

# Basic notes when choosing a Mainboard to Build PC

What is a motherboard? What is its function? What types of products are there? Which type is suitable for your computer? Let's find out right after this.

## What is motherboard?

Mainboard (MB) or also known as **motherboard**. This is an extremely important part of a computer. It is likened to the backbone of the human body. This part is where all the components and peripherals in the computer are connected together to form a unified whole. Through that, the computer's operations can operate smoothly.



## What is the function of the motherboard?

MB is the place that supplies power to all components of the computer, helping the computer to operate. Through this part, other components can be installed into the computer or not. Because if the Main does not

support, it is impossible to install additional components. So what are the uses of MB?

- Main helps connect the components in the computer together.
- The main board is responsible for managing the power supply to the main board components.
- The product has the effect of providing the main clock for the operation of the entire computer system.

## What types of Mainboards are there?

There are many different types of Main on the market. Different types of main are produced by different component manufacturers. And the most popular main manufacturers are: **Asus, Gigabyte, MSI, Asrock, Intel** . Of which, Intel products have the largest market share in Vietnam.

## Basic notes when choosing to buy a Mainboard for PC

You want to buy a **high-end motherboard** for your computer. But which motherboard should you choose? To choose a product that is suitable for your computer, you need to consider the following factors:



Depending on the quality of each different type of Mainboard, the price of the product will range from 1.2 million VND to 11 million VND/ 1 product. Therefore, when you want to buy a mainboard for your computer,

you need to base on your financial ability and computer usage needs to make the right choice. For example:

- If you do not need to use high-configuration software or games, you should only use motherboards with a value of less than 2 million.
- But if you want to overclock Intel chip, you should choose mainboard with price over 2 million.
- If you want to experience a better motherboard equipped with RGB lights, VRM or cooling system. then choose a product with a price range from 2 to 4.5 million. This type of product is very suitable for those who need to play heavy games or those who use editing and graphics software.

Each type of CPU will have different sockets. For example, if you are using an Intel CPU, you should choose a motherboard with a socket **LGA 2011**, **LGA 1151-v2**. If it is an AMD CPU, you should choose a motherboard with a socket **LGA TR4**, **PGA AM4**.

Therefore, when choosing to buy a mainboard for your computer, you need to find out what type of CPU you have. From there, you will choose the appropriate mainboard, or ask for advice from the seller.



Before choosing to buy a motherboard, you need to calculate the size of the computer case. Because only when the size of the motherboard is suitable can the computer devices be mounted on the motherboard.

Mainboards on the market today include 4 sizes: **Mini - ITX, micro - ATX, ATX and E-ATX.**

Most of the current mainboards have up to 4 RAM slots. However, there are still some types that only have 2 slots like mini - ITX, and there are also some types that have 8 slots. However, depending on the purpose and need to use more or less RAM, users choose the appropriate high-end motherboard.

You want to buy a motherboard for your computer but don't know which one to choose? Above we have guided you on how to choose the right motherboard for your computer. And to buy genuine products, you should buy at the reputable computer component supplier **TipsMake** .

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