

What is SSD?

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A solid-state drive (SSD) is a data storage device that uses solid-state memory to store persistent data. An SSD emulates a hard disk drive interface, thus easily replacing it in most applications. You will probably be used to the word hard disk drive, well the SSD replaces this component in the netbook.

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Advantages of SSD

- Faster start-up, as no spin-up is required (RAM & flash)
- Fast random access for reading, as there is no read/write head to move (RAM & flash)
- No noise: a lack of moving parts makes SSDs completely silent
- For low-capacity flash SSDs, low power consumption and heat production
- High mechanical reliability, as the lack of moving parts almost eliminates the risk of "mechanical" failure
- Larger range of operating temperatures
- For low-capacity SSDs, lower weight and size