



Mozart Sx

Media LAB

User's Manual

VC7000 Series

90mm



VC7001SNS



VC7000SNS

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Chapter1 Product Introduction

1.1 Specification

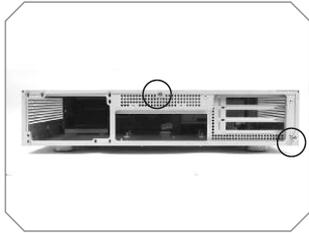


Model	VC7000SNS
VFD Module	Optional
Riser Card	Built-in PCI-E X1, PCI X2
Case Type	Slim ATX Media PC Case
Net Weight	8.5 kg
Dimension (H*W*D)	90 x 470 x 440 mm
Cooling System	Dual 80mm Fans in the Side and Front
Drive Bays	4
-Front accessible	1 x 5.25", 1 x 3.5"
-Internal	2 x 3.5"
Material	Chassis:0.8 mm SECC
Color	Silver
Expansion Slots	3
Motherboards	Full Size ATX, Micro ATX, Mini ITX
PSU	Fits Standard ATX PSII PSU

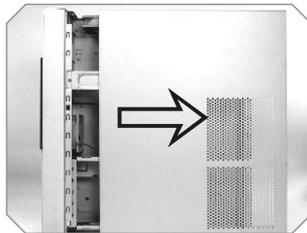
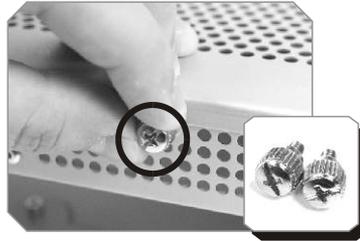
Model	VC7001SNS
VFD Module	Built-in Media LAB Kits
Riser Card	Built-in PCI-E X1, PCI X2
Case Type	Slim ATX Media PC Case
Net Weight	9.3 kg
Dimension (H*W*D)	90 x 470 x 440 mm
Cooling System	Dual 80mm Fans in the Side and Front
Drive Bays	4
-Front accessible	1 x 5.25", 1 x 3.5"
-Internal	2 x 3.5"
Material	Chassis:0.8 mm SECC
Color	Silver
Expansion Slots	3
Motherboards	Full Size ATX, Micro ATX, Mini ITX
PSU	Fits Standard ATX PSII PSU

Chapter2 Case Mechanical Operations

2.1 How to open Top Cover

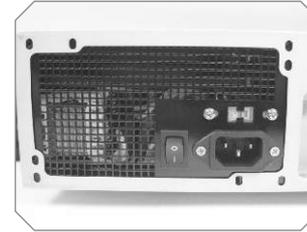


Remove the 2 thumb-screws



Remove the cover as shown

2.2 How to install PSU



Place the PSU in the location as shown



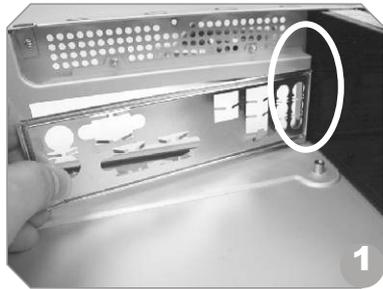
Secure it with the screws



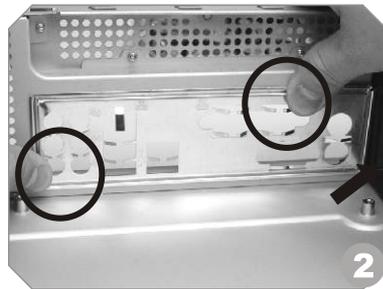
Notice: Please use caution while installing supply/
If the power supply has a single fan, make sure
the fan is exposed on the top.

2.3 I/O Plate Installation :

Due to the variety of motherboards on the market, the majority of the motherboards come with their own I/O plates. Please install the I/O plate as following:

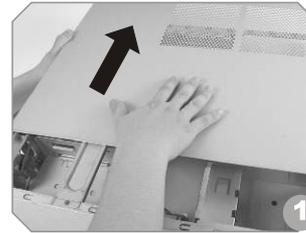


Step 1: Please install the I/O plate diagonally. Insert the side close to the power supply first.

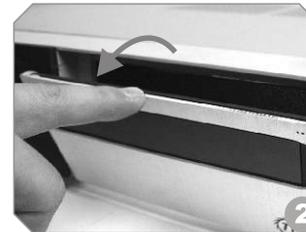


Step 2: Slowly push in the I/O plate into spot until the plate is perfectly flush with the backside of the chassis.

2.4 External 5.25" and 3.5" Device installation



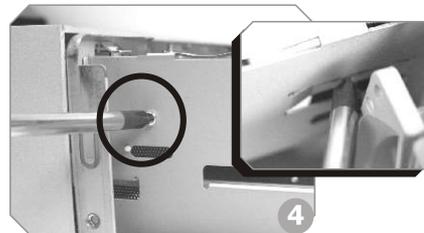
Remove the cover by sliding it backwards



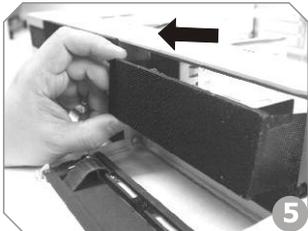
Push the front panel in



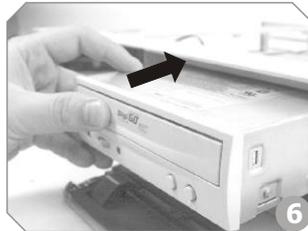
Open the front panel



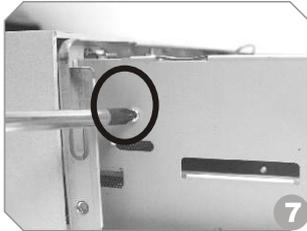
Remove the screws



Remove the 5.25" drive bay cover as shown.

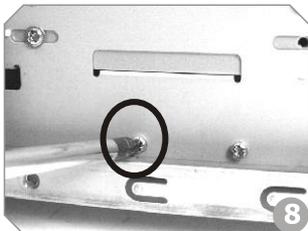


Insert the device into 5.25" drive bay

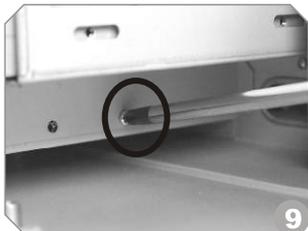


After placing 5.25" device, secure the device with screws

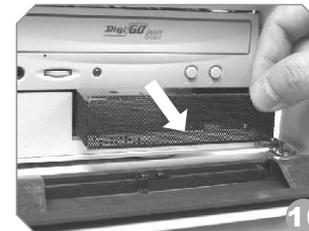
3.5" Device Installation



Remove 2 screws



Please remove the screw on the opposite side.



Remove the 3.5" drive bay cover. Then, insert the device into 3.5" drive bay

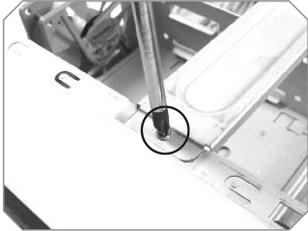


After placing 3.5" device, secure the device with screws

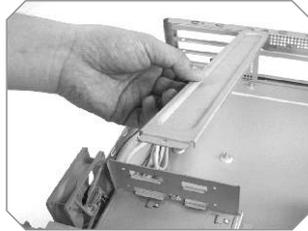


Finish Installation

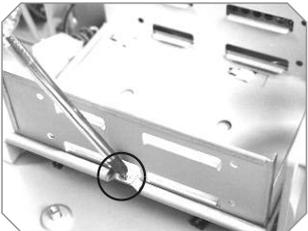
2.5 HDD installation



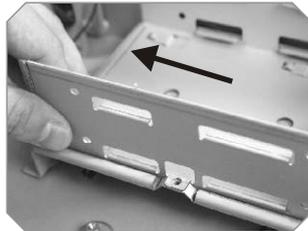
Please remove the top screw from the supporting bar



Remove the supporting bar.



Remove the screw that is on the HDD cage as shown.



Slide out the HDD cage as shown.



Remove the HDD cage completely.

Notice:Please use caution while installing 3.5" HDD/
The 3.5" HDD connector is exposed on the left side.



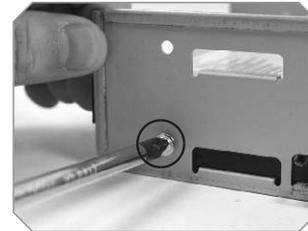
Install the HDD and secure it with screws



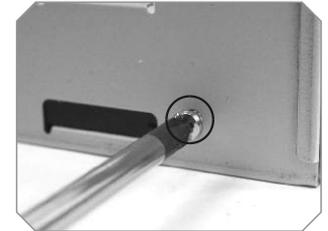
Slide the HDD into the cage as shown.



Move the HDD to the desired location.

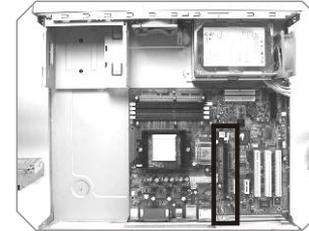


Secure the HDD by screws



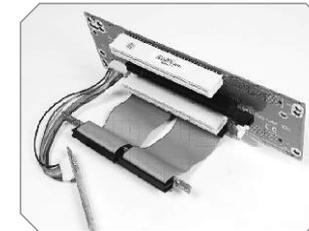
Chapter3 Riser Card installation(for ATX MB)

3.1 ATX MB riser card installation

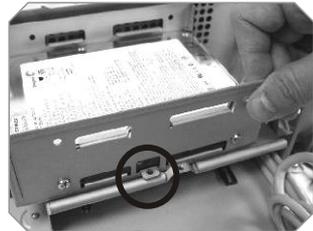


Notice:

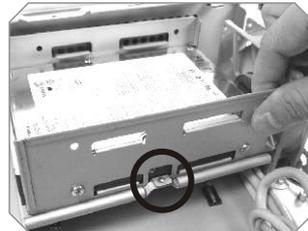
If you are using a full size ATX motherboard, please make sure the PCI-E card is on the 6th slot of the PCI slot in order to install the riser card correctly.



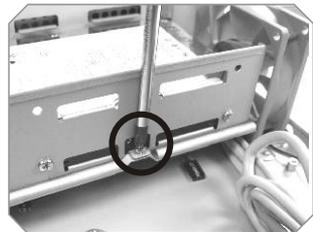
Please prepare the riser card provided with the chassis



Align the HDD cage and the screw hole location



Please secure the HDD cage with the screw as shown.



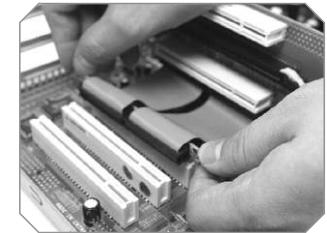
Please secure the HDD cage with the screw as shown.



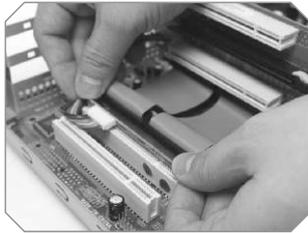
Finish HDD installation



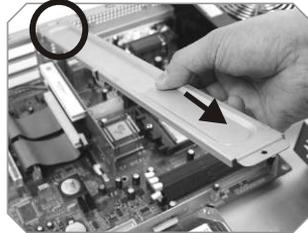
Install the riser card into the PCI-E location on the motherboard.



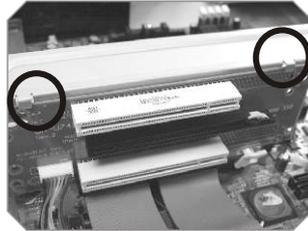
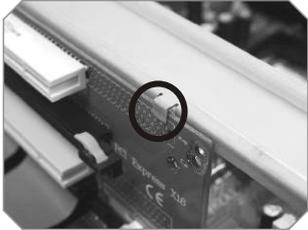
Install the connector of the riser card into a PCI slot.



Please connect the second PCI extended connector into the second PCI slot.



Please re-install the chassis supporting bar.

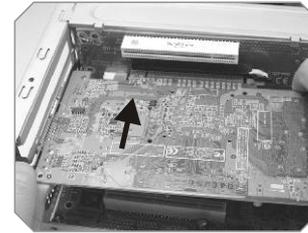


Notice: The supporting bar has two points used to secure the riser card. Please make sure the riser card and the supporting bar are both secured during installation.

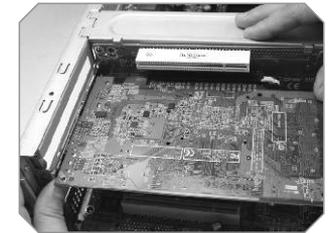


Please secure the supporting bar with screws as shown.

3.2 PCI-E Card Installation



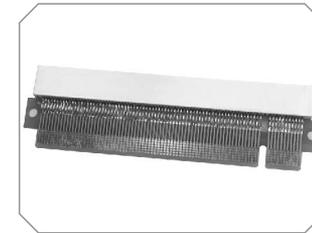
After aligning with the riser card, please install the PCI-Express video card as shown.



After installation, please secure the PCI-Express video card in the back slot.

Notice:

If you are using a Micro ATX MB, the Mozart SX has A2324 (PCI-PCI) upgrade kits. It will easily be able to install your system by using Micro ATX MB.



A2423:PCI-E&PCI upgrade kits for Micro ATX MB(optional)

Chapter4 Front Buttons Instruction

4.1 Power · Rest Button operate instruction :



Power Button

You can shut down your system by pushing this button

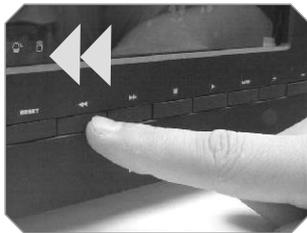


Rest Button

You can restart your system by pushing this button

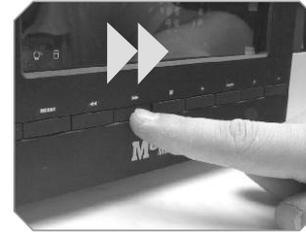
4.2 Media LAB Hot keys Module function instruction : (Optional)

Mozart SX supports the latest VFD kit. The VFD not only supports the latest multimedia functions, it also supports a set of Hot Keys function. The simple design will allow users to control the system simply through a touch on the front panel.



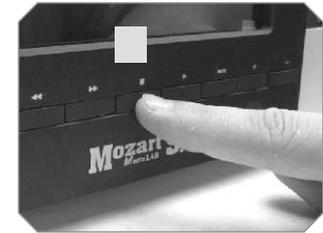
Rewind Button

This button will allow you to jump to the previous track or chapter of the current playing media.



Forward Button

This button will allow you to jump to the next track or chapter of the current playing media.



Stop Button

This button will allow you to stop the current playing media.



Play Button

This button will allow you to start playing the media of your choice.



Mute Button

This button will allow you to mute the current playing media.



Sound Volume Control Button

This button will be able to increase the sound volume of your current playing media.



Sound Vol. Control Button

This button will be able to decrease the sound volume of your current playing media.

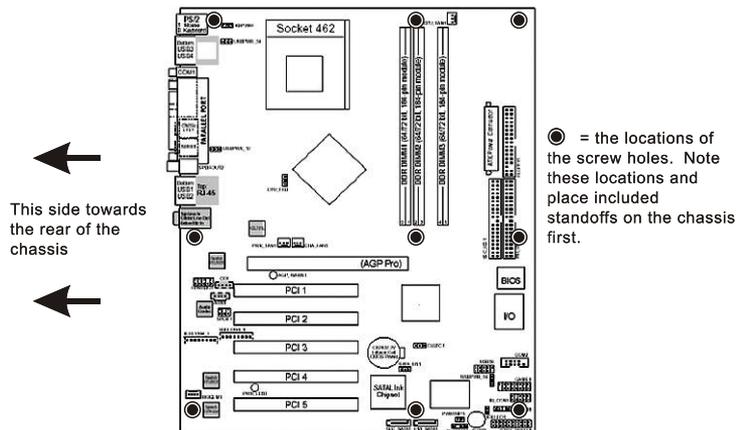
Chapter 3 Motherboard & Leads Installation

3.1 Motherboard Installation

Each motherboard has different standoff layout. It is highly suggested that you refer to your motherboard's manual when installing motherboard into the case. The cases are applicable with Standard ATX, Micro ATX motherboards. Your motherboard may require a special I/O Panel, which should be included with your motherboard.

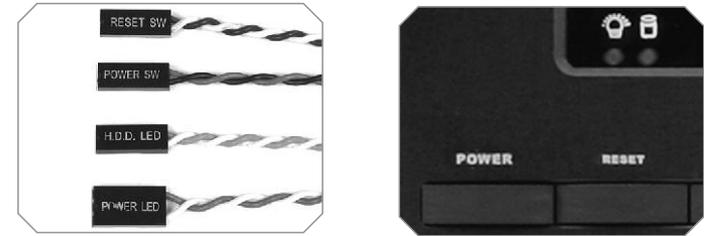
Placement Direction:

When installing the motherboard, make sure you follow the direction provided by your motherboard manufacturer. On most standard motherboards, the edge with external ports goes to the rear part of the chassis. It is highly recommended that you install CPU, heat sink and modular components before fixing the motherboard inside the chassis.



Above illustration is a sample of what the motherboard's layout. For more detail screw hole placement, please refer to your motherboard manual.

5.2 Case LED connections



On the front of the case, you can find some LEDs and switch leads (POWER SW*1, POWER LED*1, H.D.D. LED*1, RESET SW*1, SPEAKER*1).

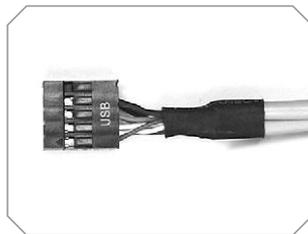
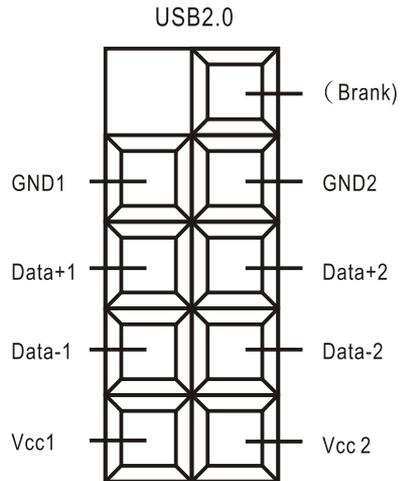
Please consult user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard. These leads are usually labeled; if not, please trace them back to the case front to find out their source.

- **POWER LED**
connects to your M/B at the PLED.
- **POWER SW**
connects to the PWR connector on the motherboard.
- **H.D.D LED**
connects to the 2-pin labeled HDD LED connector.
- **RESET SW**
connects to the RSW connector on the motherboard.

5.3 USB2.0 & IEEE1394 Firewire connection

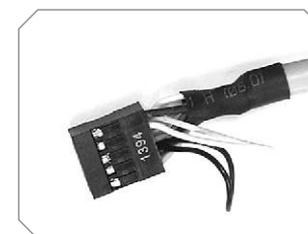
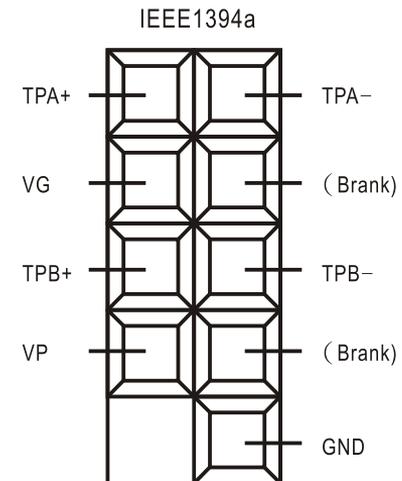
USB connection

Please consult your motherboard manual to find out the section of "USB connection".



IEEE1394 Firewire connection

Please consult your motherboard manual to find out the section of "IEEE1394 Firewire connection".

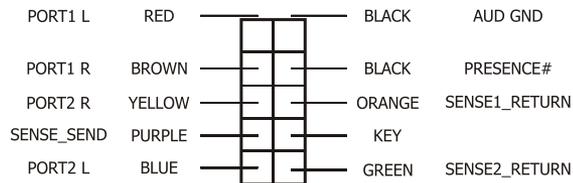


6.1 Your Media LAB kit

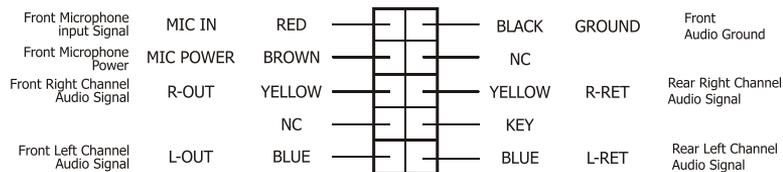
5.4 Audio connections



- Please refer to the following illustration of Audio connector and your motherboard user manual.
- Please select the motherboard which used AC'97 or HD Audio (Azalia), (be aware of that your audio supports AC'97 or HD Audio (Azalia)) or it will damage your device(s).
- On some motherboards, the connectors for Audio are not the same as the drawing below. Please check with your motherboard manual before installing.



AUDIO AZALIA Function



AUDIO AC'97 Function



- 1 Media LAB VFD With Hot key Module
- 1 Media LAB Remote Control (Internal IR Receiver)



- 1 Quick Guide
- 1 Media LAB Application CD



- 1 Extension USB Cable
- 2 AAA Batteries

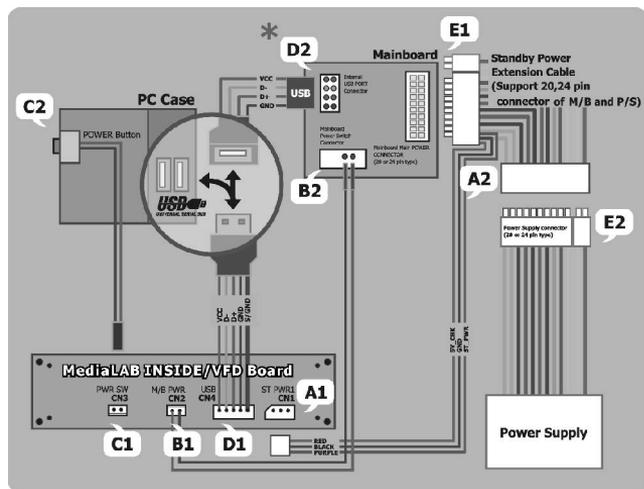
6.2 Installation Process

1) S/W Installation

Insert 'Media LAB Application CD' to your CD ROM, and install Media LAB software and Multi-Median according to the auto running S/W installation process.

2) H/W (IR Receiver) Installation

Internal IR Receiver (Media LAB VFD) Installation The feature of internal type Media LAB IR receiver is that you can power on your PC system using the power button of the remote control. After turn off your PC system, open your PC cover and connect the cable to its proper pin refer to the following picture. Internal IR receiver is connected to motherboard with two cables, PC case with one cable, Power Supply with another cable. You should be careful to connect these four cables refer to your motherboard manual.



■ Connection Diagram Media LAB Inside/VFD

1. Stand-By Power Connection Cable

A1 : (2pin, Media LAB Inside 'ST PWR1' connector)

A2 : (2pin, Motherboard power extension cable)

2. Motherboard Power Switch Connection Cable

B1 : (2pin, Media LAB Inside 'M/B PWR' connector)

B2 : (2pin, Motherboard power switch connector)

3. PC Case Power Switch Connection Cable

C1 : (2pin, Media LAB Inside 'PWR S/W' connector)

C2 : (2pin, PC Case power button connector)

4. Motherboard USB Connection Cable

D1 : (5pin, Media LAB Inside USB connector)

D2 : (4pin, Motherboard USB internal connector)

The names of the additional USB port pins on the Motherboard manual are different with the manufacturer. Please refer to the following table to connect the USB cable.

Line Color	Additional USB Port Pin Name
RED	VCC, POWER, USBPOWER
WHITE	D-, DATA-, USBP#-, UP#-, P#-
GREEN	D+, DATA+, USBP#+, UP#+, P#+
BALCK	GND, GROUND

After all the connection finished, turn on your system. You may see the 'Found New H/W Wizard' when Windows starts. Assign the CD ROM drive for searching H/W driver.

3) Execute Media LAB Software

After finish S/W and H/W installation, please execute the Media LAB Software using the desktop icon. Please refer to the Media LAB User Guide in order to learn about the various settings and usage of Media LAB Software.



Please refer to the detail description on the PDF manual which is installed with S/W applications.

Chapter7 Other

7.1 Recommended Thermal Module Solution : Golden Orb II

The Golden Orb II, an aerodynamic and radiant shape, to tally ultra silent, high performing cooler suitable to fit your Mozart SX!!

The Golden Orb II Cooler is a worldwide patented design. This addition presents a rainbow-colored transparent fan with silent irradiating Blue LED Light fan which performs well at an extremely low noise of only 17dBA. It allows computer gamers and enthusiasts to breeze through their games and movies with ease and quietness. In order to further improve on cooling the monster machines of today, the Golden Orb II fully supports Intel P4 LGA 775 and AMD K8 systems. The rebirth of the Golden Orb II, a more powerful, more exhilarating design!

Golden Orb II P/N CL-P0220

Features :

- Radiate aluminum golden fin provide sufficient air flow.
- Copper core touches the heat center directly and conducts heat quickly.
- Silent Fan with blue LED, 17dBA only.
- Universal design for Intel P4 LGA775 & AMD K8



7.2 Silent Purepower™ power supply (optional)

The Thermaltake Silent™ Purepower specification meets Intel Pentium 4 and AMD K8; it offers plenty of functions, which mainly include:

1. Automatic Fan Speed Control:

The Silent Purepower™ power supply can detect the inside heat and automatically adjust the fan speed to provide adequate airflow.

2. Ultra Silent:

Ball bearing fans with high reliability and super low acoustic noise under all load condition.

The functions can assure the Silent Purepower™ meet the balance in noise control and heat exhausted. The Silent Purepower™ provides complete protection function as follow

1. Over thermal protection at 100 ̊C-105 ̊C:
2. Short circuit protection on all output.
3. Over voltage protection / Under voltage protection.
4. Over current protection.

Besides, Thermaltake enables the quality assurance of the Silent Purepower™: 100% Hi-POT and ATE Function Test, 100% Burn-In and AC Input cycled on/off under high temperature condition. Furthermore, it has been approved by **UL, CSA, TUV, VDE, NODIC, CB, FCC, CE, CNS.**



There are three main products of Thermaltake PSU, it is divided into standard, VR and specialty power supply unit. Please refer to -

<http://www.thermaltake.com/purepower/main.htm>