

Thin and light laptops can't lack SSDs

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The emergence of solid-state storage devices in a series of ultra-light notebooks from Dell, HP, Acer, Lenovo . this year makes the user gradually default SSD will always go along with mini laptops (netbooks)

The SSD made a big breakthrough when Apple equipped the MacBook Air fashion line, followed by Asus using a 40 GB drive in the Eee PC for less than \$ 700.



Portege R500-S5007V. *Photo: Toshiba* .

Hewlett-Packard introduced the EliteBook 2530p using Intel SSD 80 GB and Dell in early August released E4200 128 GB. Lenovo is the latest company to join the thin and light computer market with IdeaPad S10 and 4 GB SSD. Toshiba claims the Portege R500-S5007V weighs only 1.07 kg due to not using a hard drive.

The first generation solid-state drive makes the MacBook Air price higher than the hard drive version of nearly \$ 1,000, although the capacity is only 64 GB. But after only one year, SSD has had positive changes. Dell recently added this 120 GB drive to the XPS M1530, which costs only 450 USD more.

Solid-state storage devices are also being actively promoted by game manufacturers in the field of games. Last week, Intel demonstrated the X25M drive with a speed of 7,200 rpm, equivalent to a 500 GB Seagate Barracuda hard drive. In addition, this product can perform 44,000 IOPS (number of input orders - every second) while Seagate's HDD only reaches less than 550 IOPS.



Area-51 M15x m5550. *Photo: iTechNews* .

" SSD is the best choice for gamers who need strong performance because they shorten data download time and bring higher access speeds ," representing Dell's Alienware gaming computer division. said when introducing SSD for Area-51 M15x (higher price than 500 USD compared to HDD system).

However, in Vietnam, for laptops that choose between SSD and HDD, the majority of consumers still decide to buy a hard drive product because SSD prices are up to 8 USD / gigabyte.

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