



Flash memory



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- The purpose of this text is to talk about flash memory and its role in modern life.
- Flash memory is a type of non-volatile memory that can be electronically erased and reprogrammed. Its name was invented by Toshiba to express how much faster it could be erased - 'in a flash', which means 'very quickly'



TOSHIBA

- Unlike RAM, which is volatile, flash memory retains the information stored in the chip when the power is turned off. This makes it ideal for use in digital cameras, laptops, network switches, video game cards, mobile phones and portable multimedia players.



- The main advantage of flash memory to hard drives and CD-ROM media is that flash memory consumes considerably (about 10-20 times or more) less power during operation. The devices CD-ROM, hard drives, tapes, and other mechanical storage devices, most of the energy is used for the propulsion of the mechanics of these devices. In addition, flash memory, most of the other smaller motor carriers.



- Of the disadvantages of flash memory, you can select a lower rate compared to a hard disk, the high cost per gigabyte of information and limiting the number of write cycles.
- To get rid of these shortcomings, I propose to continue to invent special file systems and flash memory controllers.

