

AMD Ryzen™ 5 4500

ESPECIFICAÇÕES

MEMÓRIA

GRAPHICS CAPABILITIES

BASE

PRINCIPAIS RECURSOS

Especificações

Plataforma:	Computador de mesa
Market Segment:	Mainstream Desktop
Família de produto:	AMD Ryzen™ Processors
Linha de produto:	AMD Ryzen™ 5 Desktop Processors
Consumer Use:	Yes
Regional Availability:	Global, China, NA, EMEA, APJ, LATAM
Former Codename:	"Renoir"
Architecture:	"Zen 2"
Nº de núcleos de CPU:	6
Multithreading (SMT):	Yes
Nº de threads:	12

Clock de Max Boost ⓘ:	Até 4.1GHz
Clock básico:	3.6GHz
Cachê L1 total:	384KB
Cachê L2 total:	3MB
Cachê L3 total:	8MB
TDP / TDP Padrão:	65W
Processor Technology for CPU Cores:	TSMC 7nm FinFET
CPU Compute Die (CCD) Size:	180mm ²
Package Die Count:	1
Desbloqueado ⓘ:	Sim
CPU Socket:	AM4
Contagem de soquetes:	1P
Supporting Chipsets:	X570 X470 X370 B550 B450 B350 A520 A320
CPU Boost Technology:	Precision Boost 2

Instruction Set:	x86-64
Supported Extensions:	AES, AMD-V, AVX, AVX2, FMA3, MMX(+), SHA, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSE4A, SSSE3, x86-64
Solução térmica (PIB):	AMD Wraith Stealth
Temps máx:	95°C
Launch Date:	4/4/2022
*Suporte de SO:	Edição Windows 11 - 64-Bit Edição Windows 10 - 64-Bit RHEL x86 64-Bit Ubuntu x86 64-Bit *O suporte ao sistema operacional (SO) poderá variar de acordo com o fabricante.

Memória

USB Type-C® Support:	Yes
Native USB 3.2 Gen 2 (10Gbps) Ports:	4
Native USB 3.2 Gen 1 (5Gbps) Ports:	0
Native USB 2.0 (480Mbps) Ports:	0
Native SATA Ports:	2

Versão do PCI Express:	PCIe 3.0	
Native PCIe® Lanes (Total/Usable):	24 / 20	
Additional Usable PCIe Lanes from Motherboard:	AMD X570	16x Gen 3
	AMD X470	2x Gen 3
	AMD X470	8x Gen 2
NVMe Support:	Boot, RAID0, RAID1, RAID10	
Tipo de memória:	DDR4	
Canais de memória:	2	
Max. Memory:	128GB	
System Memory Subtype:	UDIMM	
Velocidade máxima da memória:	Up to 3200MT/s	
Max Memory Speed:	2x1R	DDR4-3200
	2x2R	DDR4-3200
	4x1R	DDR4-2933
	4x2R	DDR4-2667
ECC Support:	No	

Graphics Capabilities

Integrated Graphics:	Não	
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Modelo gráfico:

Exige cartão gráfico discreto

Base**Product ID Boxed:**

100-100000644BOX


Bandeja OPN:

100-000000644

Principais recursos**Tecnologias compatíveis:**

Tecnologia AMD StoreMI
AMD "Zen 2" Core Architecture
AMD Ryzen™ VR-Ready Premium

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