

Does the laptop burn itself?

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Up to now, although no laptop in Vietnam has fallen into this situation, once again, customers are in a state of confusion about the safety of high-tech electronic devices.

Dell Laptop Explosion event is also a warning about the problem of heat dissipation for Laptops, especially during Laptops with working time up to 10 hours per day for applications that require large power consumption such as gaming , listen to music, watch movies and run graphics software.

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Fire prevention than fire fighting



When choosing to buy, customers only focus on style, weight, configuration, and processing speed, with little attention to the laptop temperature specification given by the suppliers. Meanwhile, the majority of current

Laptops are for the market with many temperate and tropicalized climate. The method of placing and controlling machine temperature is not properly regulated.

At the same time, the use of second hand batteries (there are many in the electronic market of Hung Vuong Street) and the unidentified portable smuggled batteries with the target and specifications are not very important. performance as well as laptop temperature.

In particular, battery status is becoming more and more popular. Replace the damaged battery cells inside and then use the new heat press again. This is easier to implement and less expensive than having to replace it.

However, according to Mr. Nguyen Quang Minh Nhat, owner of Lap Viet shop (Dien Bien Phu, Ho Chi Minh City), in addition to the cells, the battery also has electronic circuit to process information of charging into the machine. If the cell replacement technique is not good, the circuit will fail, unable to manage the charging time, do not disconnect the power when the battery is full, and eventually cause damage and is easy to explode.

Although Dell believes that the exact cause has not been found yet, the electronics experts claim: battery, battery and overheating errors are the main causes of Laptop explosion.

This is evident, in the past year, both HP and Dell have reclaimed a large number of highly explosive machines due to battery problems. In the immediate future, according to Dell's recommendation, if there is an unusual sign of an abnormal heater for a short period of time.

Battery power or "flickering" in the style of loading a lot but collecting less, not used for a long time, should go to the fan test center and life expectancy as well as battery quality. Old or broken batteries, it is best to replace genuine goods. On top of that, it is very dangerous to put the machine on your lap

"Three targets" fans are effective

How much temperature is appropriate, how much is worrying and how to monitor the "body temperature" machine? Those are common questions on Laptop forums. Currently the laptop temperature measurement software is widely used and proved compatible with most models and operating systems: PC Wizard (Download at: www.cpubid.com/pcwizard.php). Depending on the high and low configuration in the machine, the program will show the temperature of 3 parts: Chip, HDD and Mainboard (low-configuration machine will not display the temperature of the motherboard).

According to experts, the ideal temperature is always at 35-40 degrees C. The slightly older model is in the range of 45-50 degrees C is acceptable. Exceeding the 60-degree threshold, you need to investigate. In particular, you should note the condition of the heater, attached with Dump Ram notice and hang up. Now turn off the device. Wait for the machine to cool down and restart it to check.

In addition to temperature monitoring, fan operation mode should also be considered. Listen to the engine sound, check the fan on the underside of the machine. The fan has a problem, the phenomenon is that the device is very hot even though it has only been started for about ten minutes, not hearing the fan running.

Besides the PC Wizard program, it is necessary to take advantage of the cooling process provided by the manufacturer. Go to *BIOS* -> *Advanced Setting* -> *Device Option* , turn on the " *Fan always on when using AC Power* " function.

Here, select Always on mode to keep the fan running continuously, this mode is especially suitable for machines

with high working density. Or select Automatic automatically so that only when the machine starts to heat up, the fan will operate. This way will cost less battery but remember to check the temperature of the machine to have a solution. Depending on the model, configure the support to find the appropriate cooling application.

Another cooling method is proved to be very effective, loved by many customers, the laptop stand with 3 cooling fans, using the laptop's power via USB port, the heat sink is quite convenient. Chinese goods cost about US \$ 10-20 with various models.

The base is designed to fit the machine, easy to remove and fit all terrain: on tables, mattresses, chairs . With additional support of the base, the machine temperature is significantly improved. Working for a long time, the temperature only fluctuated around 30 degrees Celsius, even lower for the new generation of machines, in a cold room working environment, a few programs running, a clean mode. Disk cleanup and virus scan regularly.

People

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