

Chapter 3 Software Setup

Drivers, Utilities and Software Installation

Support CD:

This mainboard will be shipped with a Support CD which contains those necessary driver files, Application Softwares and some helpful utilities. It is a user-friendly, auto-run CD which will open itself up in a CD-ROM automatically.

This chapter is devoted to describing the installations of all these essential drivers and utilities on Windows 98SE, Windows ME, Windows 2000 and Windows XP. The installation procedures for all these operating systems are programed into an auto-run mode. What users have to do is read and follow the pop-up instructions. We therefore take the installation on Windows XP as the general illustration hereby.

The priority of driver installation should also be noted. Users are recommended to take the following installation order:

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3-1 To Open Up Support CD:

1. Please put the Support CD enclosed in your mainboard package into the CD-ROM drive. In a few seconds, the Main Menu will automatically appear, displaying the contents to be installed for this series:

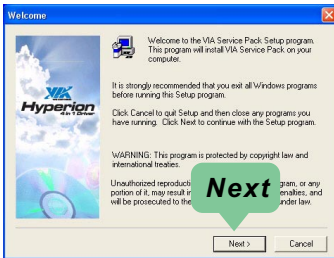


2. In case your system does not open the Support CD automatically, please click to the following path to enter the Main Installation Menu:
D:\ Autorun.exe (assuming that your CD-ROM Drive is Drive D)
3. We recommend that drivers installation should be started from top to bottom of main menu.
4. Drivers will be updated from time to time in our web site. If you are installing a newer driver than the one illustrated in this chapter, please be aware that the illustration pictures might be different.

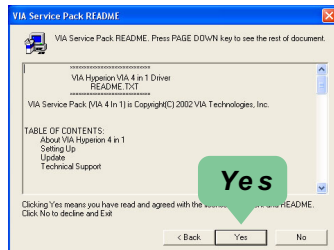
3-2 VIA 4-IN-1 Drivers Installation

1. Following the procedures of opening the Support CD, click to “VIA 4-in-1 Drivers” to proceed.

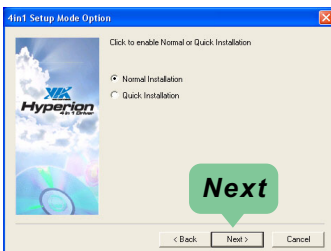
2. The VIA Service Pack InstallShield Wizard will pop up to guide you to the VIA Service pack installation. Click “Next” button to continue.



3. “VIA Service Pack README” screen will appear, please click the “Yes” button to agree with the Licence Agreement and continue.

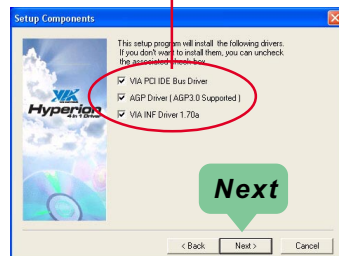


4. On the screen below, check “Normally Install” and click “Next” to continue. (If you check “Quick Install”, you will skip the detailed procedures of the VIA 4-in-1 Setup.)

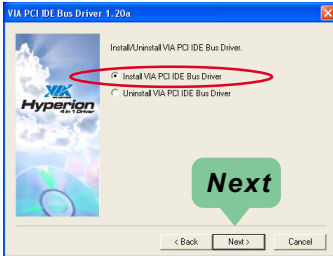


5. Select the checkbox as below and click “Next” to continue:

- VIA PCI IDE Bus Driver
- AGP Driver (AGP 3.0 Supported)
- VIA INF Driver 1.70a



6. Select “Install VIA PCI IDE Driver” checkbox, then click the “Next” button to continue.



7. Select “Install VIA AGP Driver” checkbox in turbo mode and press “Next” button to continue.



8. After all these setup procedures have finished, you should restart your computer by clicking on “OK” so as to put VIA 4-in-1 drivers into effect and proceed to next driver installation.



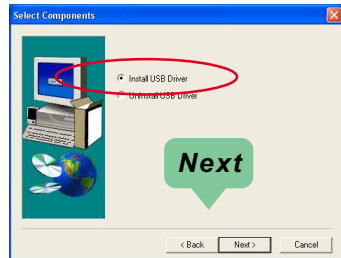
3-3 USB 2.0 Driver installation

VIA USB V2.0 is already integrated on board. Its 480Mb/s transfer rate supports operating systems Windows 98SE/ME/2000/XP. USB2.0 Driver is typically for Windows 98SE/ME. For Windows 2000/XP, users can install their latest Service Pack instead of the USB2.0 driver to gain the USB2.0 support. For the Windows system which is not installed with its latest Service Pack, users must install the USB2.0 driver to activate the USB2.0 support:

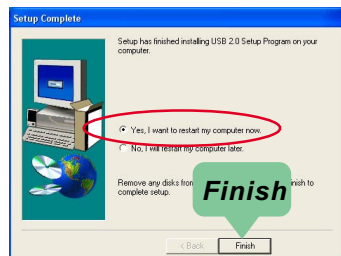
1. Following the procedures of opening the Support CD, click to choose “VIA USB 2.0 Driver” to proceed. Please notice that the USB card driver is different from the USB 2.0 driver typically for the on-board USB. Do not use the USB card driver here.
2. Instantly the “USB 2.0 Setup Program” will pop up on screen. Click “Next” to continue.



3. Instantly, next screen will pop up to prompt you to select component. Select “Install USB Driver” and click “Next” button to continue.



4. The USB 2.0 Setup Program will then guide you through the whole driver setup until the “Finish” screen appears to prompt you to restart your system. Please click “Finish” button to restart system to put the new driver into effect.



3-4 To Install Integrated VGA Driver

1. Following the procedures of opening the Support CD, click to “VGA Driver” to proceed.

2. Instantly, theVIA /S3G Setup Program”screen appears to guide you through theVIA / S3G Driver Setup.Please press “Next” button to continue.



3. Instantly, the Setup Program starts to copy files.



4. After the setup process is finished, please check the radial button “Yes, I want to restart my computer now.” And click “Finish” to restart your system.



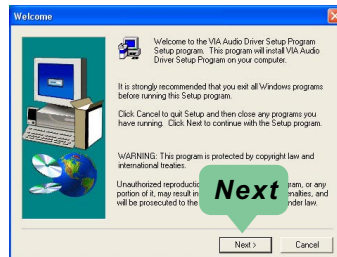
3-5 To Install AC'97 Audio Driver

VIA AC97 Audio Codec VT1616 on board, AC'97 2.2 compatible, supporting 6 channel audio codec for PC multimedia systems. VIA AC'97 Audio Codec Driver is provided in Support CD for user's installation.

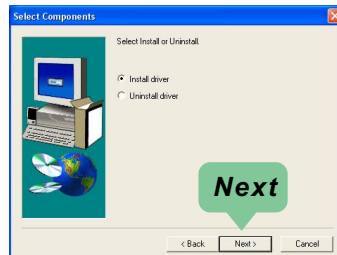
3-5.1 Installation

1. Following the procedures of opening the Support CD, click to "AC'97 Audio Driver" to proceed.

2. Instantly, the "VIA Audio Driver Setup Program" screen appears to guide you through the "VIA Audio Driver" Setup, please press "Next" button to continue.



3. Instantly, check "Install Driver" and click "Next" to continue. (If you want to stop setup, click the "Cancel" button.)



4. After the setup process is finished, please check the radial button "Yes, I want to restart my computer now." And click "Finish" to restart your system.



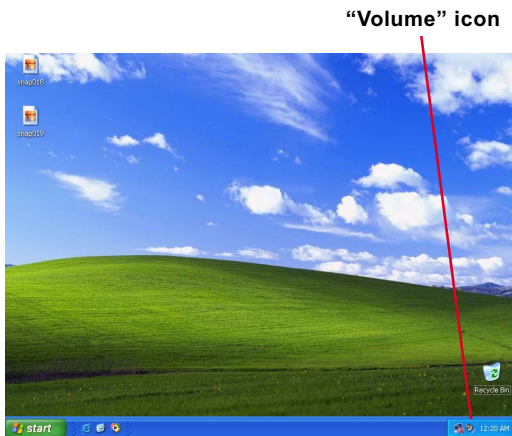
3-5.2 To verify 6-channel Audio

After installation of AC'97 6-channel Codec, you must configure the 5.1 Speaker connection to enable the 6-channel audio.

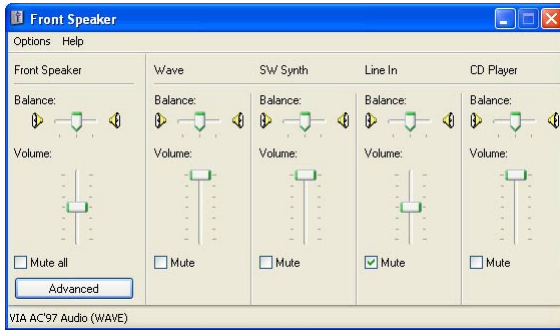
1. Connect your on-board Audio Connector to your 6-channel speakers as depicted in the figure below:



2. After Connection is done, start your Windows system and double click “volume” icon at the taskbar to enter 6-channel configuration:



3. Again click “Advanced” button to enter 6 channel configuration.



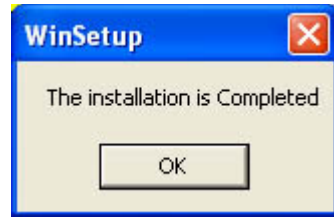
4. At the “Other Controls”, pick the item “Smart 5.1 Enable” to activate 6 channel configuration. Then click “Close” to finish configuration.



3-6 LAN Driver Installation (for PM800-L only)

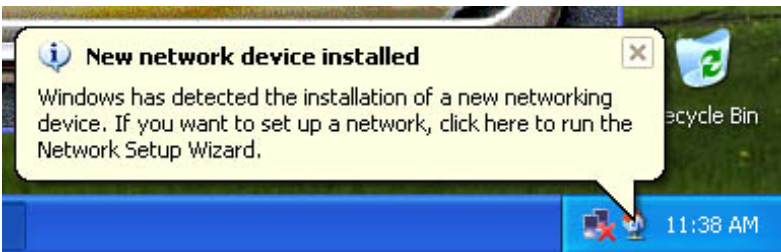
3-6.1 Installation

1. Following the procedures of opening the Support CD, click to “Onboard LAN Driver” to proceed.
2. Instantly, “The installation is completed” screen appears, indicating that LAN Driver setup is finished.



3-6.2 Verification

1. After LAN Driver setup, a new networking icon will appear at the corner of the “Start” screen of your system, indicating that a network channel has been set up.



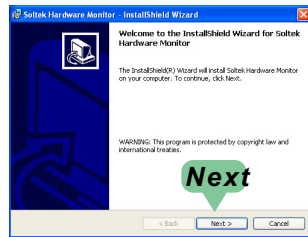
3-7 Install Hardware Monitor Utility

3-7.1 Installation

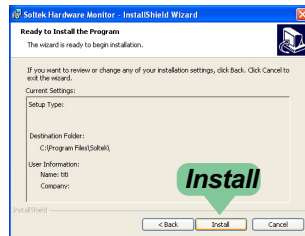
Hardware Monitor is built on this mainboard. Its installation is programmed to a fully automated mode on Windows 9X/Me/NT4/2000/XP. Users can follow the model installation below for its installation on various Windows System.

1. Following the procedures of opening the Support CD, click to “Hardware Monitor Utility” to proceed.

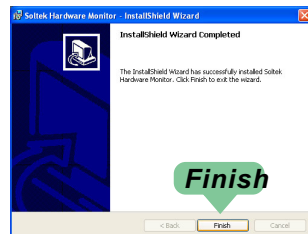
2. The Soltek Hardware Monitor InstallShield Wizard will pop up to guide you to the Intel Service pack installation. Press “Next” button to continue.



3. The **InstallShield Wizard** screen will show the current setting, please click the “Install” button to continue.



4. After all the setup process is finished, click “Finish” to exit the wizard.



3-7.2 Verification

1. After installing Soltek Hardware Monitor, double click "SoltekHM" icon on the desktop to open the main window of the Soltek Hardware Doctor.



2. Then the pop-up screen will show all information about CPU Temperature, Fan Speed and various Voltages.

The screenshot shows the Soltek Hardware Monitor software interface. It features a futuristic, metallic-looking design with several data panels. Callout boxes provide the following information:

- Showing the temperature(s), the function of which is supported by the mainboard.** Points to the TEMPERATURE panel showing CPU, ABS II, and RT2 temperatures.
- Showing the Fan Speed(s) that is supported by the mainboard.** Points to the FAN TACHMETER panel showing Fan 1, Fan 2, and Fan 3 speeds.
- Click on "Soltek" button to display the function menu.** Points to the central Soltek logo button.
- Showing the Voltage(s) that is supported by the mainboard.** Points to the VOLTAGE panel showing CPU, DRAM, 3.3V, 5V, 12V, 5VSB, and Battery voltages.
- Status Warning LED** points to a green LED indicator on the right side of the interface.

TEMPERATURE		FAN TACHMETER	
CPU Del	40	Fan 1	1007 / 1000rpm
ABS II	47	Fan 2	6730 / 1000rpm
RT2	29	Fan 3	1007 / 1000rpm

VOLTAGE		12V	
CPU Voltage	1.212	12V	12.026
DRAM Voltage	1.512	5VSB	5.126
3.3V	1.278	Battery	1.200
5V	4.918		

*Note: Not all items or functions showing in the above picture will show up. Only those items or functions that are supported by the mainboard will reveal themselves in the above screen.