

Family	Ryzen
Generation	Ryzen 7
Series	4000
Model	AMD Ryzen 7 4800H
Platform	Laptop
Release Date	01-06-2020
CPU Cores	8
Threads	16
Base Clock	2.9GHz
Max. Boost Clock	Up to 4.2GHz
L1 Cache	NA
L2 Cache	4MB
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	45W
Configurable TDP	35-54W
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	7
Graphics Frequency	1600 MHz
GPU Base	AMD Radeon Graphics
Supported Technologies	AMD "Zen 2" Core Architecture
<b>BenchMarks</b>	
Cinebench R23 Single Core	11123
Cinebench R23 Multi Core	1446
Geekbench5 Single Core	10631
Geekbench5 Multi Core	18497
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](#)