WARRANTY

- MODEL NAME : R105SH
- DATE OF PURCHASE :
- PLACE OF PURCHASE :
- 1 YEAR (365 DAYS) LIMITED WARRANTY

Thank you for purchasing our product.
Our computer cases have been thoroughly tested and have been shipped in perfect condition.
3R SYSTEM hereby warrants, to the original purchaser, this product to be free of manufacturing defects in material and workmanship for a period of one year (365 days) from the date of purchase.
Specifications and improvements in the design of this product is subject to change without any prior notice.
For detailed information and support, please visit our website.

WARRANTY SERVICE

1. During the period of one year from the date of purchase, 3R SYSTEM will repair or replace defective parts at its expense, on condition that the product has been used in a normal environment and conditions. 3R SYSTEM is not liable for the damage of any other computer components or any consequential damage..
2. 3R SYSTEM will keep replacement parts for discontinued products for one year.During this period, 3R SYSTEM will offer customers requested replacement parts for the consumer price of the moment.

Warranty voids when;

1. Damage is caused by user's abuse or misuse of the product, or by a natural disaster.
2. Damage is caused by modifying the product or by using the product in improper applications.

※ Unsealing and using this product is considered as an agreement to above description.※

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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 : 5.25" x 4 / 3.5" x 8 (2 External)
- Large Graphic-LCD with Blue-Backlight
  - 3 channel temperature monitor / Clock / Fan control
- USB x 2, IEEE1394 x 1 Port / SPK, MIC Jack x 1 on front panel
- 120mm x 1EA fan on back panel,
  80mm x 1EA fan on front panel (Option)
- 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 (LCD operation)
⑥ Large LCD with blue backlight
  - Refer to LCD manual for detail
⑦ Buttons
  RESET - Initializes values
  MODE - Switch thermal sensor channels
  SET - Adjusts time and other configuration
  UP / AUTO - Changes fan speed
⑧ USB / MIC / SPK / IEEE1394

How to connect the cables

① POWER LED : Shows status of the the power is on or not.
HDD LED : Shows status of the HDD.
POWER SW : Power switch
RESET SW : Reset switch
(For further details, please refer to the manual of the motherboard.)

② USB Cable : Connect cable to the USB header on the motherboard or I/O panel by the cable type.

③ IEEE 1394 / MIC, SPK :
Identify and find out Audio I/O and IEEE 1394 port in the I/O panel (back side of the case), then connect them to each port.

④ Thermal senser
(Please refer to "Connection 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.)

⑥ Speaker : Connect this speaker to a corresponding header on the motherboard

Installing the parts

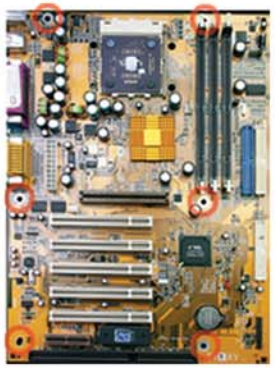
① Motherboard mounting socket – Supporter (Type A)
② Motherboard mounting socket – Supporter (Type B)

Place supporters into the holes indicated by your motherboard's screw holes.

※ Please do not place another holes.
– It may cause damage to your system.

③④ Screw (3.5¢) : Use to secure HDD, PSU, daughterboard's slot and etc.
⑤ Screw (3¢) : Use to secure supporter, ODD, FDD and etc.

type A **type B**



■ When you secure the motherboard in the chassis, please place the washer between the motherboard and the screw.
■ Refer to the location of holes(Red circles) in the right example photo when you place the supporters.

How to install the Thermal sensors

SOCKET 478

SOCKET 370 / 462

The thermal sensors can be attached to any desired heat source such as 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.

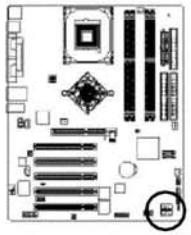
Be careful not to damage the sensor or core during the installation as the sensor may slide onto the core.

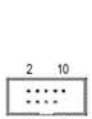
How to install the USB cable (Type B)

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.
①GROUND 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.
②GROUND connects to GND2 or GND.

※ Example (GIGABYTE 8IPE1000)





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

If the standard connector does not work, please connect it using the left one in the picture.

Standardized USB connector can be provided to help assembly for this product

Troubleshooting

■ No power to the system. Power light does not illum... Fan inside power supply does not turn on. Indicator lights on keyboard are not lit.

1. Power cable is unplugged.→ Make sure power cable is securely plugged in.
2. Defective power cable.→ Replace cable.
3. Power supply failure.→ Contact technical support.
4. Faulty wall outlet; circuit breaker or fuse blown.→ Use different socket, repair outlet, reset circuit breaker or replace fuse.

■ USB device connected to the front panel port does not work properly

1. You are using Microsoft Windows 95 or earlier as your operating system.
   → Verify that you are using an operating system that supports HID class USB devices. If not, you need to upgrade your operating system in order to use the USB device that you want to use.
2. The USB device is not a low-powered USB device.
   → Devices connected to the USB port on the front panel must be low-powered devices that consume 150 mA or less of current. Consult the printed documentation provided with the device or contact your hardware manufacturer for more information about your specific device.
3. The connectors are not plugged in its right position.
   → Consult the printed documentation provided with the motherboard or contact your hardware manufacturer for more information about the cable connection.

■ The system runs just fine but LEDs do not illuminate
→ Change the direction of the LED connectors