Cooltek „CoolForce 2" CPU cooler for Intel- & AMD-systems

Congratulations for choosing Cooltek „CoolForce 2" CPU cooler.

With purchase of „CoolForce 2" you got one of the most powerful low-noise CPU coolers for HTPC-systems at present. Years of experience and development are the base for „CoolForce 2". We are sure that you will be satisfied with this model for many years.

The outstanding performance of this cooler is based on the „Heatpipe Direct Touch" technology and an ingenious heatsink design in combination with a noise-optimized 100 mm fan.

Three high-end heatpipes (diameter 6 mm) are embedded in the base plate of the cooler. The copper heatpipes are in direct contact ("direct touch") with the CPU surface conducting the CPU heat extremely fast to the aluminum fins of the heatsink. The innovative design offers a very large surface and a fast deduction of the heat.

The extra flat and silent 100 mm PWM fan is controlled by temperature (500 to max. 2000 rpm). The number of revolutions is adjusted automatically to the temperature of your CPU. In the interest of a most possible low noise level the fan is equipped with a special long-lasting hydraumatic bearing in combination with airflow-optimized rotorblades. In addition the fan is mounted to the heatsink noise- and vibration isolated with special rubber bolts.

The cooler comes with universal installation kits for all up to date Intel- (LGA 775, 1366 & 1156) and AMD-platforms (K8, 754, 939 & 940, AM2, AM2+ and AM3).

Please read the enclosed manual very carefully and carry out mounting with caution.
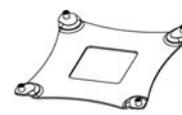
ACCESSORIES

| CPU cooler | Fan | Fan mount (rubber) (4) | Backplate for Intel LGA 775 | Backplate for Intel LGA 1366 | Backplate for Intel LGA 1156 |

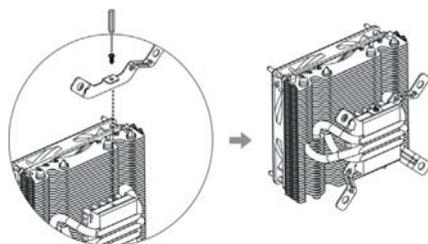| Bolt with spring (4) | Phillips screw (2) | Fitting for Intel LGA 775 (2) | Fitting for Intel LGA 1366/1156 (2) | Clip for AMD AM2/3 (2) | Thermal Grease |

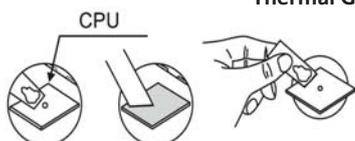## Installation for Intel LGA 775/1366/1156:

Step 1:

Attach the fitting according to the drawing to the heatsink. The bigger fittings are for Intel LGA 1156/1366, the smaller fittings suit to LGA 775.

Step 2:

Apply some thermal grease in the center of your CPU and allocate it carefully and as thin as possible (e.g. using an old credit card). But please notice that coolers based on the "HDT"-technology need more thermal grease than other coolers

Thermal Grease

Step 3:

Take the backplate which fits to your system and put it under your mainboard. Please remove the plastic sheet to improve fixing of backplate.

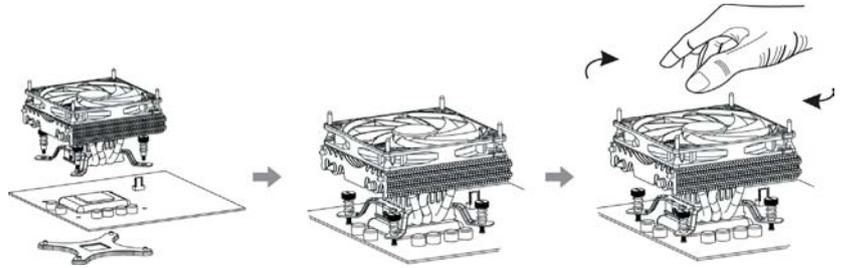**Backplate for Intel LGA 775**

Backplate for Intel LGA 1366
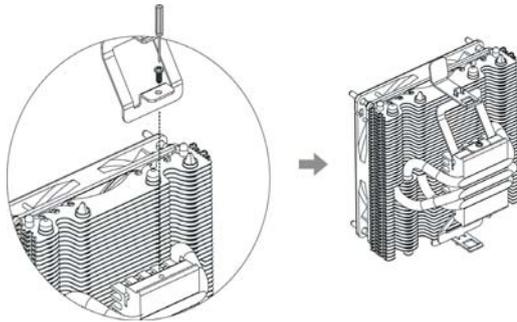

Backplate for Intel LGA 1156

Step 4:

Set the cooler onto the motherboard and screw the cooler with the nuts and the backplate. Test the assembly with pressing a little on each side of heatsink. Ready
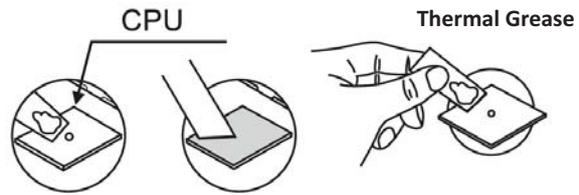

Installation for AMD AM2, AM2+ und AM3:

Step 1:

Attach the two AMD clips with the enclosed Phillips screw according to the drawing.
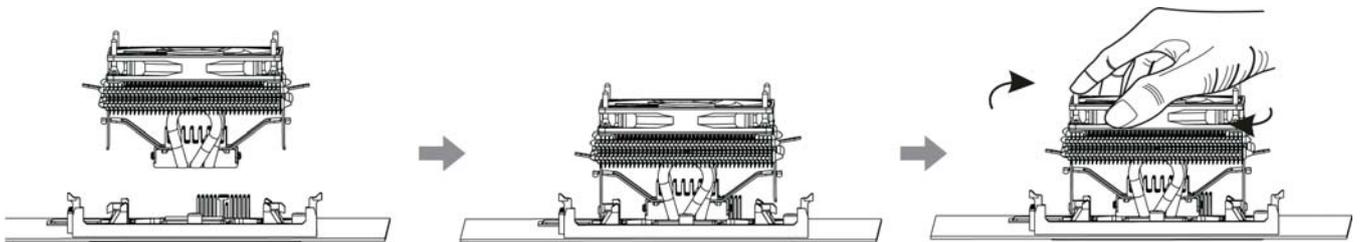

Step 2:

Apply some thermal grease in the center of your CPU and allocate it carefully and as thin as possible (e.g. using an old credit card). But please notice that coolers based on the "HDT"-technology need more thermal grease than other coolers.
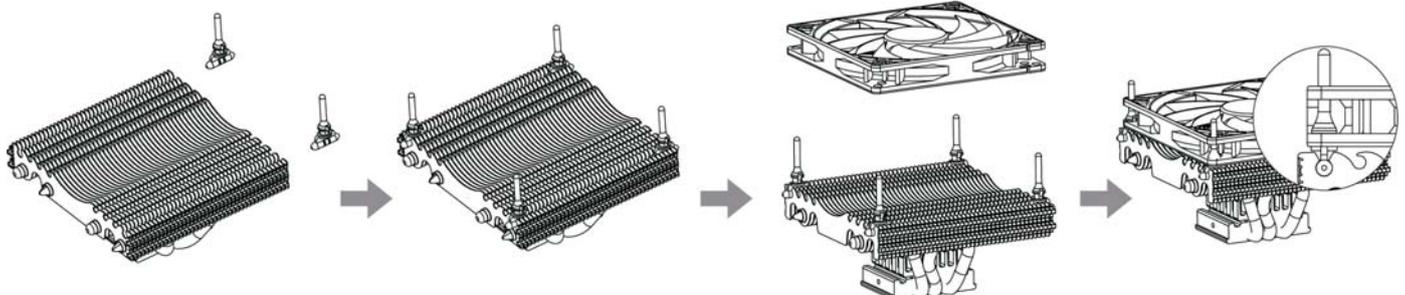

Step 3:

Set the cooler onto the CPU. Hook one of the clips into the bracket of the mainboard. Take the second clip and hook it into the opposite side of the frame. Make sure that the clips are hooked in properly and test the assembly with pressing a little on each side of heatsink. Ready

Fanmounting:

Put the 4 rubber bolts between the fins of the heatsink. Justify the bolts into direction of the mounting holes of the fan supplied. Put the fan onto the heatsink and pull the rubber bots carefully to the holes of the fan carefully until the fan is fixed properly. The fan should blow into direction of heatsink. The arrows on the fan frame help to find the right orientation.

Start-Up:

Assembling of Cooltek "CoolForce 2" is completed. Please check proper function of fan and check CPU-temperature using your mainboard or suitable monitoring software when starting your PC in order to avoid any damages.