1. Storage devices we use everyday
2. Let's start with the classifications
3. The first type is external or peripheral storage devices. Their feature is a large amount of stored information, but low performance.
4. The second type is internal storage devices. Unlike external storage devices, they have a small amount of stored information, but they have high performance
5. Let's take a closer look at the types of external storage devices
6. Floppy disks are an outdated type of storage device, but it is worth considering as the great-father of all external media. At the time, floppy disks were one of the most convenient ways to transfer a small amount of information. However, over time, there were more advanced ways to store information and they have become a thing of the past due to their small capacity and fragility
7. Hard disks are currently actively used for long-term storage of large amounts of information. They are most common due to the low price per Gigabyte. However, the low price is compensated by the fact that they are quite fragile and slow
8. Different HDD form factors
9. SSD drives are used as an alternative to HDD. They have greater resistance to damage, increased write and read speeds, and work much quieter than HDD. But for these advantages, you have to pay for a higher cost and a low recording resource. Basically, SSDs are used as a disk for installing operating systems, thanks to fast reading and writing, they speed up the process of loading and operating the system
10. SD cards are mainly used in portable electronics. They are convenient by their compactness. The relatively small amount of stored information does not allow them to be used for long term data storage
11. Flash drives are now one of the most common external storage devices. They are easy to carry, relatively resistant to damage, allow you to store a large amount of information and are cheap
12. CDs are now being used less frequently. New models of laptops and computers often do not even make disk drives. Before the spread of flash drives, they were used very often, but with the mass transition to flash drives, disks went out of use due to the small capacity, the inability to rewrite and the ease of damage
13. DVD suffer the same fate as CD; they were once used to record media files like movies and music
14. The DVD was replaced by blueray. This variety is characterized by good audio and video quality, as well as high reading speed. Bluray now produces games for consoles and movies
15. Consider internal storage devices
16. RAM is one of the most important parts of a computer. It increases the speed of programs and the operating system. It is impossible to store data on RAM for a long time. after the power is turned off, all data is erased, so it is only used to increase the speed of the computer
17. Сache memory is the fastest memory, it is faster than RAM. However, its size is even smaller than the size of RAM. It is necessary for CPU calculations
18. The BIOS memory is used only for storing data about system settings. Like other fast memory, it only stores data while it has access to power, so a small battery is used to power the BIOS
19. List of sources for preparing this presentation
20. Thanks for your attention