

How the laptop is called ultrabook

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Thin:

In fact ultrabook has no limit on screen size, but they must keep the overall size and compact weight set by Intel. Just need to achieve thinness and weight below the specified level, any product as long as there are keyboards and monitors sticking together can be considered ultrabook.



Dell XPS 13

Dell XPS 13 13.3-inch screen, thin 18mm or **HP Specter 14-3210nr** 14-inch, thin 21mm screen and **Lenovo IdeaPad Yoga 13** Convertible, computer shape is 23mm thick but can still be considered ultrabook.

Battery life:

The first ultrabooks have 5 hours of battery life. This year the standard was raised to 9 hours, ensuring users get ultrabook 'service' for 1 shift. More and more ultrabooks have better battery life, for example **Samsung Series 9 NP900X4C** can operate continuously for 10 hours.



Samsung Series 9 NP900X4C

Efficiency:

Ultrabook is designed to ensure good performance but still retains its slender appearance. To be like that, there are not many hardware options for manufacturers. All thin and light laptops must be equipped with the latest generation **Intel Core processor** at the time of the new launch which can be called ultrabook.

Ultrabook also often use solid-state drives instead of HDD. SSDs are faster, smoother, lighter and cooler than HDD drives. Thanks to the SSD, ultrabook can boot quickly from hibernation in 7 seconds.



Toshiba Portégé Z935-P300

SSD drives are not mandatory standards, but they are used more and more on ultrabooks because of the above advantages. The price of SSDs has also started to decline, boosting their popularity by manufacturers. The ultrabook product uses a typical SSD, including the **Toshiba Portégé Z935-P300**.

Hardware:

Ultrabooks don't have any special connections beyond the standard. Most modern, ultrabook will have at least 1 **USB 3.0** port or **Thunderbolt** to ensure high data transfer rates.

Another connection is also gradually popular though not compulsory standards on ultrabook is **WiDi** (Wireless Display). WiDi allows you to create images, movies and other content from ultrabook to play on TVs that support WiDi.

Management and security:

Ultrabooks are not aimed at a specific user. But the good news is that ultrabook is equipped with advanced security features that can be used in enterprise environments.

Ultrabook must have **Intel Management Engine** as a tool to allow IT departments to manage and remotely control all of the company's ultrabooks. There is also **Intel Anti-Theft Technology** and **Identity Protection Technology** are also mandatory features on every ultrabook.



Ultrabook must have security features from Intel

These tools and features ensure data safety inside ultrabooks (*in both corporate and personal use*) rooms for lost cases as well as enhance privacy for ultrabooks with regular users.

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