1. **Please read the users guide before proceeding with your installations. Serious damage may occur if the procedure is not followed properly.**
2. This motherboard does not support CPUs with a Vcore higher than 1.6 volts. Please make sure the CPU you are using 1.6 volts or below. Check the CPU specification before you insert it in the CPU socket.
3. AGP cards running at 3.3v are not supported. Only AGP cards running at 1.5v (most 4x or 8x AGP cards) are supported on this mainboard.
4. Please make sure that your memory modules are inserted correctly. They can go in only one way, and should fit completely in the socket without sticking out. Failure to do so will damage your mainboard and memory module.
5. An ATX 12V power supply (Power supply for Pentium 4 system) is required for the system to operate normally. (Preferably 350 watts for minimal loading or 400 watts for fully loaded system).
6. If you have any problem getting your system to work, please follow the trouble shooting tips on page 26 of your user guide.
7. On some mainboards, the actual chipset cooler may differ from the chipset cooler as shown on the picture or on the box. However, the chipset fan on the mainboard is of the same quality and will work just as well as the one shown in the picture. (The chipset cooler is as sufficient as the chipset fan based on a different design.)
8. For answers to Technical questions, please visit SOYO tech support link at http://www.soyousa.com/support and http://www.soyousa.com/kb.

SY-P4I865PE Plus DRAGON 2 v1.0 Motherboard

mPGA Socket 478 processors
Intel 865PE AGP/PCI/CNR Motherboard
400/533/800 MHz Front Side Bus supported
ATX Form Factor

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About This Guide:
This Quick Start Guide can help system manufacturers and end users in setting up and installing the motherboard. Information in this guide has been carefully checked for reliability; however, to the correctness of the contents there is no guarantee given. The information in this document is subject to amend without notice.
For further information, please visit our **Web Site** on the Internet. The address is **"http://www.soyousa.com".**

P4I865PE Plus DRAGON 2 v1.0 Serial - Version 1.0 - Edition: March 2004
* These specifications are subject to amend without notice

1 Introduction

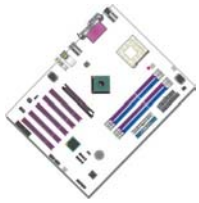
Congratulations on your purchase of the **SY-P4I865PE Plus DRAGON 2 v1.0** Motherboard. This *Quick Start Guide* illustrates the steps for installing and setting up your new Motherboard.

This guide provides all users with the basic steps of Motherboard setting and operation. For further information, please refer to the *SY-P4I865PE Plus DRAGON 2 v1.0 Motherboard User's Manual* that came with your Motherboard.

Unpacking

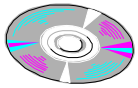
When unpacking the Motherboard, check for the following items:

- The SY-P4I865PE Plus DRAGON 2 v1.0 AGP/PCI/CNR Motherboard

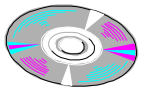


- This Quick Start Guide

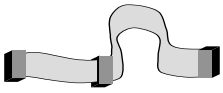
- The Installation CD-ROM



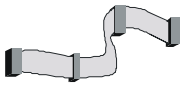
- SOYO Bonus Pack CD-ROM



- One IDE Device ATA 100 Flat Cable



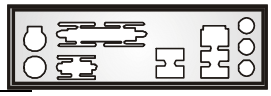
- One Floppy Disk Drive Flat Cable



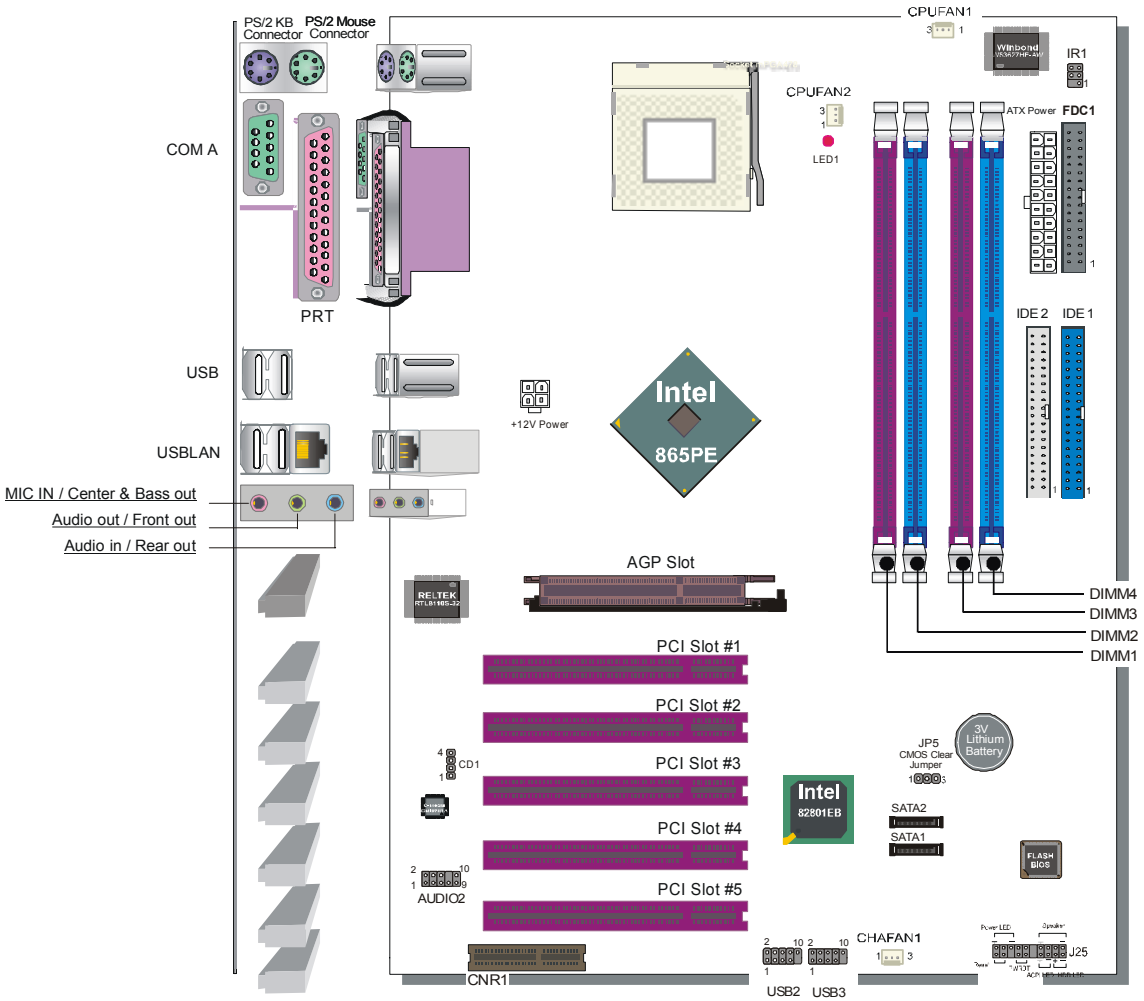
- One Serial ATA Cable

- One bag of Heat Sink Compound

- One Back panel



SY-P4I865PE Plus DRAGON 2 v1.0 Motherboard Layout



Key Features

CPU	Supports Intel® mPGA Socket 478 processors : ➢ Pentium® 4 with and without Hyperthreading, Northwood, Prescott (400/533/800MHz FSB) ➢ Pentium® 4 Celeron **Note:** CPU with higher than 1.6 volts are not supported.
Chipset	Intel® 865PE / ICH5 Chipset
Memory	➢ The SY-P4I865PE Plus DRAGON 2 v1.0 supports PC2700 and PC3200 DDR (non-registered and non-ECC) memory modules.
AGP	1x AGP master 4x/8x slot (1.5v only)
PCI	5x 32-bit bus master PCI slots
Super I/O	Winbond W83627HF Super I/O controller supporting : ➢ Floppy disk controller ➢ Parallel port (SPP, EPP and ECP compliant) ➢ 1x 16550A compatible RS232 serial ports ➢ IrDA compatible infrared port ➢ PS/2 Keyboard and mouse ➢ Hardware monitor for monitoring temperatures, voltages and fan speeds in the system.

Storage	➢ ICH5 integrated Serial ATA controller supporting up to 2x UDMA 150 hard disks ➢ ICH5 Integrated Parallel ATA controller supporting up to 4x UDMA 33/66/100 Parallel ATA devices.
USB 2.0	8x USB 2.0 compliant ports (4 on rear IO panel, 4 motherboard connectors.
Sound	C-Media CMI9761A
Network	Onboard 10/100 Mbps 100Base-T Ethernet controller, supporting Wake-On-Lan (WOL)
BIOS	➢ Power Failure resume function to allow the system to turn on or off after a power failure, which is indispensable for server systems. ➢ Wake On Ring and Power On by Alarm to allow your system to wake up from suspend or power on through the modem or RTC alarm. ➢ Multiple boot, allowing your system to boot from for example CD-ROM
Industry standards	This motherboard is compliant with the following industry standards : ➢ Microsoft PC99 ➢ FCC ➢ ACPI

2 Installation

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

- Before handling the Motherboard, ground yourself by touching on to an unpainted portion of the system's metal chassis.
- Check the mainboard for damage. If any component appears to be loose or damaged contact our customer service center immediately.

Follow the directions in this section which are designed to help you use a quick and correct method to install your new **SY-P4I865PE Plus DRAGON 2 v1.0** Motherboard. For detailed information, please refer to the *SY-P4I865PE Plus DRAGON 2 v1.0 Motherboard User's Manual and Technical Reference* online manual on the CD-ROM that came with your Motherboard.

Gather and prepare all necessary components to complete the installation successfully:

- Socket mPGA478 processor with built-in CPU cooling fan (boxed type) (CPU Vcore higher than 1.6 volts is not supported)
- DDR RAM module (s)
- Computer case with adequate power supply unit (at least 350W, ATX 12V approved)
- Monitor
- Keyboard (PS2 or USB)
- Pointing Device (Mouse, USB or PS2)
- Speaker(s) (optional)
- Disk Drives: HDD, CD-ROM, Floppy drive…
- External Peripherals: Printer and Modem (optional)
- VGA Card (AGP, PCI)

Install the Motherboard

We will now begin the installation process. Please follow the following procedure to lead you to a complete and correct installation.

Step 1- Install the Central Processing Unit (CPU)

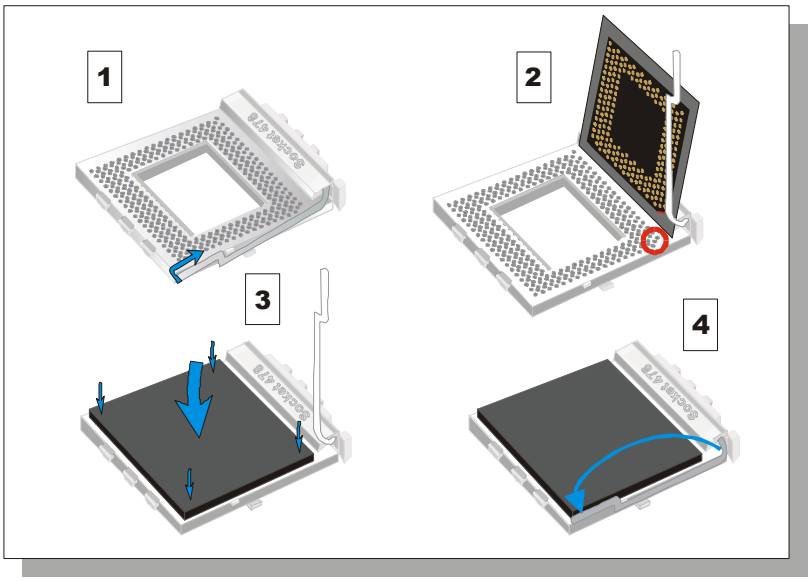
Step 2- Install memory modules

Step 3- Connect cables, case wires, power supply and install expansion cards

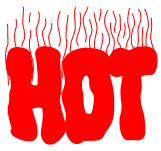
Step 4- Install expansion cards

Step 1. Install the CPU

CPU Mount Procedure: To mount the Pentium® 4 Socket mPGA478 processor that you have purchased separately, follow these instructions.



1. Lift the socket handle up to a vertical position.
2. Align the blunt edge of the CPU with the matching pinhole edge on the socket.
3. Seat the processor in the socket completely and without forcing.
4. Then close the socket handle to secure the CPU in place.



Remember to connect the CPU Cooling Fan to the appropriate power connector on the Motherboard. *The fan is a key component that stabilizes the system. It prevents the equipment from overheating and prolongs the life of your CPU.*

Note: CPU Vcore higher than 1.6 volts is not supported.

Configure Memory

This motherboard supports two Dual Channel to your memory. Note that you can use normal DDR memory for Dual Channel to work. Also note that for Dual Channel to work 2 or 4 modules of equal size and specifications have to be installed.

The largest memory capacity possible is 4GB. On this motherboard, DRAM speed can be set independent from the CPU front side bus speed. Note that when installing 4GB of memory, your total memory will be less than 4GB. The reason for this is that the BIOS, PCI and AGP cards claim part of your CPUs address space.

Memory Configuration Table

If you want to use the Dual Channel feature, please follow the memory configuration table below:

DIMM Slots / Performance	DIMM1	DIMM2	DIMM3	DIMM4
128 bit	*Present*		*Present*	
128 bit		*Present*		*Present*
128 bit	*Present*	*Present*	*Present*	*Present*

Dual Channel Performance

Installing your memory in a combination different from the table above will still allow your system to work. The Dual Channel feature will not work then however.

Check page5 (motherboard layout) for more info on the location of A1 & B1 DIMM slot.

Memory frequency Table

Depending on the front side bus (FSB) frequency of the CPU, you can run memory of different speeds. Please look at the table below for details:

CPU FSB (MHz)	Memory Frequency (MHz)	DDR DIMM Type
400	266	PC2100
533	266 or 333	PC2100 or PC2700
800	400 or 320*	PC3200 or PC2700

* When using a 800 MHz FSB CPU and PC2700 DDR DIMMs, the memory frequency runs at 320 MHz (instead of 333 MHz) due to chipset limitations.

Step 2. Connect cables, case wires, and power supply

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

The internal peripherals consist of IDE devices (HDD, CD-ROM, etc), Floppy Disk Drive, Chassis Fan, Front Panel Devices (ACPI LED, Internal Speaker, Reset Button, IDE LED, and KeyLock Switch.), Wake-On-LAN network card, VGA card, Sound Card, and other devices.

For more details on connecting internal and external peripherals to your new SY-P4I865PE PLUS DRAGON 2 V1.0 Motherboard, please refer to *SY-P4I865PE PLUS DRAGON 2 V1.0 Motherboard User's Manual and Technical Reference* online manual on the CD-ROM.

Connectors and Plug-ins

CPU Cooling Fan: CPUFAN1		
Pin1	Pin2	Pin3
GND	+12V	Sensor

CPU Cooling Fan: CPUFAN2		
Pin1	Pin2	Pin3
GND	+12V	Sensor

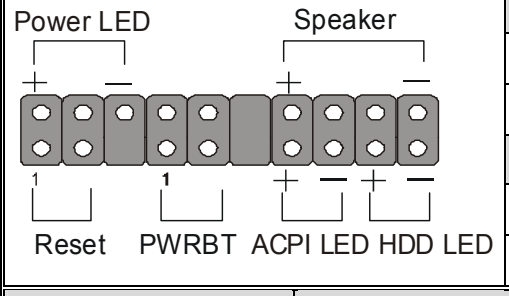
Chassis Fan: CHAFAN1		
Pin1	Pin2	Pin3
GND	+12V	Sensor

CD1			
Pin1	Pin2	Pin3	Pin4
CD IN L	GND	GND	CD IN R

AUDIO2:Front Panel Audio Connector									
Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8	Pin9	Pin10
AUD_MIC	AUD_GND	AUD_MIC_BIAS	AUD_VCC	AUD_FPOUT_R	AUD_RET_R	HP_ON	KEY	AUD_FPOUT_L	AUD_RET_L

USB2 / USB3: Front Panel USB Connector				
Pin1	Pin2	Pin3	Pin4	Pin5
VERG_FP_USBPWR0	VERG_FP_USBPWR0	USB_FP_P0-	USB_FP_P1-	USB_FP_P0+
Pin6	Pin7	Pin8	Pin9	Pin10
USB_FP_P1+	GROUND	GROUND	KEY	USB_FP_OC0

IR1: Infrared Port					
Pin1	Pin2	Pin3	Pin4	Pin5	Pin6
NC	NC	VCC	GND	IRTX	IRRX



Power LED		
Pin11	Pin12	Pin13
VCC	NC	GND

Speaker			
Pin17	Pin18	Pin19	Pin20
VCC	NC	NC	Speaker out

HDD LED		ACPI LED		PWRBT		RESET	
Pin9	Pin10	Pin7	Pin8	Pin4	Pin5	Pin1	Pin2
LED Anode	LED Cathode	2.5V_DDR	Control Pin	Power On/Off	GND	Control PIN	GND

Power On/Off: PWRBT

Connect your power switch to this header (momentary switch type).

To turn off the system, press this switch and hold down for longer than 4 seconds.

ATX 12V Power Supply: ATX PW

Attach the ATX 12V Power cable to three connector. (This motherboard requires an ATX 12V power supply, an AT or ATX power supply can NOT be used.)

When using the Power-On by Keyboard function, please make sure the ATX power supply is able to provide at least 720mA on the 5V Standby lead (5VSB).

Power Supply

The power supply connector is the last connection to be made while installing a motherboard. This motherboard requires an ATX 12V compliant power supply (For P4 system). An AT or ATX power supply cannot be used.

Steps:

1. Connect the 20 pin connector to the ATX power connector. See FIG. 1.

2. Connect the 4 pin connector to the +12V power connector. See FIG. 2.

Note1: The presence of the +12V power connector indicates that a power supply is ATX 12V; the absence of the +12V power connector indicates that a supply is ATX.

Note2: When using the Power-On by Keyboard function, please make sure the ATX 12V power supply is able to provide at lease 720mA on the 5V Standby lead (5VSB).

Note3: The minimum recommended wattage is 350 watts for a fully configured system. The system might become unstable if power supply is to small.

Please install the ATX power according to the following pin assignment:

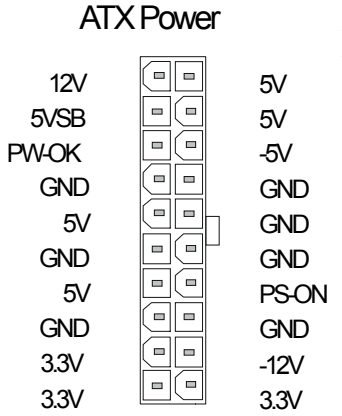
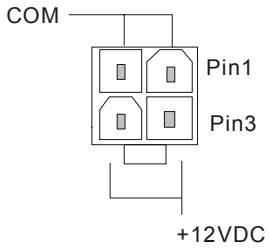


FIG. 1

➢ **Pay special care to the directionality.**



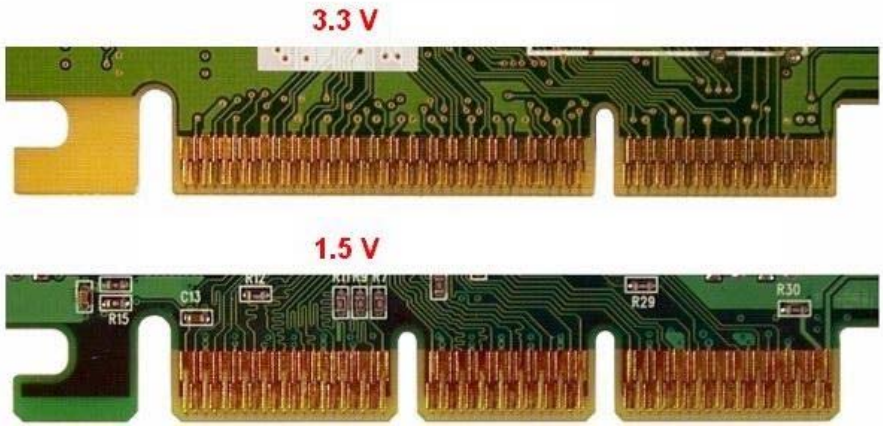
+12V Power Connector

FIG. 2

Step 3. Install expansion cards

The motherboard has 1 AGP slot and 5 PCI slots.

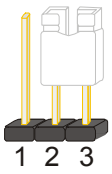
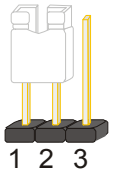
1. Read the instruction document of the related expansion card before inserting the expansion card into the computer.
2. Press the expansion card firmly into expansion slot in motherboard.
3. Be sure the metal contacts on the card are seated in the slot.
4. Replace the screw to secure the slot bracket of the expansion card.
5. Install driver for the operating system you use.



CMOS Clear (JP5)

In some cases the CMOS memory may contain wrong data, follow the steps below to clear the CMOS memory.

1. Clear the CMOS memory by momentarily shorting pin 2-3 on jumper JP5. This jumper can be easily identified by its white colored cap.
2. Then put the jumper back to 1-2 to allow writing of new data into the CMOS memory.

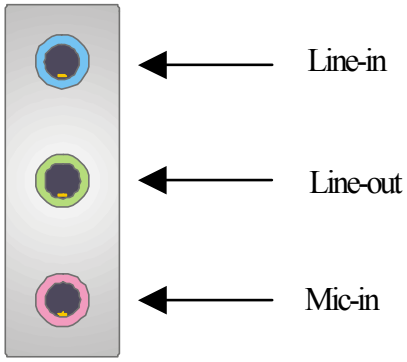
CMOS Clearing	Clear CMOS Data	Retain CMOS Data
JP5 Setting	Short pin 2-3 for at least 5 seconds to clear the CMOS 	Short pin 1-2 to retain new settings 
Note: You must unplug the power cable from the ATX power supply when performing the CMOS Clear operation.		

Audio Speakers connections

When using 2-channel speaker, connect the speaker cable to line-out.

If you're using 4 channel speaker, connect **the front L/R speakers to line-out and rear L/R speakers to Line-in**. make sure to set the Audio Rack software for 4 channel speaker system. Do not forget to set the Audio Rack software to 4-channel system.

If you are using 6 channel speaker, connect the front **L/R speaker to line out, rear L/R speaker to line-in and center/Bass speaker to Mic-in**, make sure to set the Audio Rack software to 6 channel speaker system.



3 *Quick BIOS Setup*

After the hardware installation is complete, turn the power switch on, then press the **<DEL>** key during the system diagnostic checks to enter the AMIBIOS Setup program. The CMOS SETUP UTILITY will be shown on the 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 Optimal Settings]

Select the "LOAD Optimal Settings" menu and type "Y" at the prompt to load the BIOS optimal setup.

Step 3. Select [Exit]

Press **<Enter>** to save the new configuration to the CMOS memory, and continue the boot sequence.

4 The SOYO CD

The SOYO-CD will Auto Run only in Windows Based Operating Systems.

Your SY-P4I865PE Plus DRAGON 2 v1.0 motherboard comes with a CD-ROM labeled "SOYO CD". The SOYO CD contains

a. The user's manual for your new motherboard in PDF format

b. The driver software needed for installation

c. A database in HTML format with information on SOYO motherboards and other products.

Step 1. Insert the SOYO CD into the CD-ROM drive

Please choose your motherboard model number and press OK.

(SOYO CD Start Up Program Menu)

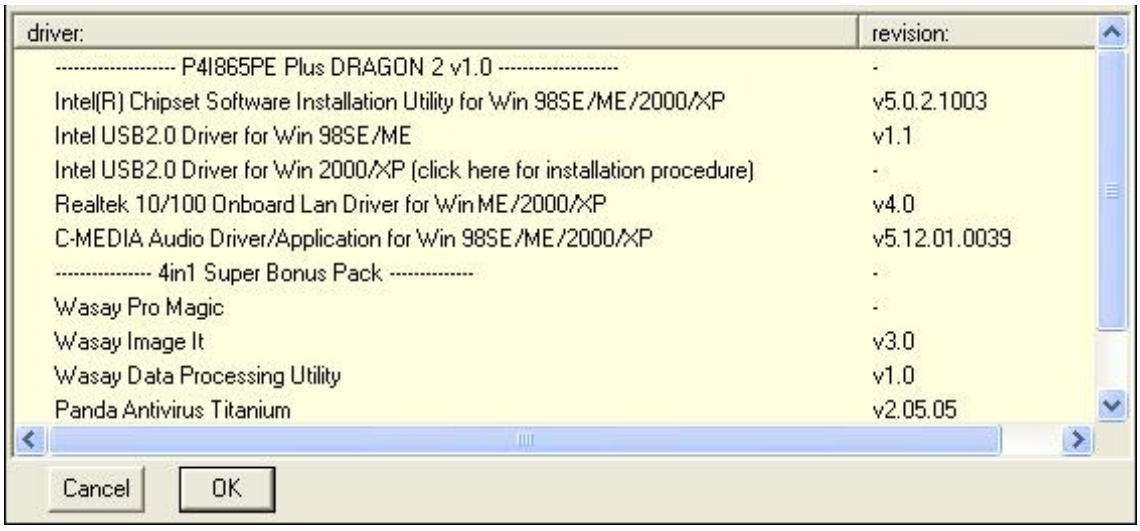
Now the SOYO-CD Start Up Menu will come up as shown on the following page:

The user's manual files included on the SOYO CD are 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 2. Install Drivers and Utilities

Click the ***Install Drivers*** button to display the list of drivers software that can be installed with your Motherboard. The Start Up program displays the drivers available for the particular model of Motherboard you own. We recommend that you only install those drivers.



(Driver Installation Menu)

A short description of all available drivers follows:

- **Intel(R) Chipset Software Installation Utility for Win 98/98SE/ME/2000/XP**

Windows 95 and 98 will not recognize the new INTEL 865PE chipset properly. To update the necessary .inf files that will help Windows recognize the 865P chipset, please run this utility.

- **Intel USB2.0 Driver for Win 98SE/ME**

This program will install the USB 2.0 driver for Windows 98SE and Windows ME.

- **Realtek 10/100 Lan Driver for Win ME/2000/XP**

This setup program will install the Driver for Realtek Onboard Lan.

- **C-MEDIA Audio Driver/Application for Win 98SE/ME/2000/XP**

The driver supports 2/4/6 speakers 3D positional audio.

- **Wasay Image It Utility for Win 98SE/ME/2000/XP**

Data Image software

- **Wasay Pro Magic Utility for Win 98SE/ME/2000/XP**

ProMagic is an instant system recovery software that provides convenient instant restoration to the preferred state at any specific restore time point as desired.

- **Wasay Data Processing Utility for Win 98SE/ME/2000/XP**

Wasay Data Processing Utility is an instant file restoration program that not only provides convenient & instant file recovery but also helps to manage your files.

➢ **Panda Anti Virus Titanium for Win 98SE/ME/2000/XP**

Anti Virus software for Windows 98SE/ME/2000/XP.

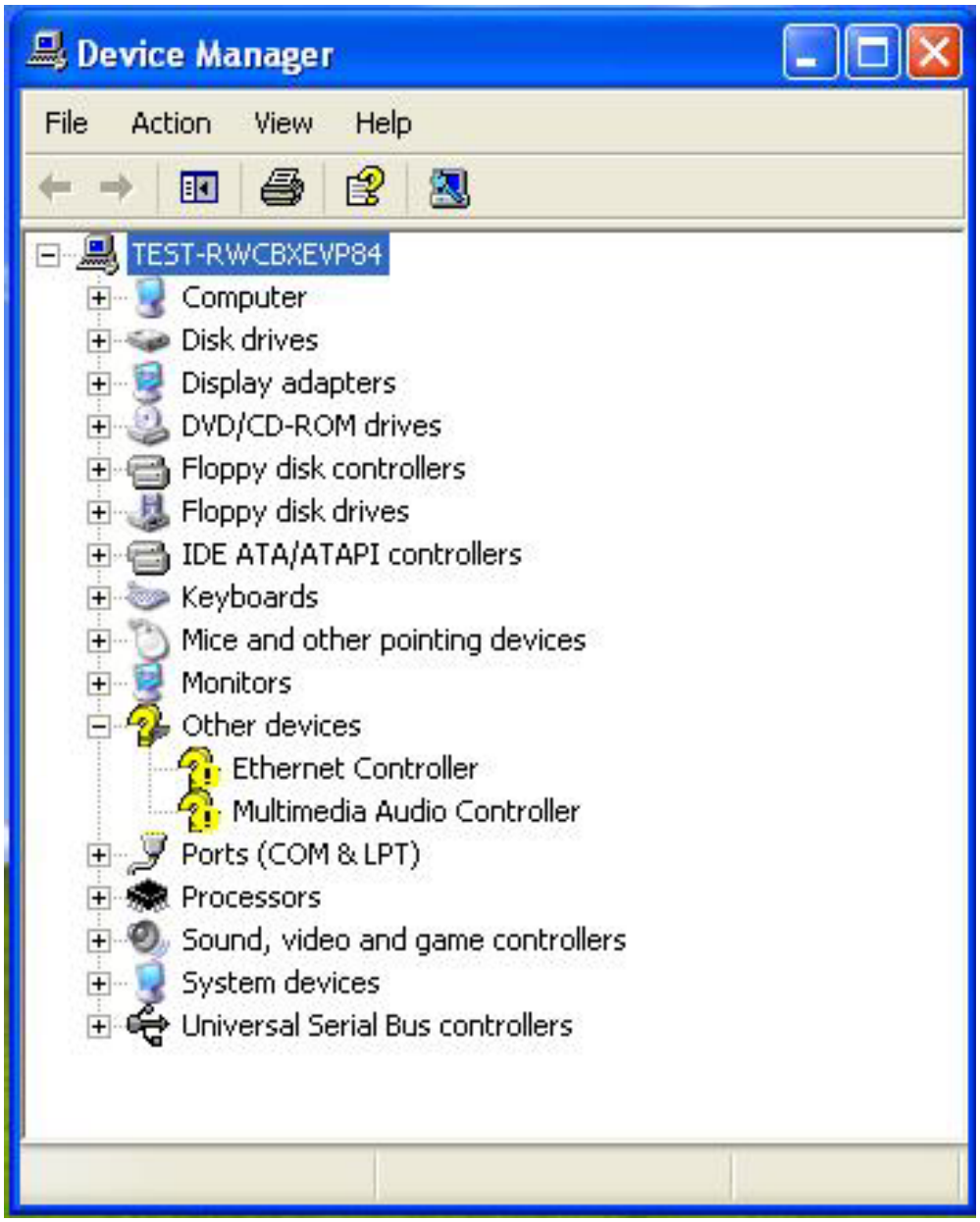
Select which driver you want to install and click ***OK,*** or click ***Cancel*** to abort the driver installation and return to the main menu.

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 a restart of your system before they become active.

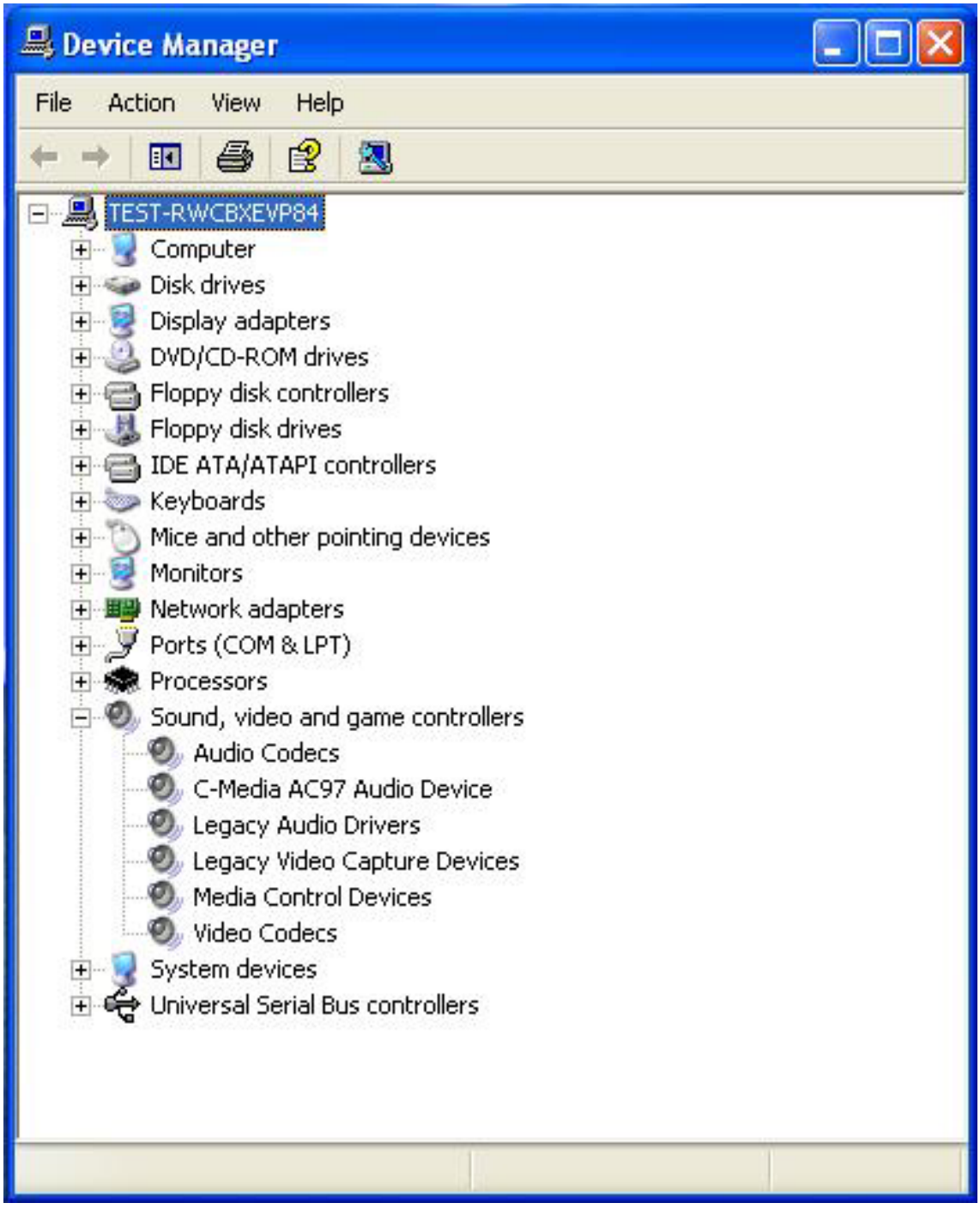
Step 3. Check the Latest Releases

Click the 'Connect to SOYO website' button to go the SOYO Website to 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. Be sure to get your internet connection up before clicking this button.

After Windows XP installation, your device manager should look like this:

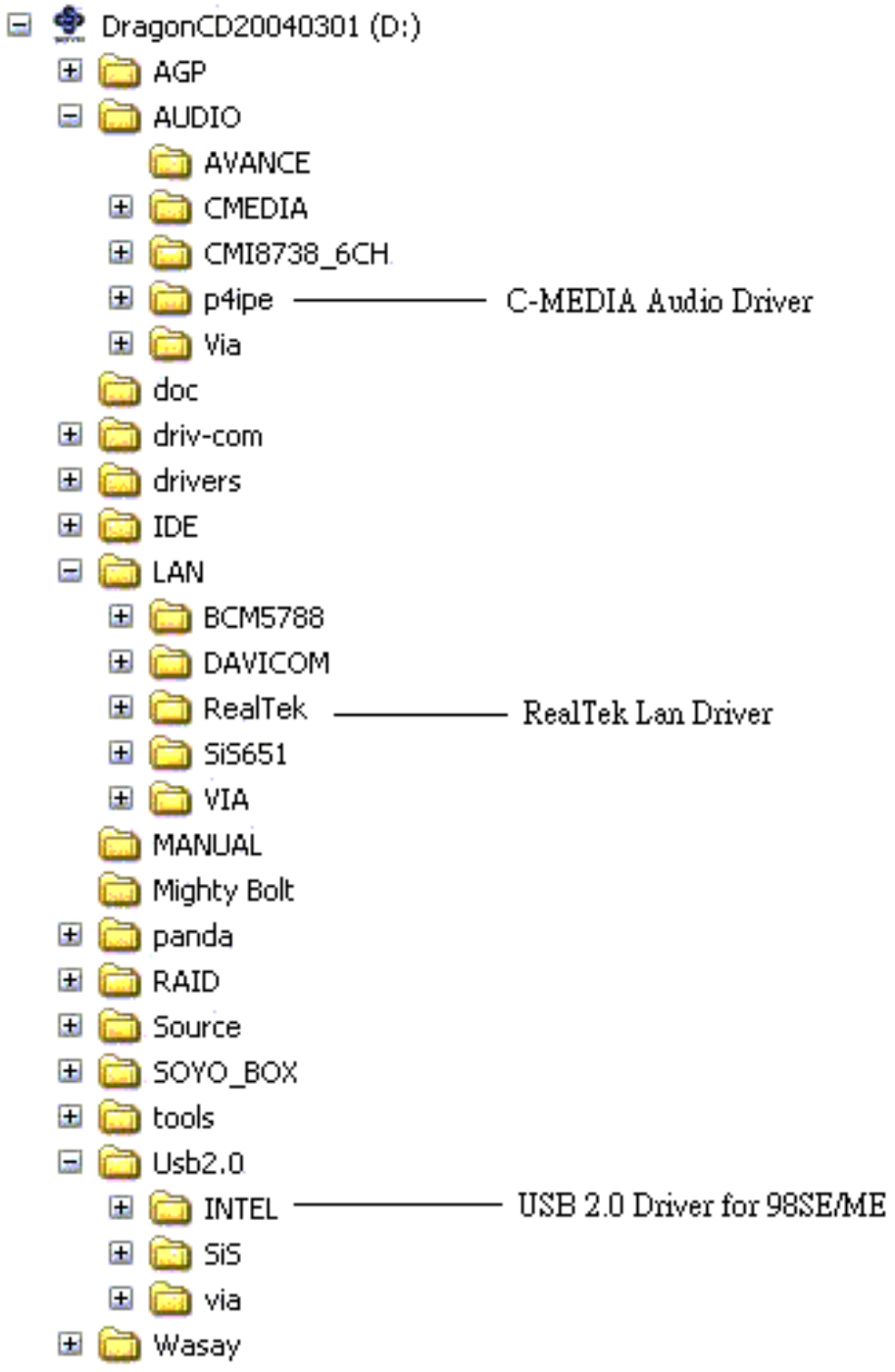


After driver installation, your Windows XP device manager should look like this:



Note: To install the USB 2.0 driver, please update to Windows XP service pack 1.

Drivers directory list in the CD driver



5 Intel USB2.0 Driver Installation

USB2.0 Driver Installation For Windows XP

USB 2.0 drivers are available for download using Windows Update for both Windows XP and Windows 2000.
For additional information regarding USB 2.0 support in Windows XP and Windows 2000, please visit http://www.microsoft.com/windowsxp/pro/downloads/servicepacks/sp1/default.asp
(Windows XP Service Pack1 Include USB2.0 Driver)

After installing service pack1, please do the following:

1. Go into the device manager.
2. Remove " "
3. Restart your system.

Next time Windows XP starts up a new USB 2.0 controller will be found.

USB2.0 Driver Installation for Windows 2000

USB 2.0 drivers are available for download using Windows Update for Windows 2000.

For additional information regarding USB 2.0 support in Windows 2000, please visit
http://www.microsoft.com/windows2000/downloads/servicepacks/sp4/default.asp
(Windows 2000 Service Pack 4 Include USB2.0 Driver)

Quick Trouble shoot tips

Boot-up Issues

The system does not power-up, no beeping sound heard and the CPU fan does not turn on.

1. Check if the power cord is plugged in the power source.
2. Check if the power is connected to the M/B. (both the ATX 12V and the ATX connector)
3. Check if the cable of the case power button is connected to the M/B power button connector (see connectors and plug-ins in this quick start guide for more info).
4. Make sure the power supply is not defective. Change the power supply. The minimum should be 350 watts.
5. Remove the M/B from the case and test the system. The M/B might be shorted to the case.

The system powers up, no video, no beeping sound heard, but the CPU fan is turning.

1. Clear the CMOS ram. (JP5 connector, see Quick start guide for more info on how to clear the CMOS).
2. Check all the jumper settings on the M/B.
3. Check if the CPU is ok by using another CPU (check the Quick start guide for CPU supported on this M/B).
4. Check if the power supply is ok. The minimum should be 350 watts.
5. Make sure the CPU fan is connected to CPUFAN1 connector.
6. Remove the M/B from the case and test the system. The M/B might be shorted to the case.
7. Change the VGA card. If you have used a 3.3V AGP card, the M/B might be damaged.

The system powers up, no video, but beeping is heard.

1. Clear the CMOS ram. (JP5 connector, see Quick start guide for more info on how to clear the CMOS).
2. Check all the jumper settings on the M/B.
3. Check the memory module and the VGA card inserted properly in the M/B.
4. If yes, change the memory module, it might be defective. Make sure the memory specification is supported by the M/B. (for more info on this, check our FAQ on our website).
5. Change the VGA card. Make sure the AGP card is 1.5v, not 3.3v.

The system turns on for some seconds then shutdown by itself.

1. Check if the CPU fan is connected to the CPUFAN1 connector.
2. The CPU might be overheating. Check the CPU FAN if it is defective or see if the CPU fan is in contact with the CPU.
3. Clear the CMOS ram. (JP5 connector, see this Quick start guide for more info on how to clear the CMOS).
4. Make sure the power supply you have in your system supports the M/B specification. Example. If you have a P4 M/B, you need to use a P4 power supply. (ATX 12V compliant)
5. If you already checked the power supply specification, change the power supply it might be defective or to low for your configuration. The minimum is 350 watts.

When I boot up my system, everything works fine, it sees my CPU and memory, detects my hard drive, floppy drive and CD-ROM but locks up at "Verify DMI pool data... "it doesn't go any further. What should I do?

1. Clear the CMOS ram. (JP5 connector, see Quick start guide for more info on how to clear the CMOS).
2. If it still has the problem, remove all other add-on cards except the video card see if it boots further. Then put peripherals in one by one to identify which one causes the lockup.
3. Change the CPU.

During Boot-up, my computer says CMOS memory Checksum error. What is the problem? This error occurs if you:

1. Clear CMOS memory.
2. Re-flash BIOS.
3. Changed the CMOS battery.
4. The BIOS chip might be failing.

Redo your CMOS setup settings. If your battery is empty the error will occur more frequently. You will need to replace the battery in this case. If the problem persists, reflash the BIOS. If all fails your BIOS chip is failing and needs to be replaced.

Stability Issue

My system intermittently locks up, very unstable

1. Check the CPU Temp, it might be overheating. Change the CPU FAN. (Check in the health monitor setup menu what your CPU temperature is)
2. Do not overclock your CPU
3. Check the specification of the memory module, maybe the M/B does not support it.
4. Go to BIOS setup and load fail safe settings. Please check if the system performance in

the BIOS setup is set to Turbo/Maximum. Set it to normal if so.

5. Check the website for latest BIOS update.
6. Check the website for FAQ's regarding instability issues.
7. Change the memory module or CPU, they might be defective.
8. The power supply might not have enough wattage to support all the peripherals. If your system has other peripherals connected, like CD-RW, extra HDD, etc. disconnect them. And see if the problem is gone then.
9. Install Intel Inf driver.
10. Check if your mainboard is shorting out against the cast.
11. Check if your memory module timings set in CMOS setup are supported by your memory module.

My system intermittently locks up, during Windows installation.

1. Go to BIOS and load the optimized defaults.
2. Check our website for any BIOS updates.
3. If it still has the problem, remove all other add-on cards except CPU (and CPU Fan)/ Memory/ Video card/Hard disk. See if you can finish Windows installation. Then put peripherals in one by one to identify which one causes the lockup.

BIOS Issue

Where can I find the BIOS revision of my mainboard?

It will be displayed on the upper-left corner of the screen during boot-up. It will show as your board type followed by the revision number, such as kvxa_2BA1 (meaning BIOS revision 2BA1 for the SY-K7V Dragon plus! board) or 6BA+ IV_2AA2 which means SY-6BA+ IV motherboard with the 2AA2 BIOS.

Where can I find the latest BIOS of my motherboard?

Please go to the technical support page of one of the SOYO websites (Taiwan: www.soyo.com.tw; USA: www.soyousa.com.tw), and look up your motherboard to find the latest BIOS revision.

How can I flash the BIOS?

1. Download the BIOS from our support website.
2. Make a bootable floppy disk with out any memory manager loaded (i.e. himem, emm386, etc…).
3. Copy the BIOS file and awdflash utility to the diskette.
4. Type "awdflash biosname.bin /sn /py".
5. Then reboot.

After flashing the BIOS, my system will not boot-up.

1. Try clearing the CMOS ram.
2. The BIOS chip is defective due to an unsuccessful flash, contact your nearest SOYO branch for re-flashing.

Is there a way to reprogram my BIOS after an unsuccessful flash?

No other way, you need to send back the BIOS ROM to your nearest SOYO branch for re-flashing.

I'm using a 400 or 533 MHz FSB CPU, I cannot find the DDR 200MHz option in the BIOS, why?

An 800 MHz CPU should be used if you want your memory to run at DDR 400 (PC3200).

VGA Issue

I cannot set my VGA to go higher than 16 color (640x 480).

1. Make sure that you have installed the Intel Inf driver.
2. Install/ re-install the VGA driver.

After wake-up from Suspend to RAM or Standby mode, the screen has no display but I can hear the hard disk operating

1. Check the VGA card manufacturer for a driver update, or make sure the VGA card supports the Suspend to Ram function.

Audio Issue

How can I disable the on-board Audio?

Go to the SOYO Combo Feature menu in the BIOS setup, then set the "onboard audio" to disable.

I cannot get the sound working on my system.

1. Check if the speaker wire is connected to the line out connector on the M/B.
2. Check if the speaker is powered on.
3. Install the audio driver supplied on our driver disc.
4. Check BIOS setup if "onboard audio" is enabled.
5. If sound is already installed, check our website for an audio driver update.

The sound is working in my system, but when I play CD music from the CD-ROM, I do not get any sound. What is wrong?

This is because the 4-wire audio cable from the CD-ROM to the on-board CDIN1 connector on the M/B is not connected. See manual for location of CDIN1.

The sound and everything else works fine except that the line-in and/or microphone doesn't work. What is wrong?

1. Please go to sound properties and check if the line-in and/or microphone are enabled.
2. Check if the Microphone/line-indevice is ok.

Added PCI Audio Card does not work on this motherboard.

1. Go to SOYO COMBO Setup and Disable "onboard audio".
2. Go to integrated peripherals and Disable "Game port address" and "Midi port address"

Hard disk/FDD/ CD-ROM issue

My Western digital HDD is not detected during boot-up

Change the jumper settings to cable select or single.

Sometimes the system finds my CD-ROM, sometimes not

1. Check CD-ROM if it is working properly.
2. The power supply might not have enough wattage to support all the peripherals. If your system has other peripherals connected, like CD-RW, extra HDD, etc. disconnect them.

When I boot up my new computer I got "floppy boot failure" and the LED on the floppy stays on

1. Make sure the red wire of floppy ribbon cable goes to Pin1 on the floppy drive side (don't trust the "key lock" or "notch") and use the end-connector of the cable (don't use middle one).
2. Some floppy drivers have their own jumper to make the same twist as the twist on the cable. Make sure this jumper is set correctly.

LAN Issues

During LAN driver installation, the system hangs on 75%, why?

Enable the onboard LAN in the BIOS setup.

I have problem installing Novell NetWare v.50

Disable the APIC option in the BIOS.

For updated FAQs, please check http://www.soyo.com.tw/faq.htm **or** http://www.soyousa.com/faqs.html

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*.

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