

# Bach

Media LAB

VB8000 Series

## User's Manual



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# Chapter1 Product Introduction

## 1.1 Specification

■ VB8000SNS



■ VB8001SNS



Model	Bach	VB8000SNS	VB8001SNS(VFD Module)
Case Type	Media PC Case		
Net Weight		8 kg	8.5 kg
Dimension	170 x 430 x 450 mm (H*W*D)		
Cooling System	<ul style="list-style-type: none"> <li>• Front (Intake) : 80 x 80 x25 mm silent fan, 2000rpm, 19dBA</li> <li>• Rear (Exhaust) : Dual 60 x 60 x25 mm, 2500rpm, 19dBA</li> </ul>		
Drive Bays - Front Accessible - Internal		8 2 x 5.25", 1 x 5.25" Accessory Bay 5 x 3.5"	
Material	Chassis:1.0 mm SECC		
Color	Silver		
Expansion Slots	7		
Motherboards	Micro ATX , Standard ATX		

■ VB8000BNS



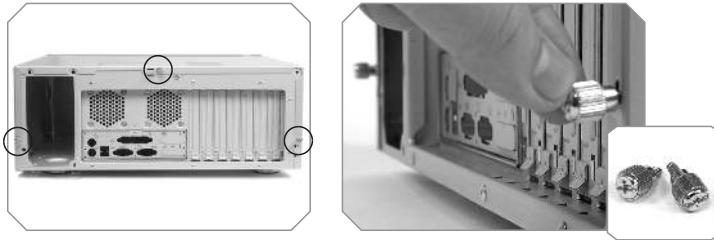
■ VB8001BNS



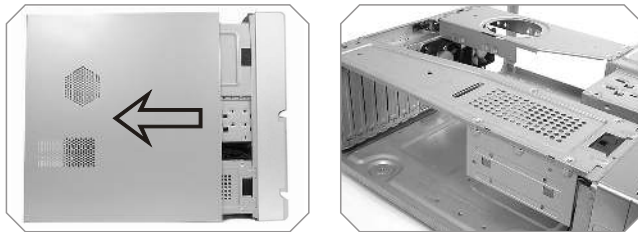
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Drive Bays - Front Accessible - Internal		8 2 x 5.25", 1 x 5.25" Accessory Bay 5 x 3.5"	
Material	Chassis:1.0 mm SECC		
Color	Black		
Expansion Slots	7		
Motherboards	Micro ATX , Standard ATX		

## Chapter2 Case Mechanical Operation

### 2.1 How to open the case



Remove these 3 thumb-screws



Remove the cover, please refer to the orientation of the picture

### 2.2 How to install PSU



Place the PSU over the location as shown



Secure it by the screws

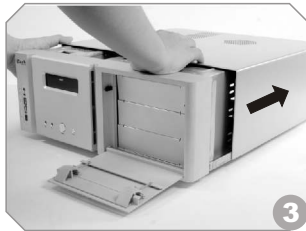
## 2.3 5.25" device installation



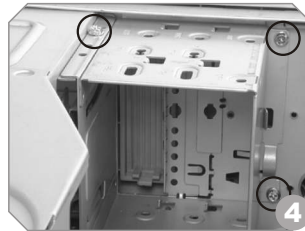
Push the front panel



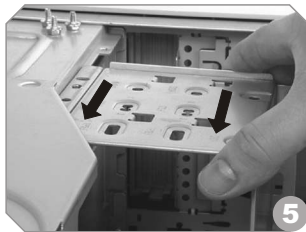
Open the front panel



Remove the Cover



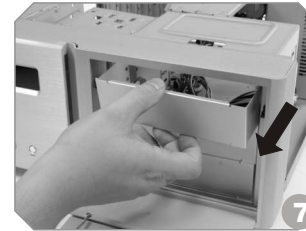
Release 3 screws



Remove outward the  
3.5" cage



Release 3 screws



Remove the 5.25" drive bay cover. Then, insert the device into the 5.25" drive bay

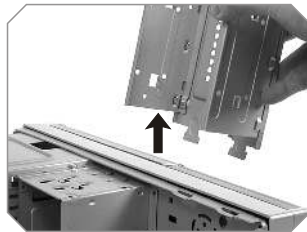


After placing 5.25" device, secure the device with screws

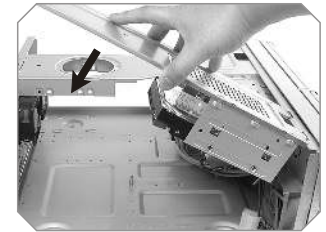
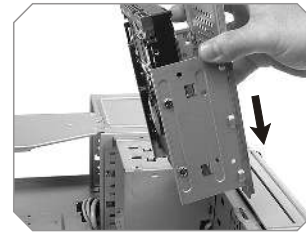
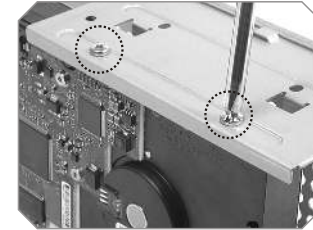
### **Notice:**

Installing 5.25" optical device the 3rd bay (lowest position) is not recommended, it may interfere with some motherboards.

## 2.4 HDD installation



Remove the screw as shown picture then take off the rod



Install the HDD and secure it with screws, then install back the rod



Finish installing HDD

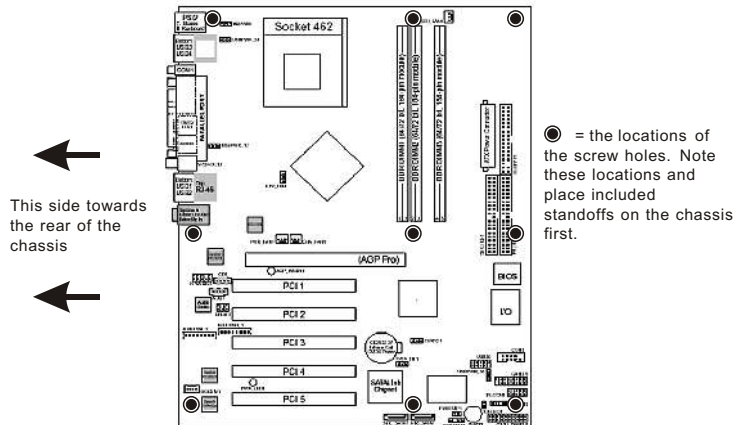
# Chapter3 Motherboard & Leads Installation

## 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.

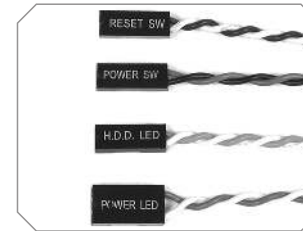
### Placement Direction:

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.

## 3.2 Case LED connections



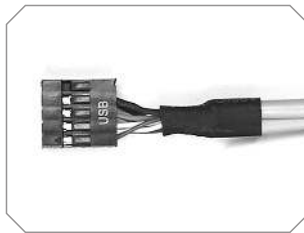
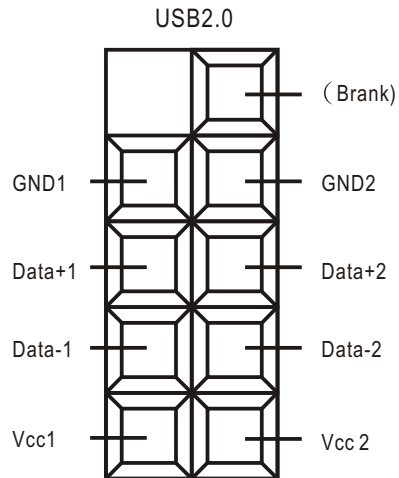
On the front of the case, you can find some LEDs and switch leads (POWER SW\*1, POWER LED\*1, H.D.D. LED\*1, RESET SW\*1, SPEAKER\*1). Please consult user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard. These leads are usually labeled; if not, 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.
- **SPEAKER**  
connector: find out the 4-pin labeled SPEAKER on the M/B then connect it.

### 3.3 USB2.0 & IEEE1394 Firewire connection

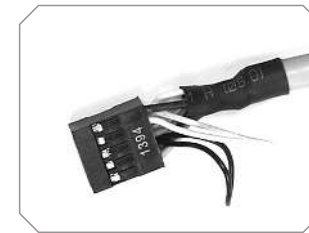
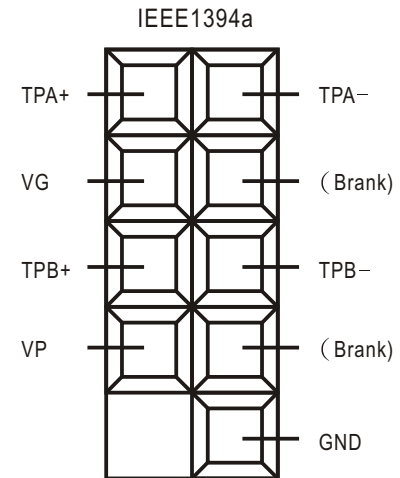
#### USB connection

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



#### IEEE1394 Firewire connection

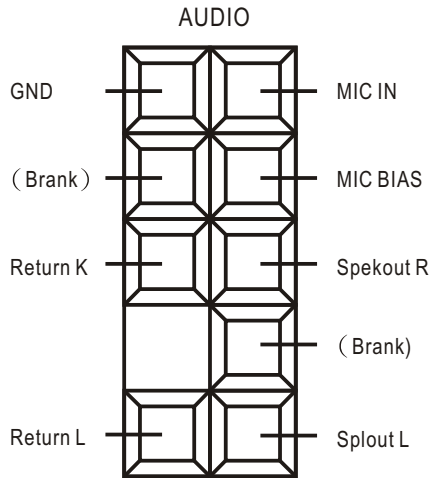
Please consult your motherboard manual to find out the section of "IEEE1394 Firewire connection".





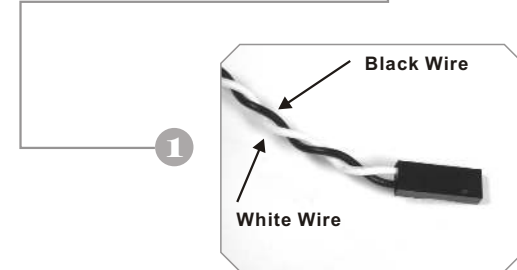
### 3.4 Ear & MIC connections

Please consult your motherboard manual to find out the section of "front panel audio connector".



### 3.5 Case open alarm function ( Intrusion switch )

To find out the cable with 2pin connector (Micro SW) from the rear of inside the chassis.



To find out the position of Chassis Alarm on your motherboard. (please consult your motherboard manual)



## Chapter4 Media LAB Quick User Guide (optional)

### 4.1 Your Media LAB kit



■ 1 Media LAB VFD  
(Internal IR Receiver)



■ 1 Media LAB Remote Control



■ 1 Quick Guide



■ 1 Media LAB Application CD



■ 1 Extension USB Cable



■ 2 AAA Batteries

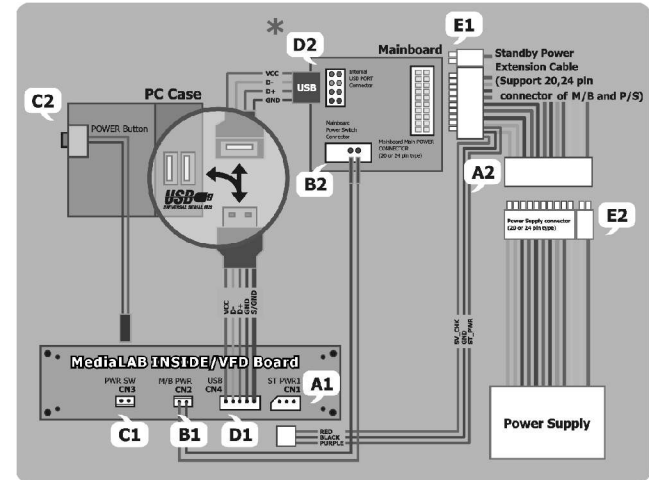
### 4.2 Installation Process

#### 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)
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### 2. Motherboard Power Switch Connection Cable

B1 : (2pin, Media LAB Inside 'M/B PWR' connector)	B2 : (2pin, Motherboard power switch connector)
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### 3. PC Case Power Switch Connection Cable

C1 : (2pin, Media LAB Inside 'PWR S/W' connector)	C2 : (2pin, PC Case power button connector)
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### 4. Motherboard USB Connection Cable

D1 : (5pin, Media LAB Inside USB connector)	D2 : (4pin, Motherboard USB internal connector)
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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.**

## Chapter5 Other

### 5.1 Silent Purepower™ power supply (optional)

The Thermaltake Silent™ Purepower specification meets Intel Pentium 4 and AMD K7; 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>**