

# Top 5 best AMD CPUs 2019

This article will introduce you to some of the best AMD processors that are affordable to powerful CPUs like the Ryzen Threadripper 2990WX. The processors on this list have been tested, so you can be assured when getting the right value for the money.

In the last few years, the battle between AMD and Intel is getting hotter. Previously, Intel had won the crown for the CPU, but AMD was gradually topping the ranking even surpassing Intel in the desktop CPU line thanks to their 2nd generation Ryzen chip.

## 1. Which company CPU should I choose: Intel or AMD?

AMD certainly did not stop playing early, they were looking to continue this trend with the 3rd generation Ryzen processor, leading the Ryzen 9 3950X. This is the first 16-core processor to hit the market.

This article will introduce you to some of the best AMD processors that are affordable to powerful CPUs like the Ryzen Threadripper 2990WX. The processors on this list have been tested, so you can be assured when getting the right value for the money.

**Note:** The price of the CPUs in this article is the reference price at the time of writing, may vary, please contact the seller for the correct price.

## The best AMD processors

1. AMD Ryzen 9 3900X - Best AMD processor (VND 14.2 million)
2. AMD Ryzen 5 2600X - The best AMD processor to play games (nearly 3.7 million VND)
3. AMD Ryzen 3 2200G - The best cheap processor (nearly 2 million VND)
4. AMD Ryzen Threadripper 2950X - Best AMD processor (nearly 17 million VND)
5. AMD Ryzen Threadripper 2990WX - The best AMD processor for high-end desktop computers (VND 37.6 million)

## 1. AMD Ryzen 9 3900X - Best AMD processor (VND 14.2 million)

1. **Person** : 12
2. **Processing flow** : 24
3. **Base clock** : 3.7GHz
4. **Boost clock (Boost clock)** : 4.6GHz
5. **Cache memory L3** : 64MB
6. **Heat exit capacity (TDP)** : 105W

See also: Learn about clock speed: Base Clock and Boost Speed

### **Advantages:**

1. High speed
2. PCIe 4.0

### **Defect:**

1. The heat sink that comes with the CPU may not be enough



The Ryzen 9 3900X is the most powerful processor in the AMD product line or at least until the Ryzen 9 3950X launches. Not entering the HEDT market (high-end desktop), the processor completely destroys everything in its path with multithreaded performance, beating Intel at the same price. However, the single-core performance of this chip makes it a bit slower than Intel. If you're looking for the best overall processor, you'll find the Ryzen 9 3900X.

## **2. AMD Ryzen 5 2600X - The best AMD processor to play games (nearly 3.7 million VND)**

1. **Person** : 6
2. **Thread processing** : 12
3. **Basic clock** : 3.6GHz
4. **Boost pulse** : 4., 2GHz
5. **Cache memory L3** : 16MB
6. **Heat output capacity** : 95W

### **Advantages:**

1. Good performance
2. Good price

### **Defect:**

1. Excess heat when running



If you need a processor to play the best PC games without a lot of cost, the AMD Ryzen 5 2600X is a good choice for gamers. With 6 cores, 12 processing streams and clock speeds of 4.2GHz, it is powerful enough to handle most AAA games with every resolution. You can't play games like Battlefield V at 200 fps, but at this price and still have one of the best AMD processors, you have nothing to complain about. However, you need to equip it with a cooler to work better.

1. Top CPU gaming worth buying

### **3. AMD Ryzen 3 2200G - The best cheap processor (nearly 2 million VND)**

1. **Person** : 4
2. **Processing threads** : 4
3. **Basic clock** : 3.5 GHz
4. **Boost clock rate** : 3.7GHz
5. **L3 cache** : 4MB
6. **Thermal exit capacity** : 65W

#### **Advantages:**

1. Quick enough for the music system in the house
2. Cheap

#### **Defect:**

1. The chip is not the fastest



Want to build a PC with a 'home theater' system? You should look for affordable computer parts that don't consume much capacity. With a 65W heat output and affordable price, there's no doubt that the AMD Ryzen 3 2200G is one of the best AMD processors for your home theater system. It has a single-threaded chip, without the highest clock rate, so this CPU is not suitable for gaming. However, with 1080p PC games, you can still play games with this processor.

#### **4. AMD Ryzen Threadripper 2950X - Best AMD processor (nearly 17 million VND)**

1. **Person** : 16
2. **Processing threads** : 32
3. **Basic clock** : 3.5 GHz
4. **Boost clock** : 4.4GHz
5. **Cache memory L3** : 32MB
6. **Heat exit capacity** : 180W

##### **Advantages:**

1. Good single core performance
2. Cheap price for high-end desktop computers

##### **Defect:**

1. When running heat



PC hardware enthusiasts can't help but pay attention to this AMD processor. AMD Ryzen Threadripper 2950X is probably one of the best hardware for high-end desktop computers. At an affordable price compared to the high-end and high-end desktop chips that boost 4.4GHz along with 16 cores and 32 threads, this CPU gives you amazing single-threaded performance. However, it does not have a CPU cooler.

1. What is CPU heat sink and how does it work?

## **5. AMD Ryzen Threadripper 2990WX - The best AMD processor for high-end desktop computers (VND 37.6 million)**

1. **Person** : 32
2. **Processing threads** : 64
3. **Basic clock** : 3.0GHz
4. **Pulse Boost** : 4.2GHz
5. **Cache memory L3** : 64MB
6. **Heat drainage capacity** : 250W

### **Advantages:**

1. Stunning performance
2. Better value than Intel

### **Defect:**

1. The price is very expensive



The Ryzen Threadripper 2990WX is the fastest AMD processor you can buy now. This processor is equipped with 32 cores and 64 threads, not to mention the clocking of 4.2GHz with 64MB cache, you will have one of the most powerful chips on the market. With a heat output of 250W, you need a cooler to reduce heat when running it.

You finished reading the article "**Top 5 best AMD CPUs 2019**" 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.