SY-6VBA 133 Motherboard

Quick Start Guide

FC Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

100% POST CONSUMER RECYCLED PAPER

SY-6VBA 133 Motherboard

Pentium$^®$ III, Pentium$^®$ II & Celeron^{TM} processors
Via Apollo Pro133 AGP/PCI Motherboard
66/100/133 MHz Front Side Bus supported
ATX Form Factor

About This Guide:
This Quick Start Guide is for assisting system manufacturers and end users in setting up and installing the Motherboard. Information in this guide has been carefully checked for reliability; however, no guarantee is given as to the correctness of the contents. The information in this document is subject to change without notice.

If you need any further information, please visit our **Web Site** on the Internet. The address is **"http://www.soyo.com.tw"**.

6VBA 133 Serial - Version 1.2 - Edition: September 1999
* These specifications are subject to change without notice

1 *Introduction*

Congratulations on your purchase of the **SY-6VBA 133** Motherboard. This *Quick Start Guide* describes the steps for installing and setting up your new Motherboard.

This guide is designed for all users to provide the basic steps of Motherboard setting and operation. For further information, please refer to *SY-6VBA 133 Motherboard User's Guide and Technical Reference* online manual included on the CD-ROM packed with your Motherboard.

Introduction

Unpacking

When unpacking the Motherboard, check for the following items:

◆   The SY-6VBA 133 Via Apollo Pro133 AGP/PCI Motherboard

◆   This Quick Start Guide

◆   The Installation CD-ROM

◆   SOYO 3-in-1 Bonus Pack CD-ROM (Norton AntiVirus, Ghost and Virtual Drive)

◆   The CPU Retention Set

◆   One IDE Device ATA 66 Flat Cable

◆   One Floppy Disk Drive Flat Cable

SY-6VBA 133 Motherboard Layout
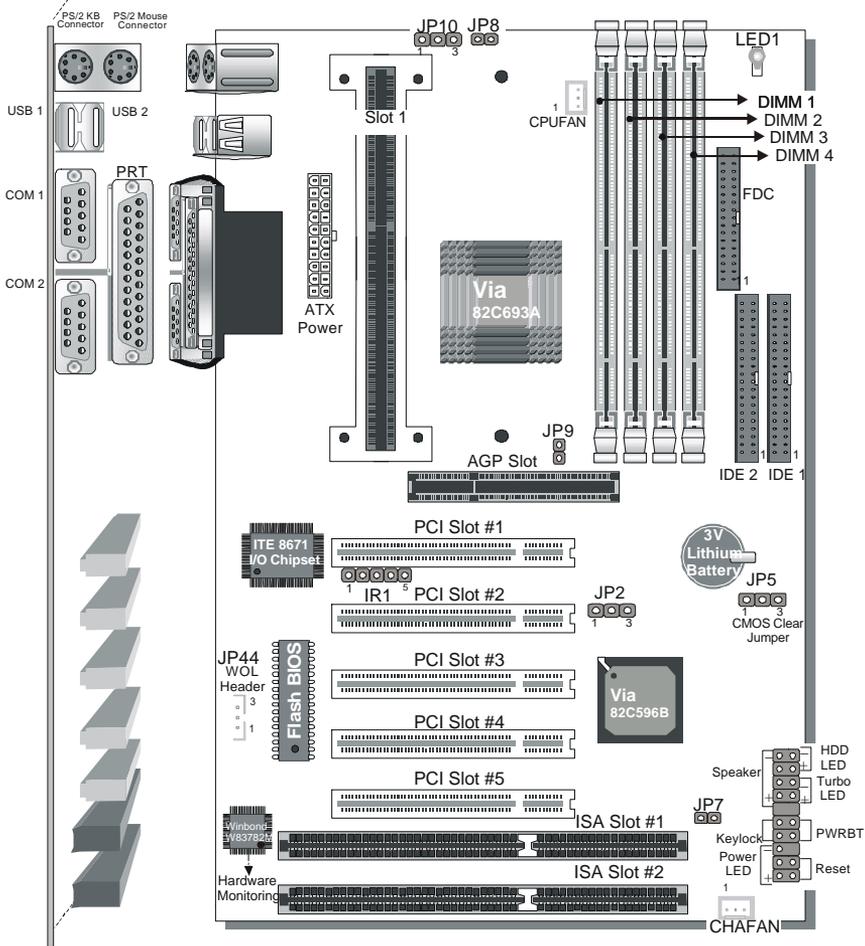
Key Features

- ➢ Supports Intel Pentium® III processor (450-600MHz), Pentium® II processor (233-450MHz) & Celeron™ processor (266-433MHz)
- ➢ Jumperless and CPU voltage Adjustable
- ➢ SOYO COMBO Setup
- ➢ PC98, ACPI
- ➢ ATA 33/66
- ➢ Supports PC133 memory
- ➢ Power-on by modem or alarm
- ➢ Supports Wake-On-LAN (WOL)

- ➢ Supports onboard hardware monitoring and includes Hardware Doctor ™ utility
- ➢ 1 x 32-bit AGP slot
- ➢ 5 x 32-bit bus mastering PCI slots
- ➢ 2 x USB ports onboard
- ➢ 1 x IrDA port
- ➢ Supports multiple-boot function
- ➢ Y2K Compliant
- ➢ Supports Power Failure Resume

2 *Installation*

To avoid damage to your Motherboard, follow these simple rules while handling this equipment:

● Before handling the Motherboard, ground yourself by grasping an unpainted portion of the system's metal chassis.

● Remove the Motherboard from its anti-static packaging. Hold it by the edges and avoid touching its components.

● Check the Motherboard for damage. If any chip appears loose, press carefully to seat it firmly in its socket.

Follow the directions in this section designed to guide you through a quick and correct installation of your new **SY-6VBA 133** Motherboard. For detailed information, please refer to *SY-6VBA 133 Motherboard User's guide and Technical Reference* online manual included on the CD-ROM packed with your Motherboard.

Hardware
Installation

PREPARATIONS

Gather and prepare all the necessary hardware equipment to complete the installation successfully:

◆ Slot 1 processor with built-in CPU cooling fan (boxed type)

◆ SDRAM module

◆ Computer case and chassis with adequate power supply unit

◆ Monitor

◆ PS/2 Keyboard

◆ Pointing Device (PS/2 mouse)

◆ VGA Card

◆ Sound Card (optional)

◆ Speaker(s) (optional)

◆ Disk Drives: HDD, CD-ROM, Floppy drive ...

◆ External Peripherals: Printer, Plotter, and Modem- (optional)

◆ Internal Peripherals: Modem and LAN cards (optional)

Install the Motherboard

Follow the steps below in order to perform the installation of your new **SY-6VBA 133** Motherboard.

Step 1.   Install the CPU

☑ *Mark your CPU Frequency:* Record the working frequency of your CPU that should be clearly marked on the CPU cover.

FSB 66MHz

☐ 266MHz (66 x 4.0)	☐ 333MHz (66 x 5.0)	☐ 400MHz (66 x 6.0)	☐
☐ 300MHz (66 x 4.5)	☐ 366MHz (66 x 5.5)	☐ 433MHz (66 x 6.5)	

FSB 100MHz

☐ 350MHz (100 x 3.5)	☐ 450MHz (100 x 4.5)	☐ 550MHz (100 x 5.5)	☐
☐ 400MHz (100 x 4.0)	☐ 500MHz (100 x 5.0)	☐ 600MHz (100 x 6.0)	

FSB 133MHz

☐ 400MHz (133 x 3.0)	☐ 533MHz (133 x 4.0)	☐ 666MHz (133 x 5.0)	☐
☐ 466MHz (133 x 3.5)	☐ 600MHz (133 x 4.5)	☐ 733MHz (133 x 5.5)	

CPU Mount Procedure: To mount the processor that you have purchased separately, follow these instructions.

<table>
<tr><td colspan="2">Retention Module</td><td colspan="2">Step 1.   Open the two sides by folding them up.</td></tr>
<tr><td colspan="2"></td><td colspan="2"></td></tr>
<tr><td colspan="2">Step 2.   Push the locks on top of the CPU inward.</td><td colspan="2">Step 3.   Insert the CPU into the retention module. The CPU fits in the CPU slot in only ONE way, do not try to force it in.</td></tr>
<tr><td colspan="2"></td><td colspan="2"></td></tr>
<tr><td>Step 4.</td><td>After completely inserting the CPU, push the two locks on top of the CPU outward. Now your CPU is ready for use.</td><td></td><td>**HOT**
To remove the CPU, press the two notches on top of the CPU inward. Now press the two slides on the retention module down and remove the CPU.</td></tr>
</table>

Note: Installing a heat sink and cooling fan on top of your CPU is necessary for proper heat dissipation. Failing to install these items may result in overheating and possible burn-out of your CPU.

Step 2. Make Connections to the Motherboard

This section tells how to connect internal peripherals and power supply to the Motherboard.

Internal peripherals include IDE devices (HDD, CD-ROM), Floppy Disk Drive, Chassis Fan, Front Panel Devices (Turbo LED, Internal Speaker, Reset Button, IDE LED, and KeyLock Switch.), Wake-On-LAN card, VGA card, Sound Card, and other devices.

For more details on how to connect internal and external peripherals to your new SY-6VBA 133 Motherboard, please refer to *SY-6VBA 133 Motherboard User's Guide and Technical Reference* online manual on CD-ROM.

Connectors and Plug-ins

Hardware Installation

IrDA (Infrared Device Header): IR1					Wake-On-LAN Header: JP44		
Pin1	Pin2	Pin3	Pin4	Pin5	Pin1	Pin2	Pin3
VCC	None	IRRX	GND	IRTX	5VSB	GND	MP-Wakeup

CPU Cooling Fan: CPUFAN			Chassis Fan: CHAFAN		
Pin1	Pin2	Pin3	Pin1	Pin2	Pin3
GND	12V	SENSOR	GND	12V	SENSOR

Power LED   Key Lock   Speaker

Reset   PWRBT   Turbo LED   HDD LED

Power LED			Keylock	
Pin1	Pin2	Pin3	Pin1	Pin2
5V	NC	GND	Control Pin	GND

Speaker			
Pin1	Pin2	Pin3	Pin4
5V	NC	NC	Speaker out

HDD LED		Turbo LED		PWRBT		RESET	
Pin1	Pin2	Pin1	Pin2	Pin1	Pin2	Pin1	Pin2
LED Anode	LED Cathode	LED Cathode	GND	Power On/Off	GND	Power Good	GND

ATX Power On/Off: PWRBT	ATX Power Supply: ATX PW
Connect your power switch to this header (momentary switch type). **To turn off the system, please press this switch and hold down for longer than 4 seconds.**	Attach the ATX Power cable to this connector. (This motherboard requires an ATX power supply, an AT power supply can NOT be used.) *Note: Please make sure the ATX power supply is able to provide at least 720mA of current on the +5VSB lead if you want to enable the advanced power management functions, like power failure resume, Power-On by keyboard, etc.*

Step 3. Configure Memory

Your board comes with four DIMM sockets, providing support for up to 1.5GB of main memory using unbuffered and registered DIMM modules from 8MB to 256/512MB. On this motherboard, DRAM speed can be set independent from the CPU front side bus speed. Depending on the DRAM clock speed setting in the BIOS setup (Chapter 3), appropriate memory modules must be used. For 66MHz DRAM speed, use PC66 memory; for 100MHz DRAM speed, use PC100 memory; for 133MHz DRAM speed, use PC133 memory.

Memory Configuration Table

Number of Memory Modules	DIMM 1	DIMM 2	DIMM 3	DIMM 4
1				1st
2			2nd	1st
3		3rd	2nd	1st
4	4th	3rd	2nd	1st
RAM Type	SDRAM			
Memory Module Size (MB)	8/16/32/64/128/256/512 MB (For DIMM1& DIMM2)		8/16/32/64/128/256 MB (For DIMM3 & DIMM4)	

*Note:***Always install memory modules in the order prescribed in this table.**

Step 4. CPU B21 and A14 Settings: JP8 and JP9

For certain Intel CPUs, the multiplier is not locked such that setting a multiplier higher than specified on the CPU is possible. For technical details read the following:

Your PII /III 100/66 MHz FSB CPU has an input pin B21 (100/66# signal) to tell it what FSB frequency it is running at; The PIII 133 MHz FSB CPU has two pins B21and A14 (133/100# signal). JP8 and JP9 are connected to the B21 and A14 input respectively and are used to tell CPU its FSB speed.

The actual FSB Frequency is however set through the BIOS and it may therefore differ from the Frequency specified to the CPU through JP8 & JP9.

Because some INTEL CPUs have their multipliers limited at a FSB Frequency of 100MHz and higher, telling the CPU that it is running at 66MHz through JP8 & JP9 while setting a different (higher) FSB Frequency in the BIOS may allow the user to set a higher multiplier value. Doing so will however force your CPU to operate out of its specifications, and therefore SOYO can not guarantee the proper functioning of your system.

Refer to the following table:

JP9 133/100#	JP8 100/66#	tell CPU its FSB Speed	PII, Celeron 66MHz FSB	PII,PIII 100MHz FSB	PIII 133MHz FSB
Short	Short	FSB = 66MHz	Normal setting	*Possible higher multiplier setting	
Short	Open	FSB = 100MHz		Normal setting	
Open	Open	FSB = 133MHz			Normal setting

* This setting will tell CPU that it is running on 66MHz; this will release more multiplier settings on some Intel CPUs, but it will make the system operate out of its specifications if the actual FSB frequency is 100MHz higher.

Step 5. FSB boot-up frequency and AGP divider: JP2 and JP7

The settings of JP2 and JP7 determine the FSB frequency at boot-up, and more important, they determine the AGP divider and the group of FSB frequencies that can be selected in the BIOS. Refer to the following table:

JP7	JP2	Boot-up FSB	BIOS FSB group	AGP divider
Short	Short Pin 1-2	66	66~83	1
Open	Short pin 1-2	100	90~122	1.5
Open	Short pin 2-3	133	124~155	2.0

As example, if JP7 is set to open and JP2 to (1-2), the boot-up FSB frequency will be 100MHz. When the BIOS takes control, it will write the BIOS FSB setting to the clock generator. This happens shortly after power-up, and the FSB frequency will then be in accordance to the BIOS setting. The group from which the FSB Frequency can be selected in the BIOS is 90~122MHz and AGP Clock will be 60~81MHz. Note that all FSB Frequencies are available in the BIOS, but that only those in the group as determined by JP2 and JP7 will have effect when selected.

Hardware
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Step 6. Set the CPU Frequency

You do not need to set any jumper for the CPU frequency. Instead, CPU settings are changed through the BIOS **[SOYO COMBO SETUP].** Please refer to *Chapter 3 - Quick BIOS Setup* for details on how to set the Slot 1 processor frequency.

Step 7. External Suspend Button (JP1)

Some cases come with a suspend button, insert the plug into JP1. In addition to this button, the system can also enter the suspend mode through your OS.

> *Note: Suspend mode only functions if your Power Management mode is APM. Make sure that the BIOS setting for Power Management is APM. Windows 98 can be installed with ACPI Power Management (default is APM), in this case suspend mode will not function either.*

Step 8. Enable/Disable Power-On by Keyboard (JP10)

You can choose to enable the Power-On by Keyboard function by shorting pin 1-2 on jumper JP10, otherwise, short pin 2-3 to disable this function.

Power-On by Keyboard	Enable	Disable
JP10 Setting	Short pin 1-2 to enable the Power-On by Keyboard function. 1 2 3	Short pin 2-3 to disable the Power-On by Keyboard function. 1 2 3

Important: When using the Power-On by Keyboard function, please make sure the ATX power supply can take at least 720mA load on the 5V Standby lead (5VSB) to meet the standard ATX specification.

Step 9. 5V Stand-by indicator LED (LED 1)

This LED is lit whenever the 5V Standby voltage coming from the ATX powersupply is available. If you have connected your ATX powersupply to the mains, LED 1 should be lit.

Step 10. Clear CMOS Data (JP5)

Clear the CMOS memory by momentarily shorting pin 2-3 on jumper JP5 for at least 5 seconds, and then by shorting pin 1-2 to retain new settings. This jumper can be easily identified by its white colored cap.

CMOS Clearing	Clear CMOS Data		Retain CMOS Data	
JP5 Setting	Short pin 2-3 for ***at least 5 seconds*** to clear the CMOS.	1 2 3	Short pin 1-2 to retain the new settings.	1 2 3
Note: You must unplug the ATX power cable from the ATX power connector when performing the CMOS Clear operation.				

Note on Over-clocking Capability

The SY-6VBA 133 provides over-clocking capability. Due to the over-clocking setting your system may fail to boot up or hang during run time. Please perform the following steps to recover your system from the abnormal situation :

1.Turn off system power (If you use an ATX power supply, and depending on your system, you may have to press the power button for more than 4 seconds to shut down the system.)

2.Set the JP8 and JP9 to short if you use a FSB 66MHz CPU

3.Press and hold down the <Insert> key while turning on the system power. Keep holding down the <Insert> key until you see the message of the CPU type and frequency shown on the screen.

4.Press the <Del> key during the system diagnostic checks to enter the Award BIOS Setup program.

5.Select [SOYO COMBO SETUP] and move the cursor to the [CPU Frequency] field to set the proper working frequency.

6.Select [Save & Exit SETUP] and press <Enter> to save the new configuration to the CMOS memory, and continue the boot sequence.

Note: SOYO does not guarantee system stability if the user over clocks the system. Any malfunctions due to over-clocking are not covered by the warranty.

Hardware Installation

3 *Quick BIOS Setup*

This Motherboard does not use any hardware jumpers to set the CPU frequency. Instead, CPU settings are software configurable with the BIOS **[SOYO COMBO SETUP].** The [SOYO COMBO SETUP] menu combines the main parameters that you need to configure, all in one menu, for a quick setup in BIOS.

After the hardware installation is complete, turn the power switch on, then press the **<DEL>** key during the system diagnostic checks to enter the Award BIOS Setup program. The CMOS SETUP UTILITY will display on screen. Then, follow these steps to configure the CPU settings.

Step 1. Select [STANDARD CMOS SETUP]
Set [Date/Time] and [Floppy drive type], then set [Hard Disk Type] to "Auto".

Step 2. Select [LOAD SETUP DEFAULT]
Select the "LOAD SETUP DEFAULT" menu and type "Y" at the prompt to load the BIOS optimal setup.

Step 3. Select [SOYO COMBO SETUP]
Move the cursor to the **[CPU Frequency]** field to set the CPU frequency.

Available [CPU Frequency] settings on your SY-6VBA 133 Motherboard are detailed in the following table.

CPU Frequency (MHz)	☐ 500MHz(66 x 7.5)	☐ 750MHz (100 x 7.5)
☐ Manual	☐ 533MHz (66 x 8.0)	☐ 800MHz (100 x 8.0)
☐ 200MHz (66 x 3.0)	☐ 300MHz (100 x 3.0)	☐ 400MHz (133 x 3.0)
☐ 233MHz (66 x 3.5)	☐ 350MHz (100 x 3.5)	☐ 466MHz (133 x 3.5)
☐ 266MHz (66 x 4.0)	☐ 400MHz (100 x 4.0)	☐ 533MHz (133 x 4.0)
☐ 300MHz (66 x 4.5)	☐ 450MHz (100 x 4.5)	☐ 600MHz (133 x 4.5)
☐ 333MHz (66 x 5.0)	☐ 500MHz (100 x 5.0)	☐ 666MHz (133 x 5.0)
☐ 366MHz (66 x 5.5)	☐ 550MHz (100 x 5.5)	☐ 733MHz (133 x 5.5)
☐ 400MHz (66 x 6.0)	☐ 600MHz (100 x 6.0)	☐ 800MHz (133 x 6.0)
☐ 433MHz (66 x 6.5)	☐ 650MHz (100 x 6.5)	☐ 866MHz (133 x 6.5)
☐ 466MHz (66 x 7.0)	☐ 700MHz(100 x 7.0)	☐ 933MHz (133 x 7.0)

Select the working frequency of your Pentium® III, Pentium® II, Celeron™ processor among these preset values.

Note: ☑ Mark the checkbox that corresponds to the working frequency of your Pentium® III, Pentium® II, Celeron™ processor in case the CMOS configuration should be lost.

If you set this field to [Manual], you are then required to fill in the next two consecutive fields: (1) the CPU Host/PCI Clock, and (2) the CPU Ratio.

(1) CPU Host/PCI Clock

CPU Host / PCI Clock					
❏66/33	❏95/31	❏115/38	❏124/41	❏140/35	Under this item you find the frequencies your PCI slots run at.
❏75/37	❏100/33	❏117/39	❏126/31	❏142/35	
❏78/39	❏105/35	❏118/39	❏133/33	❏144/36	
❏81/40	❏110/36	❏120/40	❏135/33	❏150/37	
❏83/41	❏112/37	❏122/37	❏137/34	❏155/38	
❏90/30	❏113/37	❏124/31	❏138/34		

(2) CPU Ratio

After you have selected the CPU Host/ PCI Clock, choose the right multiplier for the CPU. CPU Ratio options are:

❏ x 2	❏ x 2.5	❏ x 3	❏ x 3.5	❏ x 4
❏ x 4.5	❏ x 5	❏ x 5.5	❏ x 6	❏ x 6.5
❏ x 7	❏ x 7.5	❏ x 8		

The CPU frequency is then defined as [host clock freq.] x [multiplier], and should equal the working frequency of your CPU.

(3) DRAM Clock

Now select the DRAM clock source. It is derived form the CPU FSB clock and it can, depending on the BIOS setting, be:

➢ Equal to the CPU FSB clock

➢ CPU FSB clock –PCI clock

➢ CPU FSB clock + PCI clock

As an example: If the user sets the CPU Host/PCI clock to 105/35 MHz, the options will be:

➢ **Equal to the CPU FSB clock = 105 MHz**

➢ **CPU FSB clock –PCI clock = 70 MHz**

➢ **CPU FSB clock + PCI clock = 140 MHz**

Depending on the DRAM speeds, the user can select one of these speeds through the BIOS.

Quick BIOS Setup

(4) AGP Clock
The AGP clock is derived from the CPU FSB frequency. It is divided by 1.0, 1.5 or 2.0
depending on the setting of JP2 and JP7:

Please refer to page 9 for the JP2 and JP7 settings.

(5) Vcore Voltage Adjust
The CPU notifies the board of what core voltage it requires by its VID outputs. The on-board
voltage regulator uses the VID code to set the core voltage. If the **Vcore Voltage Adjust** is
set to normal, the Vcore will be exactly what the VID code specifies. If an adjustment
percentage is selected the Vcore will be that percentage higher than the VID code specifies.
For instance the CPU VID code specifies 2.0V and the Vcore Voltage adjust is set to +10.0%
the actual CPU Voltage will be 2.2V. This function should only be used if the CPU is running
on FSB Frequencies beyond the CPU specifications, note that SOYO does not guarantee
system stability if this item is not set to normal.

❏ Normal	❏ + 2.5 %	❏ + 5.0 %	❏ + 7.5%	❏ +10.0 %

Step 4. Select [SAVE & EXIT SETUP]
Press **<Enter>** to save the new configuration to the CMOS memory, and continue the boot
sequence.

Quick BIOS
Setup

4 *The SOYO CD*

The SOYO-CD will NOT autorun if you use it on an Operating System other than Windows 9x or NT.

Your SY-6VBA 133 Motherboard comes with a CD-ROM labeled "SOYO CD." The SOYO CD contains the user's manual file for your new Motherboard, the drivers software available for installation, and a database in HTML format with information on SOYO Motherboards and other products.

Step 1. Insert the SOYO CD into the CD-ROM drive
The SOYO CD will auto-run, and the SOYO CD Start Up Menu will display as shown below.

(SOYO CD Start Up Program Menu)

If you use Windows 95/98, the SOYO CD Start Up Program automatically detects which SOYO Motherboard you own and displays the corresponding model name.
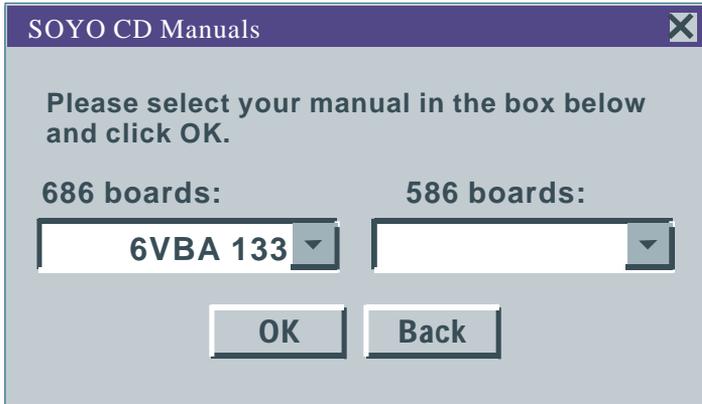
Step 2. Read SOYO [6VBA 133] Manual
Click the *Read Manual* button to open the user's manual file of your Motherboard.

The SOYO CD

Please note that if the Start Up program was unable to determine which SOYO Motherboard you own, the manual selection menu will pop up, as shown below. Then select the user's manual file that corresponds to your Motherboard model name and click *OK.*

```
┌─────────────────────────────────────────────────┐
│ SOYO CD Manuals                              [X] │
│                                                  │
│   Please select your manual in the box below     │
│   and click OK.                                   │
│                                                  │
│   686 boards:              586 boards:           │
│  ┌────────────────┐      ┌────────────────────┐  │
│  │  6VBA 133  [▼] │      │               [▼]  │  │
│  └────────────────┘      └────────────────────┘  │
│                                                  │
│        ┌──────────┐    ┌──────────┐             │
│        │    OK    │    │   Back   │             │
│        └──────────┘    └──────────┘             │
└─────────────────────────────────────────────────┘
```

(Manual Selection Menu)

The user's manual files included on the SOYO CD can be read in PDF (Postscript Document) format. In order to read a PDF file, the appropriate Acrobat Reader software must be installed in your system.

Note: The Start Up program automatically detects if the Acrobat Reader utility is already present in your system, and otherwise prompts you on whether or not you want to install it. You must install the Acrobat Reader utility to be able to read the user's manual file. Follow the instructions on your screen during installation, then once the installation is completed, restart your system and re-run the SOYO CD.

Step 3. Install Drivers

The following describes the best way of installing Windows 95 or Windows 98 on your 6VBA 133 Motherboard:

➢   The following BIOS default settings should not be changed:

1. The 'OnChip USB Controller' item under 'Chipset features Setup' is set to enabled.
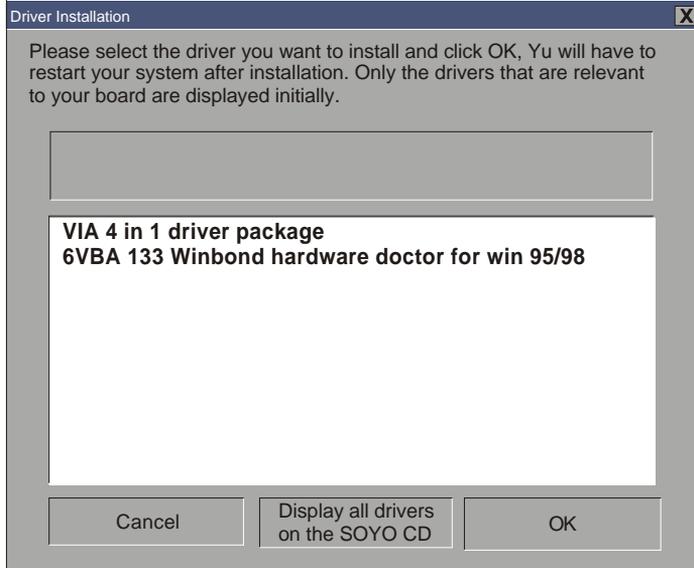2. The 'USB Assigned IRQ' item under 'PnP/PCI Configuration is set to enabled.

You MUST have these two items enabled for Windows 95/98 to run properly on your system.

➢   Install Windows 95/98

➢   If you installed Windows 95 you will now need to upgrade your USB driver by running the following program on your Windows CD:

Win95/OSR2/Usbsupp/USBsupp.exe

➤ After installation of windows, you will need to install the VIA drivers. Follow the instructions below.

Click the Install drivers button to display the list of drivers that can be installed on your Motherboard. The start-up program displays the drivers available for the 6VBA 133.

Driver Installation	X

Please select the driver you want to install and click OK, Yu will have to restart your system after installation. Only the drivers that are relevant to your board are displayed initially.

VIA 4 in 1 driver package
6VBA 133 Winbond hardware doctor for win 95/98

Cancel	Display all drivers on the SOYO CD	OK

(Driver Installation Menu)

However, to display the list of all drivers software available with SOYO Motherboards, click the *Display all drivers on the SOYO CD* button. Please make sure to install only the drivers adapted to your system, or otherwise this cause system malfunctions.

A short description of all available drivers follows:

➤ **VIA 4in1 driver package**
The 4 in 1 driver package includes all drivers your motherboard needs. After selecting this driver package, one driver will be installed automatically (the IRQ remapping utility), the other three are installed if selected. By default all three drivers are selected. A description of the 4 drivers follows:

— **Bus Master PCI IDE Driver**

This driver will speed up the data-transfer rate to and from the harddisk.

— **AGP VxD Driver**

This driver must be installed in order to be able to make use of the on-board AGP Video functionality.

— **VIA Chipset Functions Registry**

The SOYO CD

This driver will make the necessary changes to the Windows registry, in order to make sure that Windows has no problems recognizing your VIA chipset.

— **IRQ remapping utility (This driver is installed automatically)**
This utility will remap the IRQ lines to make sure that everything functions properly under Windows.

➢ **Winbond hardware doctor for Windows 9x**

Your motherboard comes with a hardware monitoring IC. By installing this utility Temperature, Fan speed and Voltages can be monitored. It is also possible to set alarms when current system values exceed or fall below pre-set values.

This utility comes with a preset monitoring rage for the CPU voltage. However, the core voltage of the processor you purchased may fall out of this preset range, so you may need to adjust the pre-set value. Please refer to the SY-6VBA 133 Motherboard's CD manual for the details.

Select which driver you want to install and click *OK,* or click *Cancel* to abort the driver installation and return to the main menu.

Note: Once you have selected a driver, the system will automatically exit the SOYO CD to begin the driver installation program. When the installation is complete, most drivers require to restart your system before they can become active.

Step 4. Check the Latest Releases

Click the 'Check the latest Releases' button to go the SOYO Website to automatically find the latest BIOS, manual and driver releases for your motherboard. This button will only work if your computer is connected to the internet through a network or modem connection. Make sure to get your modem connection up before clicking this button.

Step 5. Enter the SOYO CD

Click the *Enter SOYO CD* button to enter the SOYO HTML database. The Start Up program will activate the default HTML browser installed on your system (for example, Internet Explorer or Netscape) to visualize the contents of the SOYO CD.

The SOYO CD contains useful information about your Motherboard and other SOYO products available. For your convenience, this information is available in HTML format, similar to the format widely used on the Internet.

The SOYO CD

Note: If no HTML browser is installed on your system, the Start Up program will prompt you on whether or not you would like to install the Internet Explorer* browser. Click YES to install the HTML browser. After the installation is complete, please restart your system. Then re-run the SOYO CD and you will be able to browse the SOYO HTML database.
(* Internet Explorer is a Microsoft Trademark)

How to contact us:
- If you are interested in our products, please contact the SOYO sales department in the region you live.
- If you require Technical Assistance, please contact our Technical Support in the region you live.

SOYO prefers Email as communication medium, remember to *always add to the email the country that you live in*.

SOYO Taiwan

No. 21 Wu-Kung 5 Rd., Hsin Chuang City, Taipei Hsien, Taiwan

Region Covered: Taiwan and Asia-Pacific. (Including Australia).

Web Site: www.soyo.com.tw

Sales:
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SOYO Hong Kong

Region Covered: Hong Kong

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SOYO China (Gin Mei Jei)

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SOYO Japan

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