

Top 8 best heat sinks for laptops

Below is a list of the best heat sink models for laptops, as well as the best selling heat sinks (low to high ratings) for your reference.

As we all know, today's cooling systems on laptops often work quite well, but still don't "lose" when you perform too many heavy tasks in the long run. The fact that the laptop is overheated in addition to making the machine's processing capability worse, also leads to rapid wear and tear on the life of the electronic components embedded in the machine. So using heat sinks is an economical method but equally effective in limiting the overheating of a laptop. But on the market today there are countless types of heat sinks from many different manufacturers and spread across all price segments, so how can we choose for ourselves the right equipment unify? This article will give you a list of some of the best selling laptop heat sinks in the market, as well as their features and performance in practice so that you can choose from. give me the most suitable equipment.

Below is a list of the best heat sink models for laptops, as well as the best selling heat sinks (low to high ratings) for your reference.

8 heat sinks worth considering

1. 8. New Tree Bee Cooling Pad TNB-K0025
2. 7. Aicheson Laptop Cooling Pad Chill Mat S-18
3. 6. Slim Aluratek USB Laptop Cooling Pad ACP01FB
4. 5. Thermaltake Massive TM Notebook Cooler
5. 4. TopMate K5 Gaming Laptop Cooler
6. 3. Targus Lap Chill Mat AWE55US
7. 2. CM Storm SF-17 Gaming Laptop Cooling Stand
8. 1. Kootek Cooler Pad Chill Mat 5
9. Compare the test results of the heat sinks
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8. New Tree Bee Cooling Pad TNB-K0025

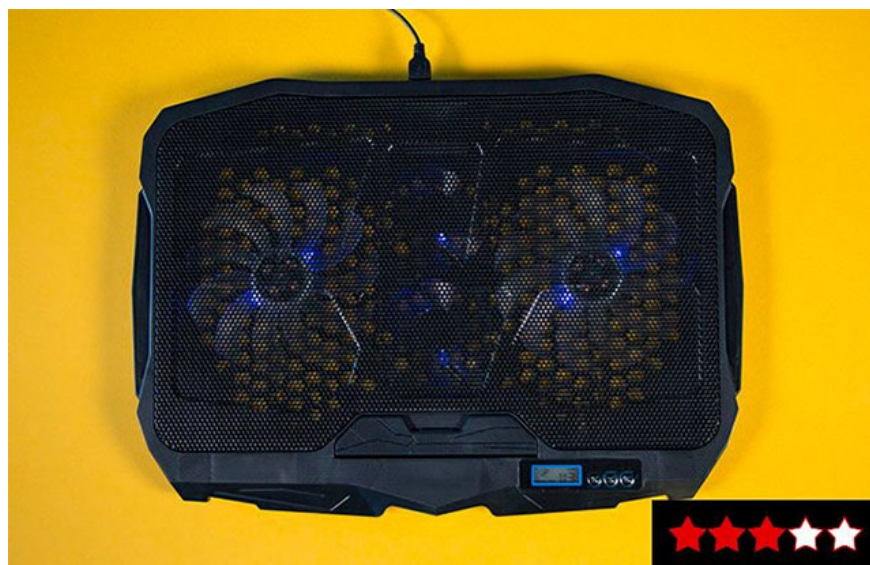


You may not have heard of Tree New Bee, but the company's cooling and cooling devices are of good quality. For example, this TNB-K0025 model can help reduce the average outside temperature by 11 degrees F and lower the internal temperature to 18 degrees Fahrenheit, making it one of the best cooling devices under the conditions of use. practical use.

However, one point deducted from this device is that it makes a rather annoying clicking sound, most likely this phenomenon occurs because the frame design is not good enough to make the fan make a noise when spinning. In addition, the feature set on the device is also quite simple, with an extra USB port and adjustable stand with two height settings.

Tree New Bee Cooling Pad TNB-K0025 cost about VND 2 million.

7. Aicheson Laptop Cooling Pad Chill Mat S-18



Aicheson is not a familiar name in the field of manufacturing computer accessories, but their Chill Mat S-18 model is one of the best selling laptop heat sinks on Amazon. This is mostly because this model is priced quite soft, only about 20USD, but not so that we can underestimate the features of S-18. This heat sink can adjust fan speed, support some advanced settings and even have a convenient display screen, and glow lights for decoration.

However, the screen on this device is not very good, is quite difficult to read, and smart settings such as the automatic mode to adjust the fan speed according to the temperature emitted from the machine are not really available on the device. This Chill Mat S-18 is designed for laptops from 10 to 16 inches. In terms of connectivity, it has two USB ports, one for plugging the USB power cord and one for the second connector, so you can still connect to the flash drive.

Aicheson Laptop Cooling Pad Chill Mat S-18 is priced at nearly VND 500,000.

6. Slim Aluratek USB Laptop Cooling Pad ACP01FB



The Aluratek Slim ACP01FB USB heat sink uses a simple, traditional design. This device cannot adjust the stand height and is connected via a USB port integrated into the power plug. The design of the ACP01FB consists mainly of black metal mesh, the bottom is a 127mm fan with green light emitting lamp. Because of its compact design, portability will be one of the factors emphasized on this product, but the most important thing is that its overall performance and cooling is not as good as some competitors. Different from the same segment.

Slim Aluratek USB Laptop Cooling Pad ACP01FB is priced at nearly VND 600,000.

5. Thermaltake Massive TM Notebook Cooler

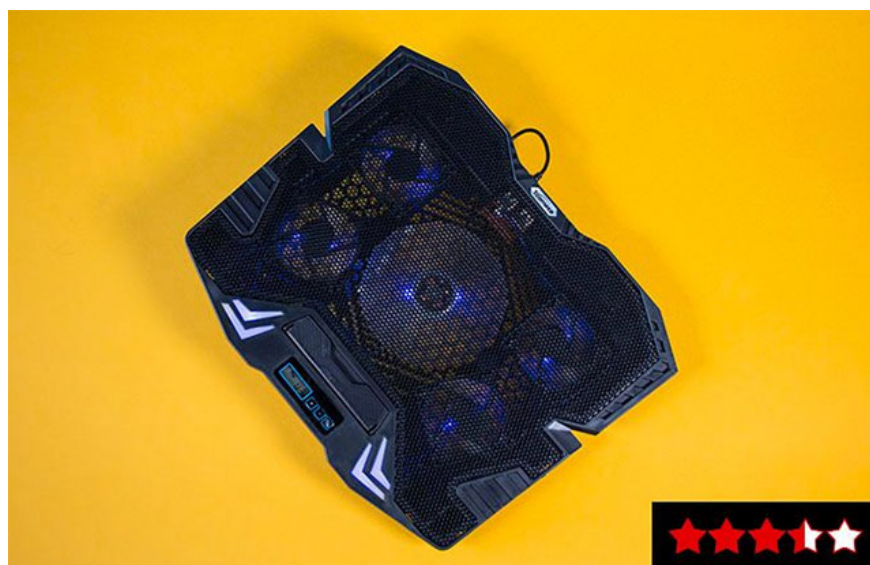


While most low-cost heat sinks often come with a simple design, the Thermaltake Massive TM has the opposite design principle. The highlight of this product is that it has a very 'stone-shaped' design and possesses features that competitors in the same segment can hardly get. TM stands for temperature monitor, because this cooler has four temperature sensors that work just like the temperature measurements of a laptop bottom.

Thermaltake Massive TM has an automatic mode that uses the temperature data obtained from these sensors to adjust the speed of the fan when the laptop temperature rises too high and actually tests with infrared thermal cameras. It showed that these sensors operate with fairly high accuracy. Another plus in Thermaltake Massive TM's design is that it uses an aluminum grille instead of a regular perforated metal mesh, for more efficient heat dissipation.

Thermaltake Massive TM Notebook Cooler is priced at approximately VND 800,000

4. TopMate K5 Gaming Laptop Cooler



TopMate K5 gaming laptop cooling pads look very much like some of the other products on our list, with symmetrical angled designs and blue LEDs that seem to be made to decorate and make Enhance 'gaming' for the device. The five cooling fans of TopMate K5 can be used in combination in different setting modes to increase or decrease the total airflow generated, and a support bar allows you to set and adjust angle modes and different heights. With 53decibel noise generated when 5 rotors spin at maximum capacity, TopMate K5 is one of the devices that make quite a loud noise. However, don't worry too much, it's still quiet enough for you to make a conversation, communicate normally with the person nearby without having to speak too loudly.

TopMate K5 Gaming Laptop Cooler has a selling price of about VND 300,000

3. Targus Lap Chill Mat AWE55US



Targus Lap Chill Mat AWE55US is not the best cooling product we can find in the price segment, in fact, it can only reduce the internal temperature by a few degrees. But the AWE55US is powerful in its compact design, which can be used flexibly in many places. For example, many people who have a habit of putting laptops on their lap to work, with these big, thick heat sinks, are impossible, but with the AWE55US it is too simple. The AWE55US wedge-shaped stand feet have an open face for air flow to be rotated and covered with a synthetic rubber layer that feels comfortable to use in many different surfaces. Many hot issues have been noted when putting laptops on blankets or pillows for normal use, so Targus is AWE55US one of the best solutions we can use to deal with. Common overheating problems are often found.

Targus Lap Chill Mat AWE55US is priced at around VND 800,000.

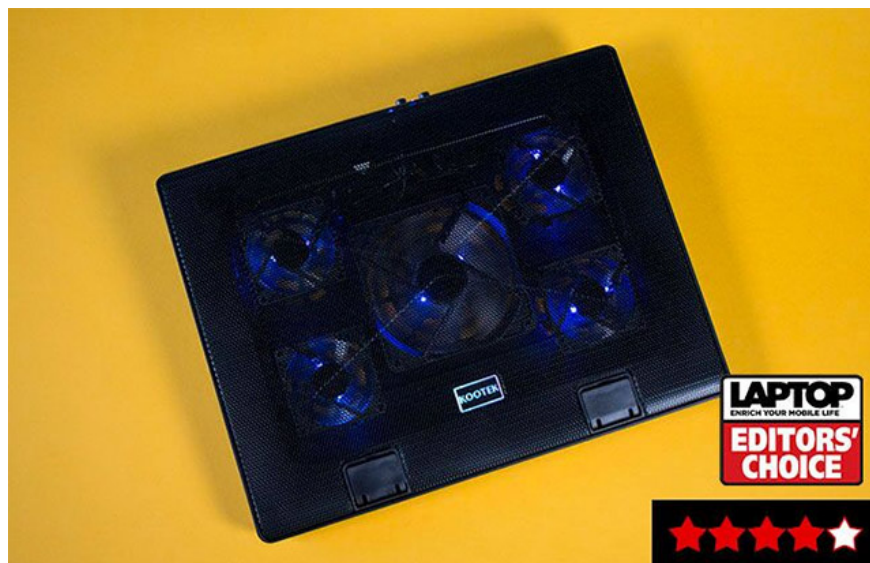
2. CM Storm SF-17 Gaming Laptop Cooling Stand



The CM Storm SF-17 is manufactured by a brand that specializes in gaming devices, Cooler Master, so the aesthetic and coolness factor is something that doesn't need to be discussed much on this product. Thankfully, most of the aesthetic elements on the CM Storm SF-17 have functional uses, not simply for beauty, such as in height adjustment, for easy movement. This cooling dock has a total of four built-in USB ports, along with a stepless rotary switch to adjust the fan speed and an adjustable red (relatively bright) LED strip can be turned on and off flexibly. CM Storm SF-17 180mm single fan provides good internal and external cooling capability for laptops up to 19 inches in size.

The CM Storm SF-17 is priced at about 1 million VND 300,000.

1. Kootek Cooler Pad Chill Mat 5



Kootek Cooler Pad Chill Mat 5 only has a single USB port, no additional ports, but its cooling capability easily surpasses most competitors in price range. The internal temperature dropped by more than 30 degrees Fahrenheit (the average result is a combination of various tests and different types of laptops), and the outside temperature

decreased by about 11 degrees F. And that's why Why does this product occupy the top position in our list?In addition, Kootek Cooler Pad Chill Mat 5 has the flexibility to adjust from 0 to 25 degrees, along with a 3-year warranty enough to confirm the excellent durability of the product.

Kootek Cooler Pad Chill Mat 5 has a selling price of about 1 million 600 thousand dong.

Compare the test results of the heat sinks

Test results

Change internal temperature (degree C)

Change the outside temperature (degree C)

Change Dirt 3 FPS

Change Geekbench (%)

Noise level

Kootek Cooler Pad Chill Mat 5

-31.8

-11.7

+23.4

+ 0.5%

54dB

CM Storm SF-17

-10.2

-6.3

+28.7

+ 0.7%

50dB

Targus Lap Chill Mat AWE55US

-1.2

-5

+24.7

+ 1.10%

50dB

TopMate K5 Gaming Laptop Cooler

-18

-10.7

+25.3

+ 1.50%

53dB

Thermaltake Massive TM Notebook Cooler

-15

-9.7

+20.8

+ 0.2%

51dB

Slim Aluratek USB Laptop Cooling Pad ACP01FB

-1.8

-9.3

+16.7

+ 1.2%

50dB

Aicheson Laptop Cooling Pad Chill Mat S-18

-19.8

-5.3

+ 9.8

+ 0.8%

48dB

Tree New Bee Cooling Pad TNB-K0025

-18

-11

+25.3

+ 1.1%

52dB

Specifications of heat sinks

Technical specifications

Size & Weight

USB port number

Adjust angle

Speed ??adjustment

Guarantee

Kootek Cooler Pad Chill Mat 5

14.96 x 11.81 x 1.38inch, 1.18kg

2

6 settings, from 0 to 25 degrees

Have

3 years

CM Storm SF-17

18.5 x 12.9 x 2.2inch, 1.92kg

4

4 Settings, from 0 to 28.5 degrees

Have

2 years

Targus Lap Chill Mat AWE55US

15 x 11.75 x 1inch,

1.2kg

0

0

Is not

1 year

TopMate K5 Gaming Laptop Cooler

13.8 x 11.8 x 1.6inch, 1.13kg

2

5 settings, from 1 to 22 degrees

Have

Is not

Thermaltake Massive TM Notebook Cooler

15.35 x 10.9 x 1.94 inches, 0.83kg

2

3 settings, from 3 to 14 degrees

Have

3 years

Slim Aluratek USB Laptop Cooling Pad ACP01FB

14.25 x 11 x 2 inches, 0.64kg

first

Is not

Is not

1 year

Aicheson Laptop Cooling Pad Chill Mat S-18

15.35 x 11 x 1.1 inch, 0.82kg

2

5 settings, from 0 to 23 degrees

Have

1 year

Tree New Bee Cooling Pad TNB-K0025

16.06 x 10.94 x 1.14inch, 1kg

2

2 settings, from 3 to 13 degrees

Have

1 year

Wishing you all the right products!

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