

AMOLED challenges Macbook AIR in terms of thinness

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AMOLEDs use self-emitting diodes to eliminate the need to use back-lighting (back-lighting) - which means there is no need for a rear-mounted device. Thereby significantly reducing the 'thickness' of the entire product.

Not only that AMOLED technology is also rated as having brightness, clear image, higher contrast and a larger viewing angle than the current LCD screen technology. This is also the technology that is expected to be widely applied on next generation screen products in the future.



Currently AMOLED technology has been applied on a number of high-end digital cameras and mobile phones. Most of these are small-sized screens. Samsung aims to produce larger screens by 2010.

Samsung's prototype uses a 12-inch AMOLED screen that achieves a maximum resolution of 1280 x 768.

Samsung announced that next year it will launch additional tests other than 14-inch or 15-inch screens.

In addition, the keyboard on the prototype is replaced with a touch-sensitive keyboard - an additional factor that significantly reduces the size of the laptop.

Thus, if successfully applied to the new display technology, Samsung's notebooks will certainly be slimmer and lighter than Apple's new MacBook Air.

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