

# Instructions on how to assemble a cooling fan for standard CPU LGA775

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A computer processor (CPU) requires a specially designed heatsink and fan assembly to ensure optimum temperature conditions and performance. The cooling fan is usually packaged with the CPU, if you want to replace it with another fan, make sure it is compatible with the CPU and mainboard you are using. This article will show you how to assemble a cooling fan for the LGA775 standard CPU.

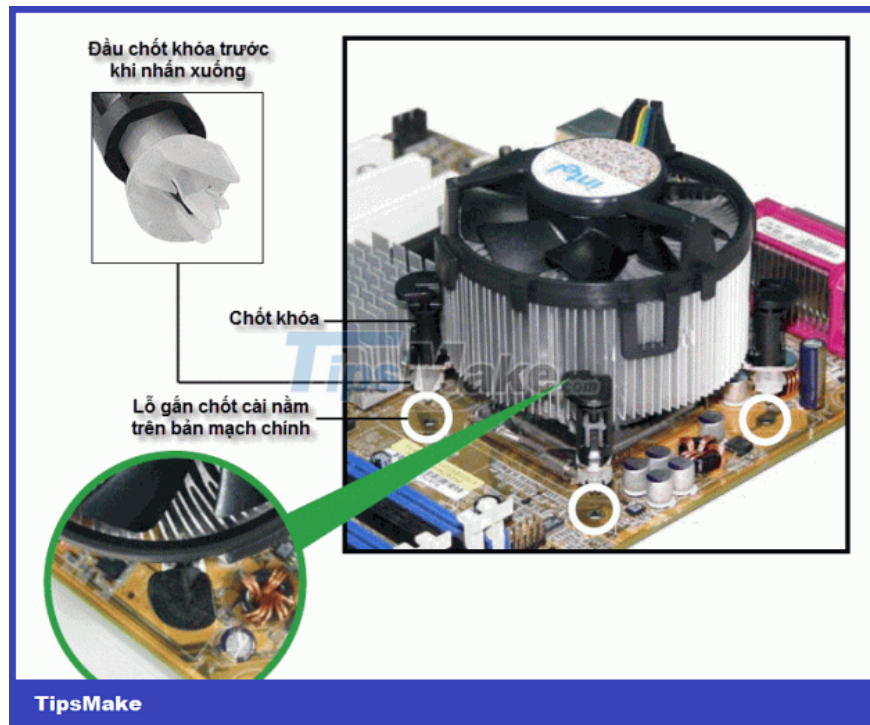
## Preparation steps before assembling the CPU cooler

1. Assemble the CPU into the slot. (See instructions on how to assemble the CPU into the standard LGA775 mainboard)
2. Check if the cooling fan has a heatsink available, if not, find it at any computer parts store and see the instructions on How to use the CPU cooler)

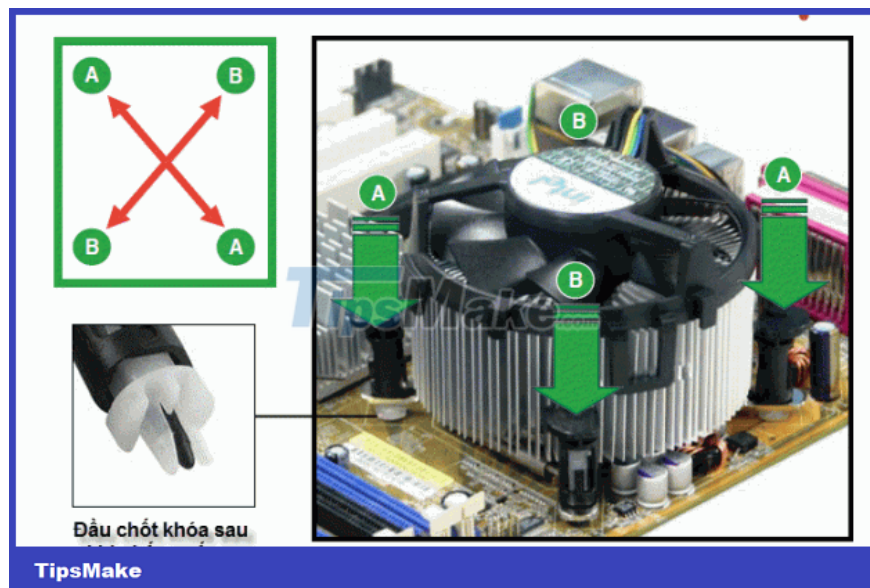
In some documents, it is said that the Mainboard should be installed in the chassis (case, computer case) before attaching the cooling fan. However, in some cases, if you install the Mainboard into the case first, you will have difficulty assembling the fan, especially not checking that the latches are attached correctly and the heat sink surface is close to the back of the CPU or not. .

How to assemble the cooling fan into the standard LGA775 . mainboard

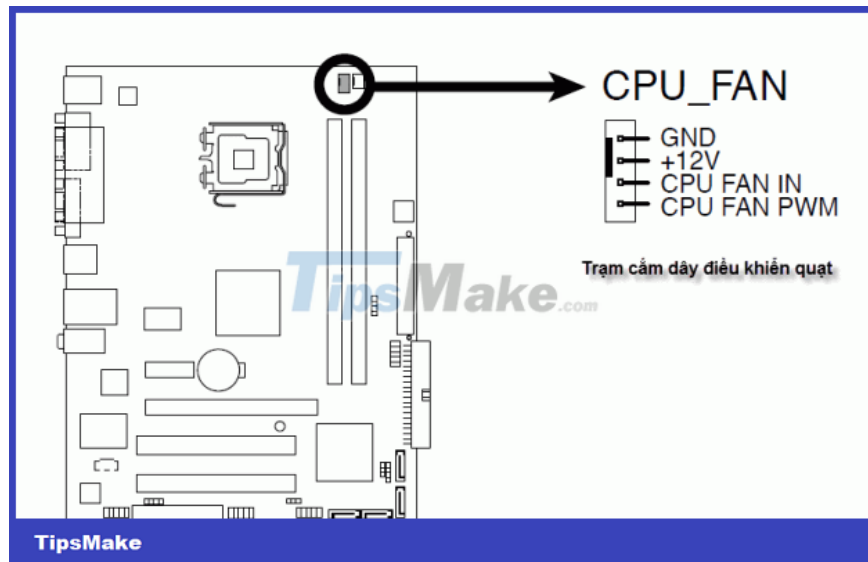
Place the cooling surface of the fan against the back of the CPU. Make sure the fan lock pins are in the correct position of the holes on the motherboard.



Place the cooling surface of the fan against the back of the CPU  
 Press the two locking pins that are diagonally across each other at the same time into the holes on the Mainboard to make sure they don't move. Do the same thing again with the other two latches.



Press the locking pins diagonally down into the holes on the Mainboard  
 After the cooling fan has been fixed to the Mainboard, please plug the fan control wire into the socket on the Mainboard with the symbol **CPU\_FAN** .



Plug the fan's power cord into the docking station on the motherboard

## Notes when assembling the cooling fan on the Mainboard

1. Rotate the fan so that the fan control wire is in a convenient position to connect to the mainboard docking station.
2. The locking pins before installing the fan must be in their correct position or you will not be able to attach it to the holes on the motherboard.
3. When inserting the locking pins into the holes on the mainboard, be careful not to bend or break the plastic (white) pins.
4. After assembling the fan, flip the back of the motherboard to check if the locking pins are properly attached and secure the fan, if not, remove the fan and reattach it.

If the fan assembly is not technically correct, the surface of the cooling fan will not make good contact with the CPU, leading to the phenomenon of being suspended (stuck) when operating due to overheating.

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