

Company: FirmTek, LLC

Date: May 27, 2007

Subject: - SeriTek Windows Driver;

Products: **1V4, 1eVE4, 1VE4, 1eVE2+2, 1VE2+2**

Purpose: Procedure for Windows Installation
Window 2003 Enterprise Edition
Windows 2000 Advanced Server
Windows XP Professional

INSTALLATION PROCEDURES:

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The following installation instructions were written based on the SeriTek/1V4, SeriTek/1VE4 and SeriTek/1V2+2 PCI-X SATA controller.

All references to HBA in this document are in reference to the SeriTek/1V4, SeriTek/1VE4 and SeriTek/1V2+2 PCI-X HBA.

Windows driver's installation instructions:

- 1) Obtain a copy of the latest driver files and copy to a storage device accessible to the targeted computer system (e.g. floppy diskette, cdrom, folder on the local hard drive, etc)
- 2) Power-off and unplug the power cord from the computer system to which you are installing the HBA. Caution: Use proper ESD techniques when handling the HBA!
- 3) Locate and install the HBA into an available PCI-X slot (SeriTek/1V4, SeriTek/1VE4 and SeriTek/1V2+2 supports all PCI-X and PCI slots.).
- 4) Connect the HBA's port(s) to SATA drive(s) using standard SATA cable(s).
- 5) Replace the computer's cover; plug the power cord back into the computer, power-on the computer, and boot into the Windows operating system using a user account with administrative rights.
- 6) Give the Plug-n-Play manager a chance to discover the new hardware (this might take up to 30 seconds once you are logged into the OS). If the hardware is not automatically discovered, see alternate instructions.
- 7) When the 'Found New Hardware Wizard' comes up:
 - a) **Windows Server 2003 and XP Professional** (should be detected as a new "PCI device"):
 - i) Select "Install from a list or specific location" and "Next"
 - ii) Place a check in the box for option "Include this location in the search:" and type in or browse for the path where the driver files are located (e.g. floppy diskette, or folder on the local computer) and complete the installation wizard.
 - iii) Reboot the computer, if prompted, to complete the install.
 - b) **Windows 2000 Advanced Server:**
 - Click "Next" to start the installation wizard
 - Select "Search for a suitable driver for my device" and "Next" to continue
 - Place a check in the proper box where the driver files are located. You can search your removable media or specify a location
 - When the wizard finds the driver continue and complete the driver installation
- 8) Configuration of SATA drive: Configuration of devices (SATA hard disk drives) behind a SeriTek HBA is initially required through the following:

On the desktop go to: Start -> (right-click) My Computer -> Manage-> Storage -> Disk Management

Alternate Windows drivers installation instructions:

If the Plug-n-Play manager does not detect your new hardware upon the first time you log into the OS after physically installing the HBA, use the following installation procedures for the driver.

Windows Server 2003 and XP Professional:

1. Start the 'Computer Management' utility and select Device Manager
2. If there is a 'yellow bang' in the right-side panel for 'SCSI and RAID controllers', right click the device and select 'Update Driver...'
 - a. This will bring up the 'Hardware Update Wizard'
 - b. Follow the instructions in step 8a in the above set of installation instructions
 - c. If the hardware is not detected, go to the top of the tree in the right-side panel
3. Right click the computer icon and click 'Scan for hardware changes' and follow the wizard instructions
4. If the hardware is still not detected, power-off your computer, ensure that the hardware is configured correctly, and that the latest firmware is installed on the HBA, then retry these procedures.

Windows 2000 Advanced Server:

1. Start the 'Computer Management' utility and select Device Manager
2. If there is a 'yellow bang' in the right-side panel for 'SCSI and RAID controllers', double click the device and select 'Reinstall Driver...'
 - a. Follow the instructions in step 8b in the above set of installation instructions
 - b. If the hardware is not detected, go to the top of the tree in the right-side panel
3. Right click the computer icon and click 'Scan for hardware changes' and follow the wizard instructions
4. If the hardware is still not detected, power-off your computer, ensure that the hardware is configured correctly, and that the latest firmware is installed on the HBA, then retry these procedures

NOTES:

This software was validated with:

(~)Windows Server 2003 Enterprise Edition

(~)Windows 2000 Advanced Server

(~)Windows XP Professional

(~)Indicates that this driver package (driver version 1.1.5.0) has been WHQL certified for these operating systems at the time of this release.

