

Family	Ryzen
Generation	Ryzen 7
Series	6000
Model	AMD Ryzen 7 6800HS
Platform	Laptop
Release Date	Q1 2021
CPU Cores	8
Threads	16
Base Clock	3.2GHz
Max. Boost Clock	Up to 4.7GHz
L1 Cache	512KB
L2 Cache	4MB
L3 Cache	16MB
Unlocked for Overclocking	No
Processor Technology for CPU Cores	TSMC 6nm FinFET
CPU Socket	FP7
PCI Express Version	PCIe® 4.0
Default TDP	35W
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	DDR5
Supported RAM	DDR5
Memory Channels	2
Graphics Core Count	12
Graphics Frequency	2200 MHz
GPU Base	AMD Radeon 680M
Supported Technologies	AMD "Zen 3+" Core Architecture
BenchMarks	
Cinebench R23 Single Core	12413
Cinebench R23 Multi Core	1423
Geekbench5 Single Core	11360
Geekbench5 Multi Core	20079
CPU PassMark	Ryzen

If you Want to check Benchmarks

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