPEEDWAY CONTROLLER AT THIS TIME)**

2) After OS boots up, Click 'Start'

3) Under 'Settings', click 'Control Panel'.

4) Select 'SCSI Adapters' from the Control Panel.

5) Select the 'Drivers' tab and click 'Add'.

6) Click 'Have Disk'.

7) Insert the driver diskette into A: and press 'Enter'.

8) Choose 'SiIi PCI-0680 ATA/133 Controller' and click 'OK'.

9) Once driver is installed completely. Power down the system and connect the hard disk to the Speedway controller. Then turn the system back on to function properly.

10) See instructions in section 5 to verify controller was installed correctly.

4. Adding the Speedway controller to an existing Windows 2000/XP/98/ME

Follow the instructions in this section to install the driver on a system already running Windows.

1. Power off the system. Insert the Speedway controller into a PCI slot. Power up the system. **(DO NOT CONNECT HARD DISK TO THE SPEEDWAY CONTROLLER AT THIS TIME)**

2. During OS boot up, 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. Under 'Optional search locations' insure that 'Floppy disk drives' is checked.

5. Insert the driver diskette into A: and click 'Next'.

6. When the wizard indicates that it found a driver for the device click 'Next'.

7. If the 'Digital Signature Not found' dialog appears, click 'Yes' to continue installing the driver.

8. 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.

9. Once driver is installed completely. Power down the system and connect the hard disk to the Speedway controller. Then turn the system back on to function properly.

10. See instructions in section 5 to verify controller was installed correctly.

5. Verifying controller installation.

Follow the instructions in this section to verify that the controller was installed correctly.

For Windows 2000/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 'IDE ATA/ATAPI Controllers', If there is no yellow '! ' or ' ? ' in front of 'SiI PCI-0680 ATA/133 Controller', the driver is started correctly.

3. To view information about the devices attached to the controller, right click the 'SiI PCI-0680 ATA/133 Controller' and select Properties from the context menu, then select the tab labeled 'Device Info'.

For Windows NT 4.0

1. Double click on 'My Computer' icon, select 'Control Panel', click on 'SCSI Adapters' icon, 'SiI PCI-0680 ATA/133 Controller' should displayed correctly under 'Device' and 'Driver' tab.

2. To view information about the devices attached to the controller, double click on the 'Silicon Image ATA Controllers' control panel applet. Select a controller from the list at the top of the dialog. Then select a device from the 'Device Location' drop down list to view its information.