4 solutions of 'fire-fighting' laptops

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Multi-core CPUs, high-end graphics cards, and high-speed hard disks have propelled new laptop systems, but this has turned the laptop into a giant heat sink. Here are some solutions to help you 'cool down' your laptop .

Bi listed Snapball machine

Often the heat sinks for laptops are divided into two groups: passive and active. While the proactive types have more features and more efficient operation, they consume a lot of batteries, not to mention mobility is not high. Therefore, users tend to choose passive solutions when moving - but Snapball ball is a good example. They are simply two half-hemispheres with magnets attached to the base to increase the air intake for the laptop's cooling fan. This solution proved quite effective and inexpensive. In addition to the inventories, some carriers also offer thermal pads such as Thermaltake's iXoft or Belkin's Coolstrip.

Heat sink

This is the most popular thermal solution. These types of heat sinks not only have a cooling role, but they also help your laptop expand communication ports such as USB, IEEE1394 . Typically, manufacturers have a dedicated product line for their needs. fixed on the desk or models for mobile purposes. You can choose one of them according to your needs, but remember that this type of heat sink will consume more battery power that is often inappropriate when the battery is powered by a laptop.

Additional fan

Some products like NB-MA1 of Evercool allow to improve the cooling capacity of integrated fan system in laptops. It is merely a support fan attached to the heat sink slot of the machine to increase air transport capacity. Typically, these products are compatible with most of the most compact and so-called models, so you can fit into any empty compartment on your laptop bag.

Replace hard drive with SSD

This is an effective and comprehensive solution that is also costly. SSDs have no mechanical moving parts so they emit very little heat during operation. Therefore it will reduce the heat generated inside the laptop shell. Meanwhile, SSDs offer higher speeds, are more durable than external physical impacts. The only problem here is that the price is still too expensive.

In general, cooling for laptops plays a very important role to ensure smooth operation of the system. You can depend on your specific needs and conditions to choose one of the other solutions. If you have financial conditions, you can combine them to achieve greater efficiency.