



WARRANTY

■ **Model : R102/103**

■ **Purchasing Date :**

■ **Purchasing Shop :**

Thanks for purchasing our cases.
3R SYSTEM guarantee that all the cases are produced under perfect quality control and warrants this product under the followings.

Warranty Service

1. This product can be warranted for 1 year from the purchasing date.(The Restriction of Warranty)
2. If the repair needs after the warranty period, the charge of parts and the repair should be done by the purchasers.
3. The term of validity of components for finished products is 1 year and if the replacement of parts are required after that, the customers are responsibility for the charge of parts.

Out of Warranty

1. Warranty doesn't cover any damage caused from abuse, misusing, fault and consequential damage.
2. Any damage resulted from modifying intentionally and using for the other purpose cannot be covered.

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MADE IN CHINA

Notice

- When users carry the heavy cases, be careful not to get hurt.
- Pay attention to the damage due to the external pressure
- Use safety gloves to free from the electric shock and hurt your fingers in assembling.
- When you installation of the storage , install after backup your data
- Try assembling or remove some device, after switch off and separation of AC cord.

Specifications

- Dimension : 200 x 440 x 470 (WHD)
- Drive Bays : 4 x 5.25", 8 x 3.5" (Hidden 5)
- Aluminum Chassis
- Large LCD with blue backlight
 - 3 channel temperature monitor (Celsius, Fahrenheit) / Clock
- USB 2.0 x 2; IEEE 1394 x 1; MIC x 1; Earphone jack x 1
- 1 x 80mm fan attached back panel, 1 x 80mm front panel intake fan (Optional)
- Supports Full-ATX

Front view



- ① 5.25" Drive bays
- ② 3.5" Drive bays
- ③ Power switch
- ④ Reset switch
- ⑤ HDD LED, Power LED
- ⑥ Large LCD with blue backlight



- TEM - Shows 3 channel temperature
(The temp. graph : Shows the temperature.
The greater the number of bars, the hotter the system.)
- FAN - Status of the connected fan
HDD - Status of the HDD
POW - Status of the PSU
TIM - Clock
- ⑦ Buttons
RESET - Returns its original state
MODE - Selects a thermal sensor
SET - Sets time
UP C/F - Time Setting,
° C / ° F display conversion
- ⑧ USB / MIC / SPK / IEEE1394

How to connect the cables



- ① POWER LED : Shows whether the power is on or not
HDD LED : Shows status of the HDD
POWER SW : Power Switch Cable
RESET SW : Reset Switch Cable
(For further details, please refer to the manual of the motherboard.)
- ② USB2.0 cable: connect the USB2.0 cable to the USB header on the motherboard. (Please refer to "How to install the USB2.0 cable")
- ③ IEEE 1394 / MIC / SPK
Identify and find out Audio I/O and IEEE 1394 port in the I/O shield (back side of the case), then connect them to each port.
If you can not find IEEE 1394 port from I/O shield but exist IEEE 1394 function, please install PCI bracket with IEEE 1394 (normally enclosed in the motherboard package), then connect it.
- ④ Thermal Sensor
(Please refer to "Connecting Thermal Sensors")
- ⑤ 3-pin female connector for a fan
Please connect the preinstalled 80mm fan to it
(Note : If the fan fails to run properly, the chassis speaker beeps.)

Installing the parts

- ①  System Warning Speaker (4-pin SPKR) : Connect the speaker on the motherboard of 4-pin connector. It allows you to hear system beeps and warnings.
- ②  Motherboard supporter : Place supporters into the holes indicated by your motherboard's screw holes. Please do not place any supporter where motherboard's hole is not presented, otherwise it may cause damage to your system.
- ③  Screw (bigger) : Secure the HDD and the Power Supply with this
- ④  Screw (smaller) : Secure the motherboard, CD-ROM and FDD with this
- ⑤  Latches for expansion cards: Use these latches to secure the expansion cards without screws (Press the latch downward until you hear "tic" sound as you seen on the picture #2)



Connecting Thermal Sensors



SOCKET 478



SOCKET 370 / 462

The thermal sensors can be attached to any desired heat source such as next to the CPU core or HDD and so on.

As shown, you DO NOT place the sensor on the CPU core. You may use any kind of tape to attach the sensor in place. For more accurate measurement, you may apply thermal grease over the sensor as well.

Be careful not to damage the sensor or core during the installation as the sensor may slide onto the core.

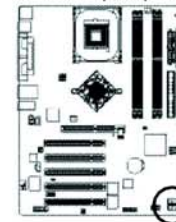
How to install the USB 2.0 cable (compatible with USB1.1)

Please consult your motherboard manual to find out the position of USB 2.0 connection on your motherboard.



- ① +5V connects to VCC1 or USB+5V or USB Power on your M/B
- ① -D connects to USB1- or USB2- or LDM1 or DATA-1 on your M/B.
- ① +D connects to USB1+ or USB2+ or LDP1 or DATA+1 on your M/B
- ① GROUND connects to GND1 or GND.
- ② +5V connects to VCC2 or USB+5V or USB Power on your M/B.
- ② -D connects to USB2- or USB3- or LDM2 or DATA-2 on your M/B.
- ② +D connects to USB2+ or USB3+ or LDP2 or DATA+2 on your M/B
- ② GROUND connects to GND2 or GND.

※ Example (GIGABYTE 8IPE1000)



PinNo	Definition	CASE
1	Power	① +5V
2	Power	② +5V
3	USB0 D ⁺ /USB6 D ⁺	① -D
4	USB1 D ⁻ /USB7 D ⁻	② -D
5	USB0 D ⁻ /USB6 D ⁻	① +D
6	USB1 D ⁺ /USB7 D ⁺	② +D
7	GND	① GROUND
8	GND	② GROUND
9	No Pin	
10	NC	

Troubleshooting

Problem 1: No power to the system. Power light does not illuminate. Fan inside power supply does not turn on. Indicator lights on keyboard are not lit.

- Causes:
1. Power cable is unplugged.
 2. Defective power cable.
 3. Power supply failure.
 4. Faulty wall outlet; circuit breaker or fuse blown.

- Solutions:
1. Make sure power cable is securely plugged in.
 2. Replace cable.
 3. Contact technical support.
 4. Use different socket, repair outlet, reset circuit breaker or replace fuse.

Problem 2: You can not see the temperature.

- Causes:
1. Connector between the sensor and the system board unplugged.
 2. Damaged sensor or controller.

- Solutions:
1. Check the cable running from the sensor to the controller board. Make sure the connector is securely attached.
 2. Contact technical support.

Problem 3: Defected Latches for expansion cards

- Please use the screw to secure the expansion card that you want other than the latch. (Do not overtighten the screw, otherwise it may cause damage to the chassis)

Problem 4: The case beeps

- The fan fails to run properly. Please check the fan connected to the module.

Problem 5: The system runs just fine but LEDs do not illuminate

- Change the direction of the LED connectors