

Are cooling pads effective? How to use a laptop cooling pad extremely quickly

Are cooling pads effective? How to use a laptop cooling pad in detail and correctly to ensure long-term machine life.

For office workers and gamers who regularly use laptops, the situation of the computer heating up due to continuous operation is certainly not unfamiliar. At this time, you need a cooling pad to cool down, which is extremely necessary because the machine temperature is too high, which will reduce the machine's performance, stop suddenly, reduce its lifespan or directly affect the user's comfort. Many people wonder if the cooling pad is effective? Let's find the answer in the article below.

Structure of the heat sink

You can choose a cooling pad based on the weight of your laptop. For plastic pads, you should avoid thin ones. If your laptop weighs more than 2kg, you should choose aluminum, which also helps dissipate heat faster than plastic.

Between high-end docks and regular ones, their operating principles will be different, passive cooling or will automatically turn on/off when there is a change in temperature, **the laptop** heats up. With passive docks, you will need to plug them into a power source and let the cooling fan work continuously, and this is often not very good for your laptop battery, long-term use will reduce its lifespan.

In contrast to cooling pads with automatic cooling mode, their principle is that they will operate when there is a temperature difference, the laptop gets hotter, the cooling unit will automatically turn on. After the laptop cools down, the pad will automatically turn off the power and temporarily stop working.



A passive laptop cooling pad provides minimal cooling by reducing heat. It is essentially a highly efficient thermal conductor that allows the cooling pad to absorb heat from the laptop and dissipate it into the air. Passive heatsinks are like CPU heatsinks, passively dissipating heat into the air and away from sensitive components.

Is the cooling pad effective?

If you are wondering whether a **cooling pad** is effective or not, the answer is yes if you need to work on your computer continuously every day for a long time. A laptop cooling pad will help reduce the temperature of the CPU and components, helping to increase the life of your laptop and improve your work performance.

According to a very detailed and scientific test on NotebookCheck (a laptop website) about whether using a cooling pad reduces the temperature of a laptop or not, the result is quite surprising: the average CPU temperature after placing the computer on the cooling pad decreased by 12 degrees.

Through that, we can see that the laptop cooling pad works really effectively in reducing the temperature of the CPU while in use. So if you ask me whether to buy a laptop cooling pad or not, I think this device is worth the investment.

Which laptop cooler should I buy?

Active cooling is always the most efficient. Choose a cooler with multiple fans, preferably 3 or more. However, if you don't like noise, consider this. Depending on the quality of the fans, the volume of noise can interfere with your workspace.



How to use laptop cooling pad extremely fast

After finding out if the cooling pad is effective, you need to know how to use the laptop cooling pad extremely quickly and safely through the steps below.

- Prepare:

+ 1 long power outlet.

+ 1 connector to the power outlet for convenient laptop charging and cooling dock socket.

+ Heat sink.

+ USB phone charger.

Note: You should not plug directly into the USB port, using it for a long time can cause the USB port to melt, the device will emit more heat, and become hotter.

- How to use laptop cooling pad:

+ Step 1: Open the support bar to create space between the bottom of the base and the table surface to help the steam escape faster. The heat from the laptop is sucked out.

+ Step 2: Plug the cooling pad's plug into the charger in the way to use a laptop cooling pad. Flip it over to dissipate heat and then place the laptop on the cooling pad.

+ Step 3: Plug the battery charger and laptop charger into the power outlet

Above is the answer to the question of whether a laptop cooling pad is effective to best support your laptop. You need to know these effects to be able to choose the most satisfactory product. Hopefully, the sharing of **TipsMake** computers has helped you know clearly whether a laptop cooling pad is really effective. For any questions, please contact hotline **19001903** for the best advice and support.

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