

[Answer] How many main parts does a desktop computer have?

What are the main parts of a desktop computer? What are the main functions of these parts?

How many main parts does a desktop computer consist of? What are the main functions of this part? Although desktop computers are very familiar devices, many people do not understand the structure of this product line. So let's find the answer to the question: What parts does a desktop computer consist of? And each specific function in the article below by TipsMake!

How many parts does a desktop computer have?

Computers are made up of many different parts. How many main parts does a desktop computer have? This is a seemingly simple but quite common question that many people still do not understand.

How many parts are needed for a complete desktop computer? The main parts include Mainboard (Motherboard), CPU (Central Processing Chip), RAM, VGA (Video Card), HDD - SDD (Hard Disk Drive), Monitor, Peripherals, Power Supply (PSU).

Main functions of computer parts

Motherboard

The motherboard is considered the frame of the entire computer, this is where the remaining hardware components are connected into a unified whole. All components from CPU, RAM, hard drive, graphics card, etc. are connected on the motherboard so that the computer can operate.



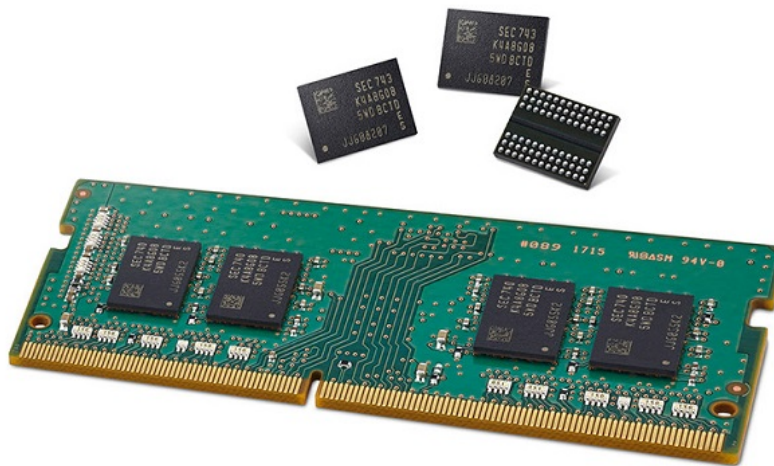
CPU

CPU is the central processing chip. CPU is considered as the brain of the computer system. Because CPU is where all information and activities of the desktop computer are processed. The CPU will process data, information and actions before it is performed outside, displayed on the computer screen.

The strength or weakness of the CPU will depend on the core and the number of threads, in GHz. These factors are proportional to the speed, the higher the factor, the faster the CPU processing speed.

RAM memory

RAM also has a big impact on computer performance. This is where all data will disappear when the computer is restarted.



The role of RAM also shares part of the work with the CPU. Data about all the activities you perform will be remembered by RAM. Next, RAM pushes that data for the CPU to operate. The larger the RAM capacity, the faster the processing speed and multitasking.

Video card

The video card plays a role in processing images, videos and outputting them on the screen. VGA video cards come in two types: connected to the PCI-EX slot or integrated on the CPU. The integrated VGA only supports tasks that use little graphics. Separate VGA will be used for tasks that require high configuration such as graphics.

Hard drive

The hard drive is where data is stored. The hard drive stores the operating system, software and applications on the computer. Currently there are 2 types of hard drives: SDD and HDD. HDD uses old technology so it will be slower than SDD.



Source

The power source is a simple part but plays an extremely important role in a desktop computer. The power source is responsible for providing voltage and power to the machine. A good power source will provide stable voltage to the entire device.

In addition, desktop computers also have indispensable accessories when used to perform operations such as keyboard and mouse.



Hard Drives (HDD and SSD)

Hard drive is a storage place for all data on the computer. Currently, hard drive capacity is very diverse and has very large capacity, normally from 240GB to 1TB.

System data normally takes up 50-100GB, the rest depends on the data you have to choose the right hard drive capacity for you.

Desktop computers can use both SSD and HDD, **SSD** to improve processing speed and **HDD** to help store data.

Screen

The screen is to display all the programs you are using, the quality depends on your budget, an average screen currently in use is 19 inches wide.



Peripherals

Mice and keyboards help us enter data and control computers. Nowadays, mice and keyboards use USB ports a lot and the latest technology is wireless mice and keyboards.

Conclude:

Above, **TipsMake** has learned with you how many parts a desktop computer consists of and the functions of each part. Hopefully, the information that TipsMake has shared will be helpful to you. If you have any questions, please call the hotline 19001903 for answers!

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