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CPU AM4 AMD Ryzen 5 5500, 6C12T, 3.60-4.20GHz 100-100000457BOX

Šifra:
Kategorija proizvoda: AMD procesori
Proizvođač: AMD

Cena: **10.341,00** rsd.

CPU AM4 AMD Ryzen 5 5500, 6C12T, 3.60-4.20GHz 100-100000457BOX

General Specifications

Platform

Desktop

Market Segment

Mainstream Desktop

Product Family

AMD Ryzen™ Processors

Product Line

AMD Ryzen™ 5 Desktop Processors

Consumer Use

Yes

Regional Availability

Global, China, NA, EMEA, APJ, LATAM

Former Codename

"Cezanne"

Architecture

"Zen 3"

of CPU Cores

6

Multithreading (SMT)

Yes

of Threads

12

Max. Boost Clock

Up to 4.2GHz

Base Clock

3.6GHz

L1 Cache

384KB

L2 Cache

3MB

L3 Cache

16MB

Default TDP

65W

Processor Technology for CPU Cores

TSMC 7nm FinFET

CPU Compute Die (CCD) Size

180mm²
Package Die Count

1
Unlocked for Overclocking

Yes

CPU Socket

AM4

Socket Count

1P

Supporting Chipsets

X570

X470

X370

B550

B450

B350

A520

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

Thermal Solution (PIB)

AMD Wraith Stealth

Max. Operating Temperature (Tjmax)

90°C

Launch Date

4/4/2022

*OS Support

Windows 11 - 64-Bit Edition

Windows 8.1 - 64-Bit Edition

RHEL x86 64-Bit

Ubuntu x86 64-Bit

*Operating System (OS) support will vary by manufacturer.

Connectivity

USB Type-C® Support

Yes

Native USB 4 (40Gbps) Ports

0

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

PCI Express® Version

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

System Memory Type

DDR4	
Memory Channels	2
Max. Memory	128GB
System Memory Subtype	UDIMM
System Memory Specification	Up to 3200MHz
Max Memory Speed	2x1R
	DDR4-3200
	2x2R
	DDR4-3200
	4x1R
	DDR4-2933
	4x2R
	DDR4-2667
ECC Support	No
Graphics Capabilities	Integrated Graphics
	No
Graphics Model	Discrete Graphics Card Required
Product IDs	Product ID Boxed
	100-100000457BOX
Product ID Tray	100-000000457
Key Features	Supported Technologies
	AMD StoreMI Technology
	AMD "Zen 3" Core Architecture
	AMD Ryzen™ VR-Ready Premium