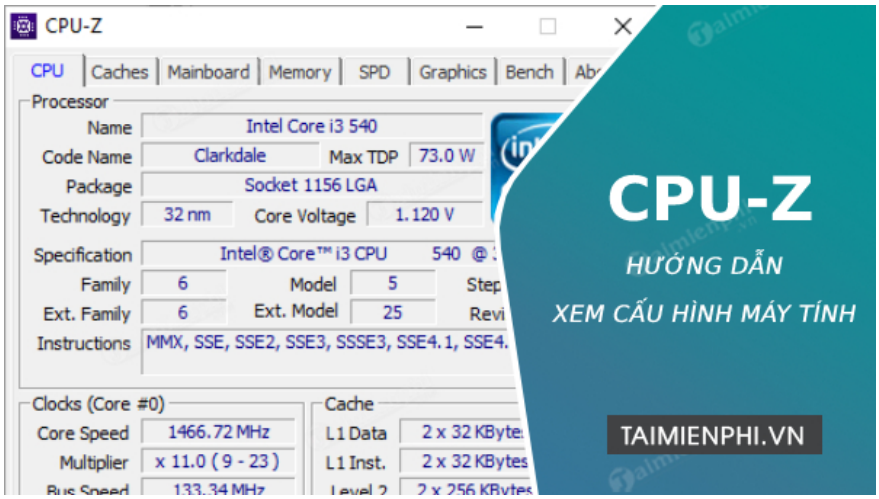
The quickest and simplest way to view your computer's configuration using CPU-Z.

CPU-Z is specialized software that helps users monitor information and configurations of their computers, such as the motherboard, chipset, memory, graphics card, etc. Viewing your computer's configuration using CPU-Z is quite simple; however, if you're unsure, you can refer to the instructions in the article below to clearly identify the information.

We often ask our friends about the specifications of a newly purchased computer, and the parameters they give include **CPU, RAM, VGA, HDD** , etc. However, this is not a complete list. With **CPU-Z** , you can view all the information about your PC or laptop's specifications instantly. There are many parameters that conventional software or default **computer configuration** tools cannot show you.



How to view your computer's configuration using CPU-Z

Table of Contents:

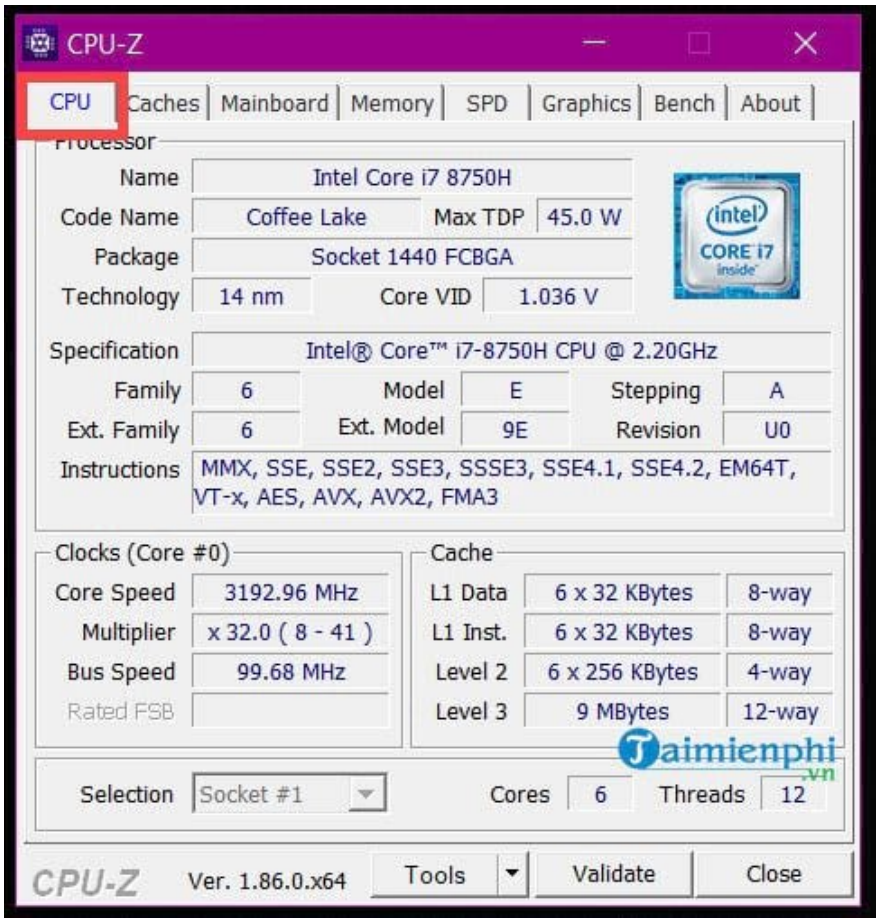
Guide to viewing your computer's configuration using CPU-Z

Step 1: The first thing we need to do to view our computer's configuration using CPU-Z is to download CPU-Z to our computer: Download **CPU** -Z here.

- CPU-Z has a standard installation process; users simply download and install it like any other software.

Step 2: After successfully installing CPU-Z, users simply need to open the software and wait about 30 seconds for CPU-Z to check the system and start displaying the parameters. The first parameter displayed is the CPU.

1. Processor Section - Microprocessor



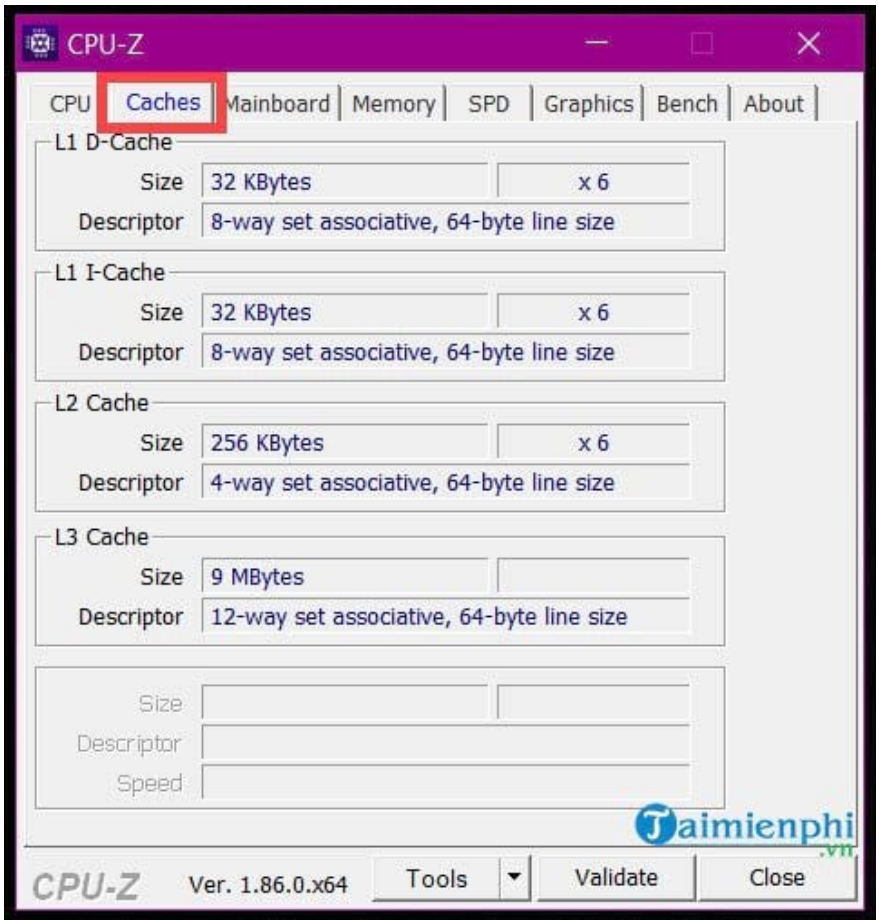
- **Name** : The name of the chip you are using and the manufacturer, as shown in the image, it's Intel Core i7 8750H.
- **Code Name** : The chip code indicates the current generation of the chip (for example, Coffeelake belongs to the latest generation of chips, 8750H with H and is a gaming-performance chip).
- **Max TDP** : The maximum power consumption of the chip.
- **Package** : Indicates the socket and type of chip you are using.
- **Technology** : The technology used and the manufacturing process, as shown in the image, it's 14nm.
- **Core Voltage** : The voltage supplied to the chip.

2. Clocks section - the running speed of each core

This is the processor clock speed, calculated as the number of calculations the processor can perform in one second. Therefore, the figure of 3.192 GHz tells us that the 8750H can perform 3.192 million calculations per second per core, because the 8750H is a 6-core processor with 6 independently operating cores.

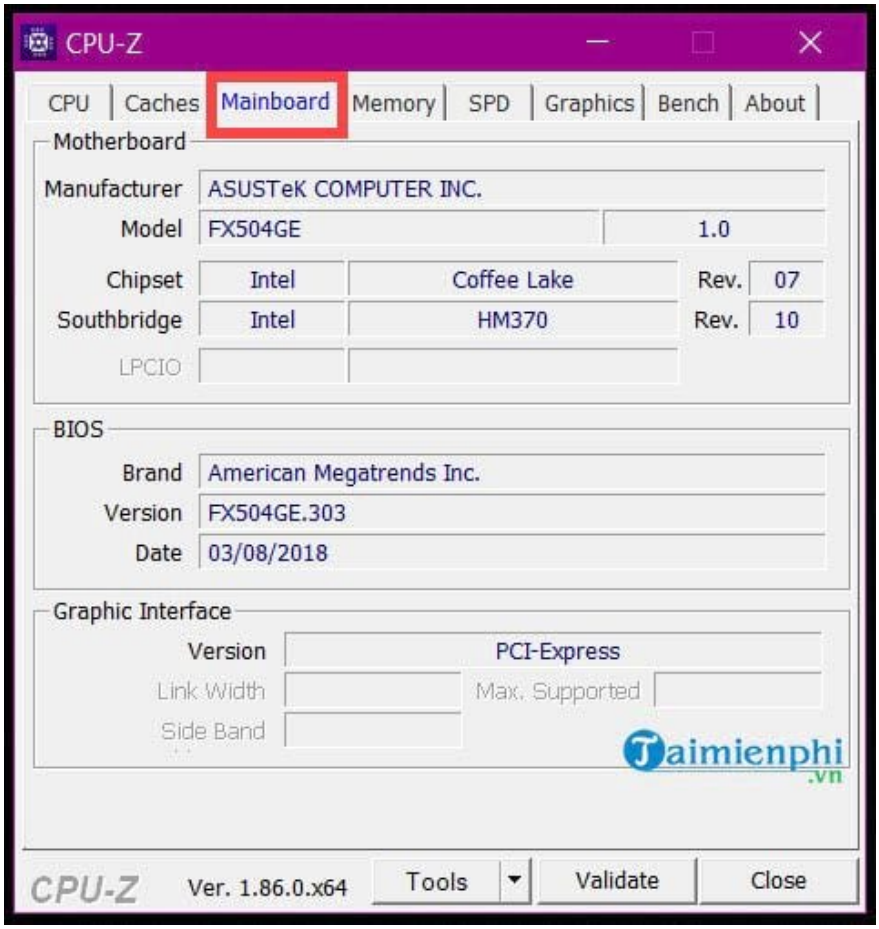
CPU-Z version 2.02 is now available, allowing users to view specifications on AMD Ryzen 7000 Series processors. You can refer to the article link below for information about the CPU-Z 2.02 update.

3. Caches - Memory Cache



Next is the Caches section, which represents the capacity of the Level 2 cache (L2-cache). This is where data is stored awaiting processing by the hardware. Its purpose is to increase the processing speed of the chip. The higher this value, the faster and smoother the CPU will process data.

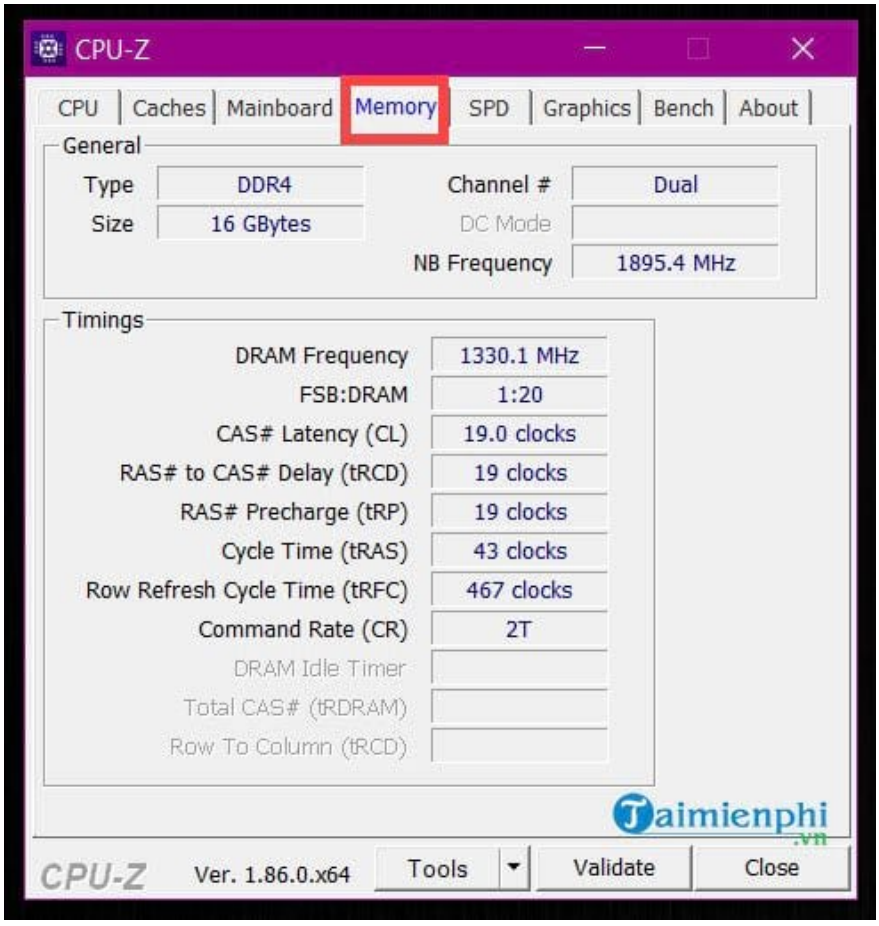
4. Mainboard Section - Motherboard Information



Regarding the motherboard, there isn't much information you need to pay attention to. Simply put, it's the manufacturer and the model number of the device you're using. There might be some additional information about the manufacturing date, but that's not very important.

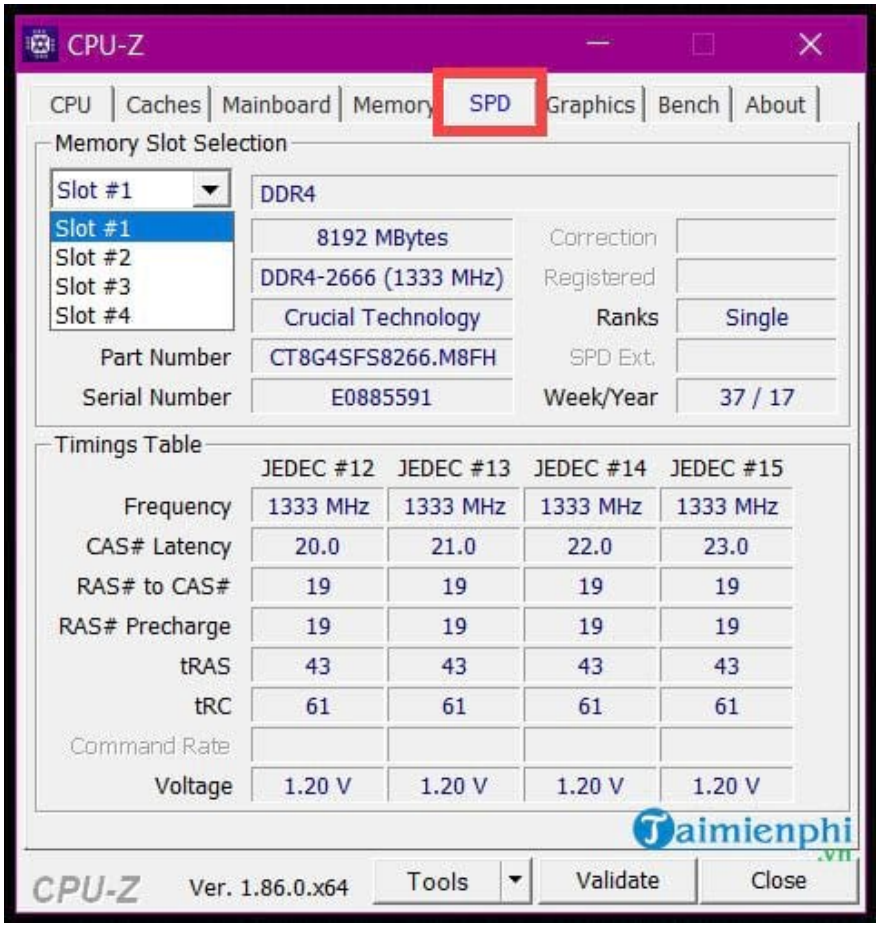
5. Memory - Computer RAM

RAM, or Random Access Memory, is the component most frequently mentioned when discussing a computer or laptop. The specifications of RAM are very simple and easily understood by users.



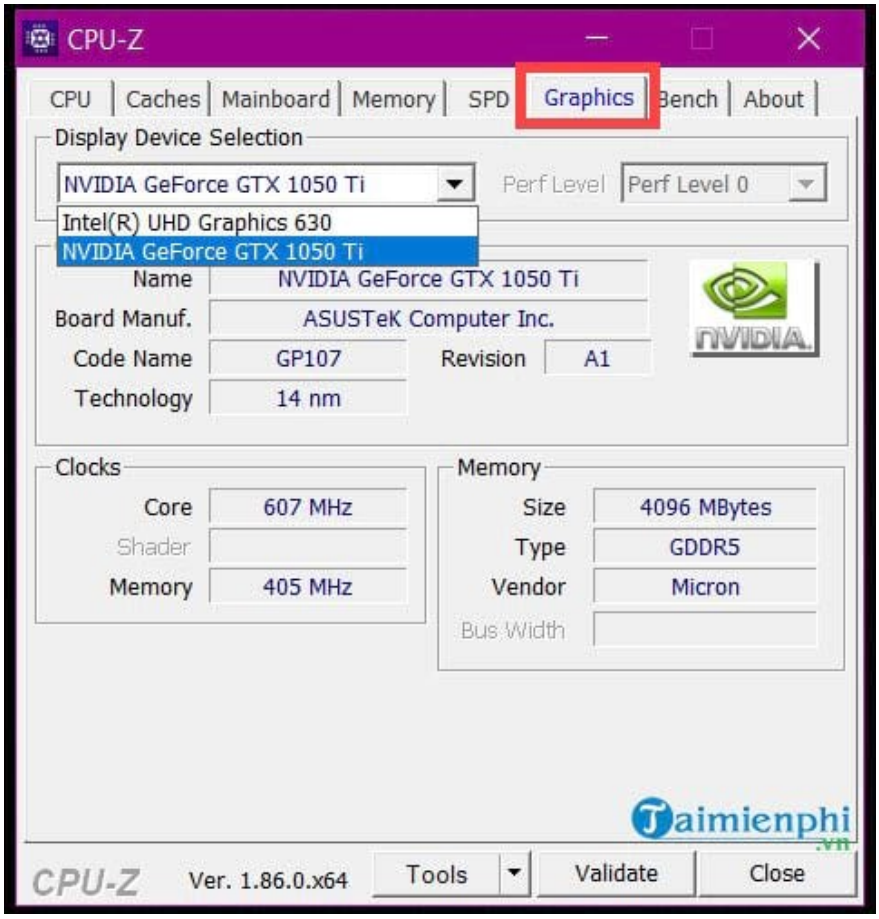
- **Type** : The type of RAM being used (DDR1, DDR2, DDR3, DDR4, DDR5), as shown in the image it is DDR4.
- **Size** : The total amount of RAM currently available on the computer/laptop. As shown in the image it is 16 GB.
- **Channel** : The operating mode of the RAM, usually running in dual (parallel).
- **NB Frequency** : The clock speed of the RAM during operation.
- **DRAM Frequency** : The actual bus speed of the RAM during operation.
- **FSB** : **DRAM** : The ratio of RAM to chip; the higher the ratio, the better the performance.

We also have another section called SPD which tells you which slot the RAM is in and its specifications; however, the information above is more than enough to give you about your RAM.



6. Graphics Section - Computer Graphics Card

For those working in graphics or gamers, the main purpose of checking a computer's specifications using CPU-Z is to see the VGA, although there is also a separate version called GPU-Z. However, the specifications you get from checking your computer's configuration using CPU-Z are usually sufficient to provide you with a lot of information.



- **Name** : The model name you are using for your computer or laptop. It could be Nvidia or AMD.
- **Broad Manufacturer** : The name of the company that integrates Nvidia or AMD technology into the machine.
- **Code Name** : The code for the GPU.
- **Technology** : 14 nm process; the smaller the process, the less power it consumes.
- **Core** : The processing speed of the GPU.
- **Memory** : The memory speed of the GPU .
- **Size** : The RAM capacity of the VGA card; currently 4096 MB = 4 GB.
- **Type** : The type of RAM being used (DDR1, DDR2, DDR3, DDR4, DDR5), as shown in the image, it is DDR5.

Above are all the parameters that users need to know to view their computer's configuration using CPU-Z. CPU-Z is a compact but useful tool for those who want to learn about computer specifications, configurations, or other related components.

As mentioned in the article, besides CPU-Z, there is also a software called GPU-Z that allows users to check their computer's graphics card. Checking your graphics card using GPU-Z is simple, easy to do, and has many specialized features for VGA cards if you want to learn more.

You finished reading the article "**The quickest and simplest way to view your computer's configuration using CPU-Z.**" edited by the **TipsMake** team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.