

Difference Between AMD And Intel

Both Intel and AMD are separate businesses that make the motherboards and central processor units (CPUs) used in personal computers. The difference between AMD and Intel are explained in the table provided below.

| AMD VS Intel | |
|---|---|
| AMD | Intel |
| At a higher range, AMD is cost-effective. | At the lower range, Intel is cost-effective. |
| Processors remain cooler after hours of usage. | Processors may get heated sooner with usage. |
| Clock speed surpasses 5.0 GHz with a lot of heat production. | The clock speed surpasses 5.0 GHz. |
| Less efficient than Intel. | More efficient than AMD. |
| Can multiprocess upto 8 sockets/ 128 cores. | Can go up to 4 sockets/ 28 cores. |
| iGPU is not present in all series of AMD. | iGPU is present in almost all cores. |
| Example: AMD Ryzen, AMD EPYC, AMD FX-Series, AMD Threadripper, AMD Athlon 64, AMD Opteron, etc. | Example: Intel Core m series, Intel Xeon, Intel Core i series, etc. |

What is AMD?

AMD(Advanced Micro Devices) is an American-based manufacturing company focused on improving next-generation computing experiences. They produce microchips, CPUs, semi-conductors, motherboards, and a lot more computer-based devices.

Over the years AMD has produced Zen-based processors which created a huge impact on the market. The AMD has produced cost-effective power-hungry processors, improving the gaming experience and matching overall user expectations.

Example: AMD Ryzen, AMD EPYC, AMD FX-Series, AMD Threadripper, AMD Athlon 64, AMD Opteron, etc.

What is Intel?

Integrated Electronics or Intel is a multinational corporation and technology company. Intel has created its name in the market for its product and performance. They produce various products such as Central processing units, Microprocessors, Systems-on-chip (SoCs), Motherboard chipsets, Integrated graphics processing units (iGPU), Network interface controllers, etc.

The Intel processors consume higher power and generally consume more battery power. Intel processors have covered the complete Indian market for more than 15 years now.

Example: Intel Core m series, Intel Xeon, Intel Core I series, etc.

