

Family	Ryzen
Generation	Ryzen 7
Series	5000
Model	AMD Ryzen 7 PRO 5875U
Platform	Laptop
Release Date	Q1 2021
CPU Cores	8
Threads	16
Base Clock	2.0GHz
Max. Boost Clock	Up to 4.5GHz
L1 Cache	512KB
L2 Cache	4MB
L3 Cache	16MB
Unlocked for Overclocking	No
Processor Technology for CPU Cores	TSMC 7nm FinFET
CPU Socket	FP6
PCI Express Version	PCIe® 3.0
Default TDP	15W
Configurable TDP	NA
Max. Operating Temperature (Tjmax)	95°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
Supported RAM	DDR4
Memory Channels	2
Graphics Core Count	8
Graphics Frequency	2000 MHz
GPU Base	AMD Radeon Graphics
Supported Technologies	AMD "Zen 3" Core Architecture
<b>BenchMarks</b>	
Cinebench R23 Single Core	11732
Cinebench R23 Multi Core	1652
Geekbench5 Single Core	11113
Geekbench5 Multi Core	11151
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](#)