

## Netbook is sluggish in front of a low-cost notebook

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Acer started erasing the gap between netbooks and notebooks when it introduced the Aspire Timeline AS1810T with an 11.6-inch screen, a 16: 9 ratio of 1,366 x 768 pixels resolution, 2 cm thick and weighing 1.36 kg.

The product is equipped with Core 2 Duo SU7300 (1.3 GHz), 4 GB RAM, 320 GB hard drive and standard Wi-Fi connection. Timeline AS1810T uses Windows 7 Home Premium, has a long battery life equivalent to netbooks: over 8 hours, double the standard laptop and sells for 599 USD.



Aspire Timeline. Photo: *Acer* .

Meanwhile, the Acer model, the Aspire One 10.1-inch, is priced at \$ 350 with a single Atom N280 chip, 1 GB of RAM, a 160 GB hard drive and Wi-Fi 802.11 b / g. The price of the Aspire One is cheaper than the Timeline, but the actual configuration makes buyers feel anxious when choosing.

Experts are also publicly criticizing netbooks. Intel CEO Paul Otellini said netbooks "contribute only" rather than being a key factor in boosting laptop sales. Dell's Michael Dell also strongly criticized netbooks with screens that were too small and performance was not acceptable.

The view of Dell's founder is not as harsh as Apple's Tim Cook once claimed netbook is "junk", but shows even companies participating in this market (Dell, Intel . .) also do not appreciate the product.

However, the appearance of a low-cost notebook like the Timeline (called ultrathin) also makes existing computers overlap. Intel claims that laptops with screens larger than 10 inches are not considered netbooks, but manufacturers still increase product sizes to 11.6 - 12 inches to compete.

In other words, laptops with 11.6 - 12-inch screens can be netbooks, ultrathin or ultraportable. Bob O'Donnell, vice president of IDC Research, said ultrathin will dominate netbooks thanks to a higher configuration, while threatening ultraportable when sold at a moderate price.

**Netbook Ultrathin Ultraportable** Price Under 500 USD 400-800 USD 1,200-4,000 USD Chip Atom low performance Dual core Pentium, Core 2 Duo, AMD NeoCore 2 Duo High-performance Graphics Average discrete graphics or integrated Disciplined or integrated graphics Do not No (majority) Yes ( usually drives .

### **Some cheap laptops use Windows 7**



Gateway EC1410U uses a 743 processor Celeron M ULV chip (1.3 GHz, 1 MB cache) - more powerful than Atom, equipped with 64-bit Windows 7 Home Premium, 2 GB RAM, 250 GB hard drive and only \$ 399.



Toshiba Satellite T135-S1309 costs 549 USD, works with Windows 7 Home Premium 32 bit, Pentium core chip, 3 GB RAM, 320 GB hard drive.



Gateway also introduced the LT2030U netbook (349 USD) using Atom N270 chip, 1 GB RAM, 250 GB hard drive, 10 inch screen, Windows 7 Starter (DVD support, multitouch and Aero interface are not supported).



Dell released the Inspiron I1545-4203JB 15.6-inch screen, 2.16 GHz Intel Pentium T4300 dual-core chip, 3 GB RAM, 250 GB hard drive, 64-bit Windows 7 Home Premium and costs only 499 USD.

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