

| | |
|------------------------------------|--|
| Family | Ryzen |
| Generation | Ryzen 5 |
| Series | 4000 |
| Model | AMD Ryzen 5 4500U |
| Platform | Laptop |
| Release Date | 01-06-2020 |
| CPU Cores | 6 |
| Threads | 6 |
| Base Clock | 2.3GHz |
| Max. Boost Clock | Up to 4.0GHz |
| L1 Cache | NA |
| L2 Cache | 3MB |
| L3 Cache | 8MB |
| Unlocked for Overclocking | NA |
| Processor Technology for CPU Cores | TSMC 7nm FinFET |
| CPU Socket | FP6 |
| PCI Express Version | PCIe® 3.0 |
| Default TDP | 15W |
| Configurable TDP | 10-25W |
| Max. Operating Temperature (Tjmax) | 105°C |
| *OS Support | Windows 11 - 64-Bit Edition, Windows 10 - 64-Bit Edition, RHEL x86 64-Bit, Ubuntu x86 64-Bit *Operating System (OS) support will vary by manufacturer. |
| RAM Type | DDR4 ,LPDDR4 |
| Supported RAM | DDR4 - Up to 3200MHz, LPDDR4 - Up to 4266MHz |
| Memory Channels | NA |
| Graphics Core Count | 6 |
| Graphics Frequency | 1500 MHz |
| GPU Base | AMD Radeon Graphics |
| Supported Technologies | AMD "Zen 2" Core Architecture |
| BenchMarks | |
| Cinebench R23 Sinlge Core | 4154 |
| Cinebench R23 Multi Core | 999 |
| Geekbench5 Sinlge Core | 2927 |
| Geekbench5 Multi Core | 9058 |
| CPU PassMark | |

If you Want to check Benchmarks

Ryzen Desktop Processors

Ryzen 3

[1000 Series](#)

[2000 Series](#)

[3000 Series](#)

[4000 Series](#)

[5000 Series](#)

[7000 Series](#)

Ryzen 5

[1000 Series](#)

[2000 Series](#)

[3000 Series](#)

[4000 Series](#)

[5000 Series](#)

[7000 Series](#)

Ryzen7

[1000 Series](#)

[2000 Series](#)

[3000 Series](#)

[4000 Series](#)

[5000 Series](#)

[7000 Series](#)

Ryzen 9

[3000 Series](#)

[5000 Series](#)

[7000 Series](#)

AMD Server Processors

[EPYC 7001 Series](#)

[EPYC 7002 Series](#)

[EPYC 7003 Series](#)

[EPYC 9004 Series](#)