Connection
we solve IT

MODERNIZE YOUR DATA CENTER WITH AMD

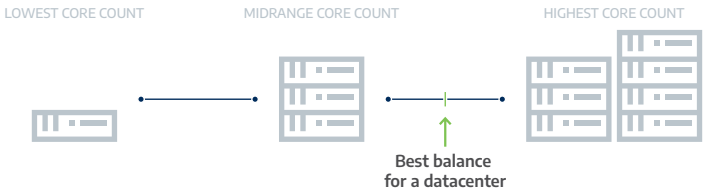
Why 4th Generation AMD EPYC Processors?

AMD EPYC

Much like the modern applications all organizations are using today, a modern infrastructure must be flexible, scalable, extremely reliable, and always available. However, a modern infrastructure must also be efficient to be affordable. AMD EPYC™ provides the efficiency and affordability needed through a wide range of high-performance and energy-efficient options.

To achieve the highest performance, you need a massive scale out with lower processor core density. The lower the core density, the higher the per-core performance. This comes at a high cost overall—along with lower performance per dollar. On the opposite side of the spectrum, to achieve higher data center efficiency, we need to look at performance per watt and per dollar.

Deploying the highest core count processors will accomplish the best performance per watt. Somewhere between the midrange core count and highest core count available, there's a balance that's best for each data center and how an organization uses it. With AMD EPYC, you can use a much higher core count processor over the competition to achieve this balance. This is attributed to the efficiency of AMD EPYC over Intel Xeon.

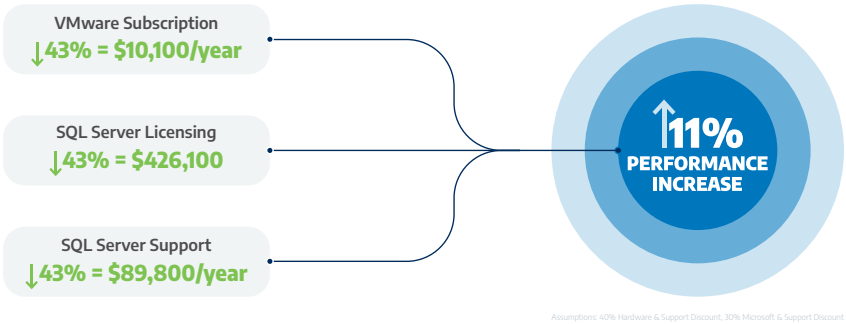


AMD's innovation, the manufacturing process, and high yield of AMD's system on a chip (SOC) are the reason for amazingly better performance per dollar, per core, and per watt.

EPYC Performance

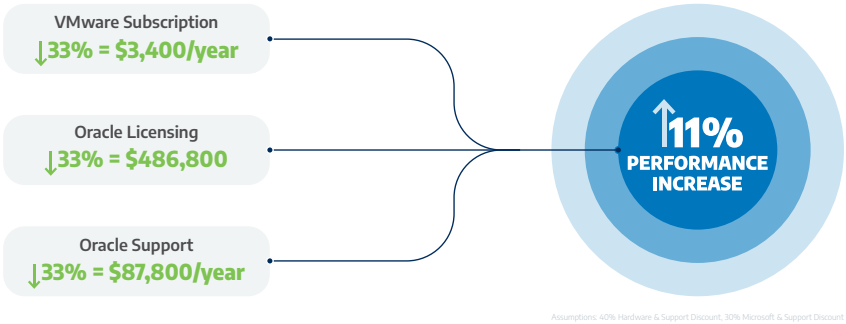
Optimize Oracle and Microsoft SQL licensing and VMware per-core subscription costs with AMD EPYC processors.

SQL Server Refresh Savings[1]



Assumptions: 40% Hardware & Support Discount, 30% Microsoft & Support Discount

Oracle Server Refresh Savings[2]



Assumptions: 40% Hardware & Support Discount, 30% Microsoft & Support Discount

An EPYC Win for a Customer

A banking corporation has been purchasing HPE servers from Connection since 2009. As their trusted advisor, we met with their decision makers to offer insight into the value of deploying the latest 4th Generation AMD EPYC Processor (Genoa) for their SQL database servers. This high-performance processor offers a low core count that maximizes the capabilities of their most critical banking operations applications.

Following the meeting, they purchased HPE ProLiant DL385 Gen11 servers featuring 4th Generation AMD EPYC 24-core processors. Reaching out about an existing in-progress order, the decision-makers inquired about using AMD EPYC instead of the 37 Intel-themed servers they had planned for each of their branch locations. AMD EPYC offered a lower price point that didn't sacrifice for reliability or performance. The experts at Connection pivoted the order to the customer's new choice and quickly finalized the process to guarantee swift delivery.

Contact your Connection Account Team today for more information on servers featuring AMD EPYC processors.

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Business Solutions	Enterprise Solutions	Public Sector Solutions
1.800.800.0014	1.800.369.1047	1.800.800.0019

www.connection.com/AMD-Server

1. Based on three Dell R740 2P 6258R 28-core Intel servers totaling 168 cores versus three Dell R7625 2P 9174F 16-core AMD servers totaling 96 cores and a 40% hardware and support discount and 30% Microsoft and support discount.
2. Based on three Dell R740 2P 6256 12-core Intel servers totaling 72 cores versus three Dell R6615 1P 9174F 16-core AMD servers totaling 48 cores and a 40% hardware and support discount and 30% Microsoft and support discount.