

Family	Ryzen
Generation	Ryzen 7
Series	5000
Model	AMD Ryzen 7 5800HS
Platform	Laptop
Release Date	01-12-2021
CPU Cores	8
Threads	16
Base Clock	2.8GHz
Max. Boost Clock	Up to 4.4GHz
L1 Cache	NA
L2 Cache	4MB
L3 Cache	16MB
Unlocked for Overclocking	NA
Processor Technology for CPU Cores	TSMC 7nm FinFET
CPU Socket	FP6
PCI Express Version	PCIe® 3.0
Default TDP	35W
Configurable TDP	NA
Max. Operating Temperature (Tjmax)	105°C
*OS Support	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	Up to 3200MHz, LPDDR4 - Up to 4266MHz
Memory Channels	NA
Graphics Core Count	8
Graphics Frequency	2000 MHz
GPU Base	AMD Radeon Graphics
Supported Technologies	AMD "Zen 3" Core Architecture

BenchMarks	
Cinebench R23 Single Core	11258
Cinebench R23 Multi Core	1624
Geekbench5 Single Core	10185
Geekbench5 Multi Core	21264
CPU PassMark	

If you Want to check Benchmarks

Ryzen Desktop Processors

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