



GH-PSU21-FB

Installation Guide



The cooler fan speed levels provided are for reference use only.
Please refer to the motherboard BIOS to verify actual fan speed levels.

The followings are not covered by the warranty :

1. Use the product incorrectly or in a manner other than the designed purpose.
2. Nonobservance of the proper operation. (e.g. over-clocking)
3. Malfunction due to interference from other devices.
4. Unauthorized modification of the product.
5. Malfunction due to unfit specifications on Motherboard.
6. Malfunction arising from casualties (earthquake, thunder, fire, and flood).
7. The product's warranty label has been removed or damaged.
8. The devices inside, including power supply, hard disk, CD-ROM drive, motherboard, cooler, etc. are not detached from the chassis prior to the transportation of the computer product, resulting in damage to the cooler or computer-related devices.
9. Any damage caused by nonobservance of the installation instruction contained in this manual.

Features

1. Universal design for all LGA775 and AMD AM2 / K8 platforms.
2. Copper core with Aluminum fins provide large heat dissipation.
3. Angular conical airflow ensures maximum cooling of MOSFET areas.
4. Spiraling fin design for increased surface volume ventilation.
5. Omni-directional high-conducting heat pipe for maximum dissipation in any mounted position.
6. Large 120 mm fan with fan speed control cable, for a quiet and effective operation.
7. Easy installation.

Accessories



1) AMD K8 / AM2
Clip x 1



2) 775 Bracket x 2



3) Thermal Grease x 1



4) 775 Bracket screws
x 4



5) Fan Speed control
Cable x 1

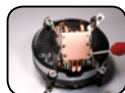
LGA 775 Platform Installation

STEP 1 Apply some thermal grease on the CPU properly.



Caution :
Before installation, please turn off the power, unplug the power cord, and be sure to remove the sticker from the bottom of the cooler unit.

STEP 3



Place the two 775 brackets between the copper base and the cooler unit.
Align the holes of the bracket with the holes of the copper base. Secure the 775 brackets with supplied bracket screws. Make sure the screws are evenly and firmly fastened.

STEP 2 Unlock screws on the AMD bracket and remove the bracket.



Specification

Cooler Dimension : 122 x 125 x 141 mm
Fan Dimension : 120 x 120 x 38 mm
Heat Pipe : 3
Base Material : Copper
Fin Material : Aluminum
Rated Voltage : 12 V
Rated Current : 0.2 Amp
Fan Speed : 2,000 rpm (default) / 1,500 rpm (low speed)
Noise Level : 2,000 rpm, 23dBA (default)
1,500 rpm, 18dBA (with fan speed cable)
Bearing Type : EBR
Fan Life Expectancy : 30,000 hr
Compatible CPU :
Intel® Pentium® Extreme Edition Series
Intel® Pentium® D Processor Series
Intel® Pentium® 4 Processor Series (LGA775)
Intel® Core™ 2 Duo Processor Series
AMD AM2 Series
AMD Athlon™ FX Series
AMD Athlon™ 64x2 Series
AMD Athlon™ 64 Series

STEP 4 Before installation, please make sure the pin is on the right direction (as Figure A).



Figure B



Figure A



To remove the cooler, turn the four pins to the removing direction (as Figure B) and pull them up.

STEP 5



Align the pin of the cooler with the hole of the CPU on the motherboard and push down the pin diagonally.
Please make sure the four pins are firmly secured.

STEP 6

Plug the 3-pin connector of the cooler into the motherboard's CPU fan socket.



If fan speed control is required, please refer to Installation of Fan Speed control Cable.

AMD K8 / AM2 Platform Installation

STEP 1 Apply some grease on the CPU properly.

Caution :

Before installation, please turn off the power, unplug the power cord, and be sure to remove the sticker from the bottom of the cooler unit.

STEP 2



Mount the AMD K8 / AM2 clip on the AMD bracket of the cooler.

STEP 3



Lock the tab on one side of AMD K8 / AM2 clip in the salient point of the CPU cooler.

STEP 4



Lock the tab on the other side of AMD K8 / AM2 clip in the salient point of the CPU cooler bracket; push down and secure the bar on the clip firmly.

STEP 5

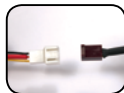
Plug the 3-pin connector of the cooler into the motherboard's CPU fan socket.



If fan speed control is required, please refer to Installation of Fan Speed control Cable.

Installation of Fan Speed control Cable

STEP 1



Connect the 3-pin cooler connector to the white connector of the fan speed control cable.

STEP 2



Connect the other side of the cable to the CPU fan connector located on the motherboard. The original fan speed of 2000 rpm will then drop down to 1500 rpm.