AMD EPYC™ 9554

Realize exceptional time-to-results and energy efficiency for your business-critical applications with AMD EPYC™ 9004 Series processors for modern data centers.

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General Specifications

Name	AMD EPYC™ 9554
Family	EPYC
Series	EPYC 9004 Series
Form Factor	Servers
Regional Availability	Global , China , NA , EMEA , APJ , LATAM
# of CPU Cores	64
# of Threads	128
Max. Boost Clock	Up to 3.75 GHz
All Core Boost Speed	3.75 GHz
Base Clock	3.1 GHz
L3 Cache	256 MB
1kU Pricing	9087 USD
Default TDP	360W
AMD Configurable TDP (cTDP)	320-400W
CPU Socket	SP5
Socket Count	1P / 2P
Launch Date	11/10/2022

Connectivity

PCI Express® Version	PCIe® 5.0 x128
System Memory Type	DDR5
Memory Channels	12
System Memory Specification	Up to 4800 MT/s
Per Socket Mem BW	460.8 GB/s

Product IDs

Product ID Tray	100-000000790

Security Virtualization and Manageability

FIPS Certification	In Review
FIPS Certification Links	Module Certification, Algorithm Certification

Key Features

Supported Technologies	AMD Infinity Guard , AMD Infinity Architecture
Workload Affinity	Analytics , CAE|CFD|FEA , ERM|SCM|CRM apps , High capacity data mgmt (NR|RDBMS) , HPC , VM Density

Drivers and Resources

Developer Resources

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Documentation

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Selector and Estimation Tools

Discover the right AMD EPYC processor to help optimize your data center transformation.

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