

# **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.

Contents of Support CD:

For this mainboard, user will be able to find in the Support CD the following drivers and utilities:

1. VIA 4-in-1 Drivers
2. AC'97 Audio Drivers
3. VIA USB 2.0 Drivers
4. Hardware Monitor Utility
5. Other drivers (including LAN drivers)

This chapter is devoted to describing the installations of all these essential drivers and utilities on Windows 9X, Windows ME , Windows 2000 and Windows XP. The installation procedures for all these operating systems are programmed 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 98 as the general illustration hereby.

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

### **3-1 Open Support CD and choose your drivers**

### **3-2 VIA 4-in-1 Drivers Installation**

### **3-3 AC'97 Audio Drivers Installation**

### **3-4 USB 2.0 Drivers Installation**

### **3-5 Hardware Monitor Utility Installation**

### 3-1 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:

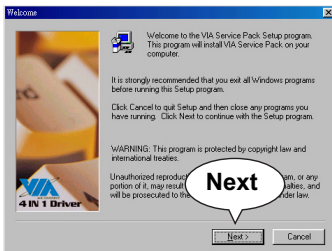


2. In case your system does not open the Support CD automatically, please click to the following path to enter the Main Installation Menu:  
  
D:\ Autorun.exe (assuming that your CD-ROM Drive is Drive D)
3. Users are recommended to install all the drivers and utilities at a time, though they can be installed separately.  
Also, we should take "VIA 4-in-1 Drivers" as first installation priority to optimize the VIA system.  
From next section, we provide detailed descriptions of all these installations with graphical illustrations.

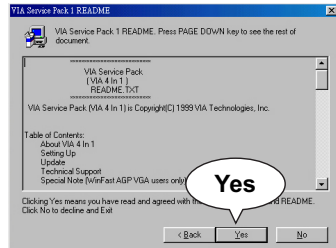
## 3-2 Proceed to VIA 4-IN-1 Drivers Installation

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

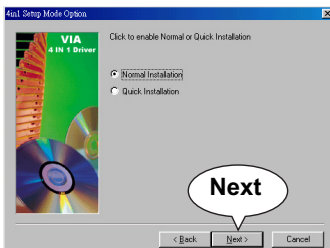
2. The VIA Service Pack InstallShield Wizard will pop up to guide you to the VIA Service pack installation. Click “Next” button to continue.



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

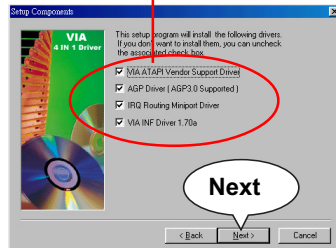


4. On the screen below, check “Normally Install” and click “Next” to continue. (If you check “Quickly Install”, you will skip the detailed procedures of the VIA 4-in-1 Setup.)

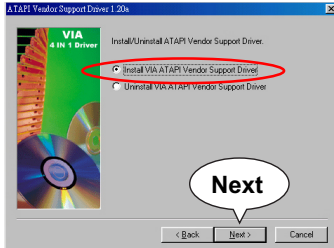


5. Select the checkbox as below and click “Next” to continue:

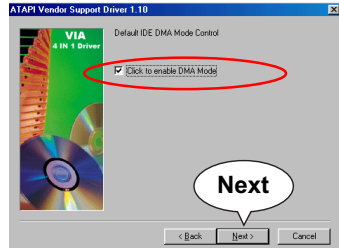
- ☒ VIA ATAPI Vendor Support Driver
- ☒ AGP Driver (AGP3.0 Supported)
- ☒ IRQ Routing Miniport Driver
- ☒ VIA INF Driver 1.70a



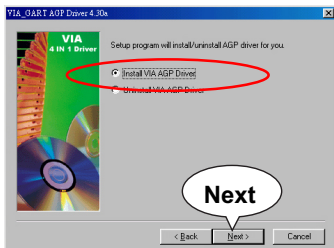
6. Select “Install VIA ATAPI Vendor Support Driver” checkbox, then click the “Next” button to continue.



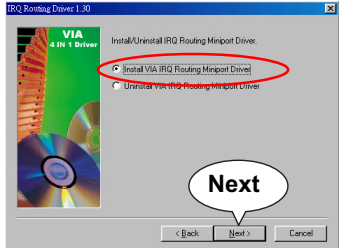
7. Click on “Click to enable DMA Mode” checkbox to enable DMA function, then click the “Next” button to continue.



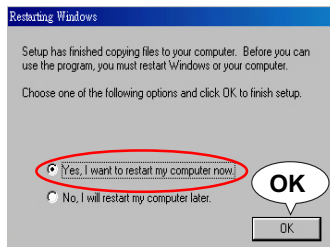
8. Select “Install VIA AGP Driver” and press “Next” button to continue.



9. Select “Install VIA IRQ Routing Miniport Driver” checkbox, then click the “Next” button to continue.

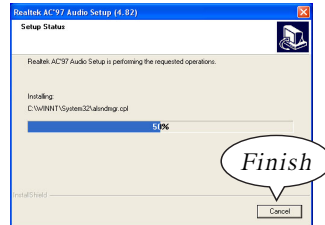
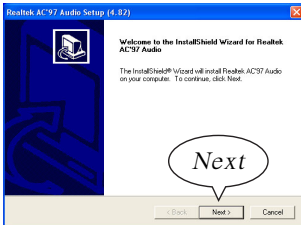


10. After all these setup procedures have finished, you should restart your computer by clicking on “OK” so as to put VIA 4-in-1 drivers into effect and proceed to second driver installation.



### 3-3 Proceed to AC'97 Audio Driver Installation

- 1 Following the installation of VIA 4in1 drivers, you have to restart system so that your system can be reconfigured with VIA 4in1. When restarting procedures finish, please open the Support CD with your CD-ROM to enter the Main Installation Menu. Then click to "Install AC97 Audio Driver".
- 2 The Realtek AC'97 Audio Setup InstallShield Wizard will pop up to guide you to the Realtek AC'97 Audio Driver installation. Press "Next" button to continue.
- 3 After all setup procedures have completed, click to "Finish" button to restart your computer and it will take into effect after rebooting up.



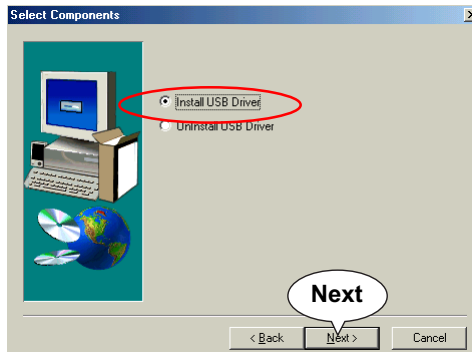
### **3-4 Install USB 2.0 Driver for Win98 / Me / 2000 / XP**

VIA USB V2.0 is already integrated on board. Its 480Mb/s transfer rate supports operating system Win98/Me/2000/XP. USB Driver installation procedures are of similar steps in these systems. Please take the following illustrations from Win XP as the USB driver installation guide:

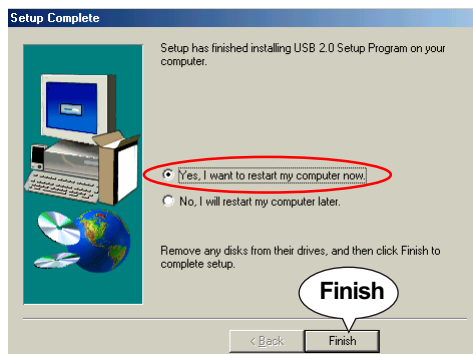
1. Following the procedures of opening the Support CD, click to “Motherboard Drivers” and then choose “VIA USB 2.0 Driver” to proceed. Please notice that the USB card driver is different from the USB 2.0 driver typically for the on-board USB. Do not use the USB card driver here.
2. Instantly the “USB 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 (including the acceptance of License Agreement) 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.



## 3-5 To Install Hardware Monitor Utility

### 3-5.1 Installation

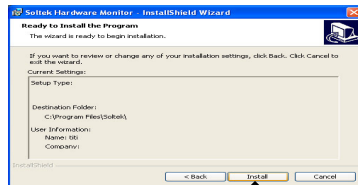
Hardware Monitor is built on this mainboard. Its installation is programmed to a fully automated mode on Windows 9X/Me/NT4/2000/XP. User can follow the model installation below for its installation on various Windows System.

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

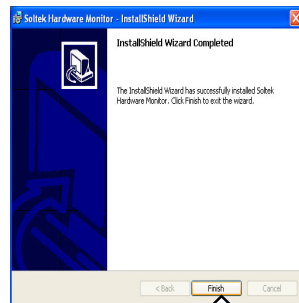
2. Then the installation program automatically opens the “Soltek HM Setup” screen. Click “OK” to continue.



3. Select the Program folder and click “Install” to continue.



4. In a few seconds, the installation completes. Click the “Finish” button to complete the driver utility setup.





### 3-5.2 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.

Showing the temperature(s), the function of which is supported by the mainboard.

Showing the Fan Speed(s) that is supported by the mainboard.

Click on “Soltek” button to display the function menu.

Showing the Voltage(s) that is supported by the mainboard.

Status Warning LED

TEMPERATURE		FAN TACHOMETER	
CPU Deg	27	Fan 1	2700
AMB	25	Fan 2	0
RT 1	25	Fan 3	0
RT 2	27		

VOLTAGE			
CPU Voltage	1.728	12V	11.068
ATX Voltage	1.488	-12V	-12.032
DRAM Voltage	2.50	5V	4.76
3.3V	3.306	5VSB	4.704
BV	0.00	Battery	3.448

**\*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.