

3 REASONS TO CHOOSE SUPERMICRO SERVERS POWERED BY AMD EPYC™ CPU'S

THE MODERN DATA CENTER MUST BE HIGH-PERFORMANCE AND ENERGY EFFICIENT

Massive amounts of data are generated and analyzed in your data center. You need servers that are up to the challenge. Supermicro powered by record-setting¹ AMD technology brings you the innovation to meet this need—and to scale as data grows. Three reasons to choose Supermicro powered by AMD EPYC™ CPUs:

1 INNOVATION

The new H13 Supermicro servers enable you to deliver the most advanced digital environments to your customers and employees. Choose from 11 product families that use the latest AMD EPYC CPUs. AMD EPYC™ processors have set **73 business application world records**.¹

4th Gen EPYC™ 9754 processors power the most energy efficient x86 servers^{SP5-72A}

73 business application world records

EFFICIENCY 2

3.05x performance per system watt

45 energy efficiency world records

Supermicro H13 servers drive performance as shown by SPEC standard benchmarks. Per floating point rate benchmark, the single socket AS -2015CS-TNR server with the AMD EPYC 9684X CPU is 3.05X faster² than the Supermicro AS -2113S-WTRT server with the AMD EPYC 7642 CPU.³ In addition, AMD EPYC™ processors have set **45 energy efficiency world records**.¹

3 PERFORMANCE

Supermicro servers with AMD EPYC™ processors have set **50 A+ Server Performance world records**.⁴ These include **8 HPC Performance Intensive Computing Segment records**, and top score for **ESXi™ virtualized infrastructure throughput based on VMmark®**, so they **reduce latency problems** to support more customer VMs per pair of servers.⁵

50 A+ server performance world records

8 HPC performance intensive computing segment world records



top ESXi virtualized infrastructure throughput based on VMmark

POWERING ENTERPRISE DATA CENTERS

With AMD powered Supermicro solutions, you can help meet the challenges of enterprise data centers while providing exceptional performance along with cost and energy efficiency.

LEARN MORE

Supermicro systems powered by AMD EPYC™ CPUs are bringing the next generation of processor innovation and performance to the industry's most advanced server systems.

¹ AMD EPYC Family of Processors as of 9/18/2023 see amd.com/worldrecords for the full list

² Supermicro CloudDC A+ Server AS -2015CS-TNR (H13SSW, AMD EPYC 9684X) <https://spec.org/cpu2017/results/res2023q3/cpu2017-20230828-38817.html>

³ A+ Server 2113S-WTRT (H11SSW-NT, AMD EPYC 7642) <https://spec.org/cpu2017/results/res2020q3/cpu2017-20200818-23749.html>

⁴ <https://www.supermicro.com/en/products/aplus>

⁵ <https://www.vmware.com/products/vmmark/results3x.0.html#?totalsockets=4-total-sockets&sort=score&matchedpair=matched-pair>