



WARRANTY

1 YEAR(365DAYS) LIMITED WARRANTY

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(<http://3rsystem.co.kr>).

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.

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How to connect the cables

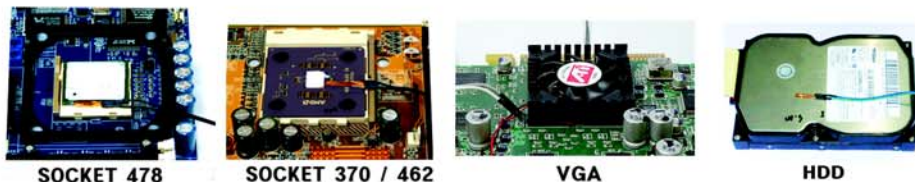
(Type A – MODEL W/O LCD, Type B – MODEL W/ LCD)

- ① POWER LED (Type A)
HDD LED (Type A), HDD+/- (Type B)
POWER SW
RESET SW
* For further details, please refer to the manual of the motherboard.
- ② Thermal sensor (Type B)
- ③ Connector for FAN (Type B) :
Connect the preinstalled 80mm fan to it.
* Specifications may vary with different models. Please be sure of all components for a certain model before the installation or setup.
- ④ Speaker
- ⑤ LCD, Fan Power Connector (Connect with PSU)

Installing the parts

- ① Motherboard supporter : Please do not place any supporter where motherboard's hole is not presented, otherwise it may cause damage to your system.
- ②, ③ Screw (3.5Φ) : Use to secure HDD, PSU, daughterboard's slot and etc.
- ④ Screw(3Φ) : Use to secure supporter, ODD, FDD and etc.

How to install the Thermal sensor

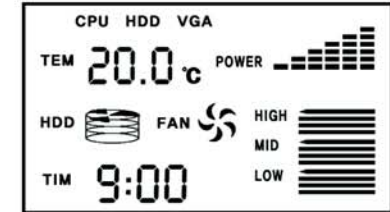


LCD Manual

(only for models w/ LCD)

Functions

- (1) 3-Channel temperature monitoring (10 ~ 90°C)
- (2) Fan-speed Control (Some models excluded)
- (3) Automatic Fan Control (Some models excluded)
 - Below 40°C : Low-speed
 - 41°C ~ 60°C : Mid-speed
 - Over 60°C : High-speed
- (4) Status of Fan/HDD operation is displayed
- (5) Graphical display shows power On/Off status
- (6) Serves as clock



Buttons

- ① RESET – Initializes values
- ② MODE – Switches the temperature displayed on LCD (CPU -> HDD-> VGA)
- ③ SET – Adjusts time and other configurations
- ④ UP AUTO – Changes Fan-speed (Low->Mid->High->Auto)

USB/IEEE1394/AUDIO connectors Installation example

<p>USB</p> <table border="1"> <tr><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr> <tr><td>1</td><td>3</td><td>5</td><td>7</td><td></td></tr> </table>	2	4	6	8	10	1	3	5	7		<p>IEEE1394</p> <table border="1"> <tr><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr> <tr><td>1</td><td>3</td><td>5</td><td>7</td><td></td></tr> </table>	2	4	6	8	10	1	3	5	7		<p>AUDIO</p> <table border="1"> <tr><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr> <tr><td>1</td><td>3</td><td>5</td><td>7</td><td>9</td></tr> </table>	2	4	6	8	10	1	3	5	7	9
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<p>1. ①VCC 2. ②VCC 3. ①-D 4. ②-D 5. ①+D 6. ②+D 7. ①GROUND 8. ②GROUND</p>	<p>1. TPA+ 7. VCC (or 8) 2. TPA- 0. GND (or 3,4) 5. TPB+ 6. TPB-</p>	<p>1. MIC-IN 6. Return R 2. GND 9. Spkout L 3. MIC-BIAS 0. Return L 5. Spkout R</p>																														

* Be sure of the pin arrangement of the socket on your motherboard. You may refer to the motherboard user's manual for the information.

- ☞ Don't place the sensor on the CPU or GPU core.
- ☞ If you put the sensor on CPU core, the sensor can be easily destroyed due to the pressure upon it and the gap between heat spreader/cooler base and CPU core will hinder heat transfer and may result in CPU damage.
- ☞ For Intel CPU, the sensor cable should be placed under the cooler guide to avoid disconnection.