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THE DATABASE UPGRADE THAT *HELPS PAY FOR ITSELF*

BOOST PERFORMANCE, CUT COSTS, AND SHRINK YOUR DATA CENTER FOOTPRINT

MORE CORES, MORE COST

Enterprise databases charge by the core, and support fees rise with it, often reaching tens of millions of dollars for large organizations. Do more per core, pay for fewer. That's the power of high-frequency AMD EPYC™ server CPUs.

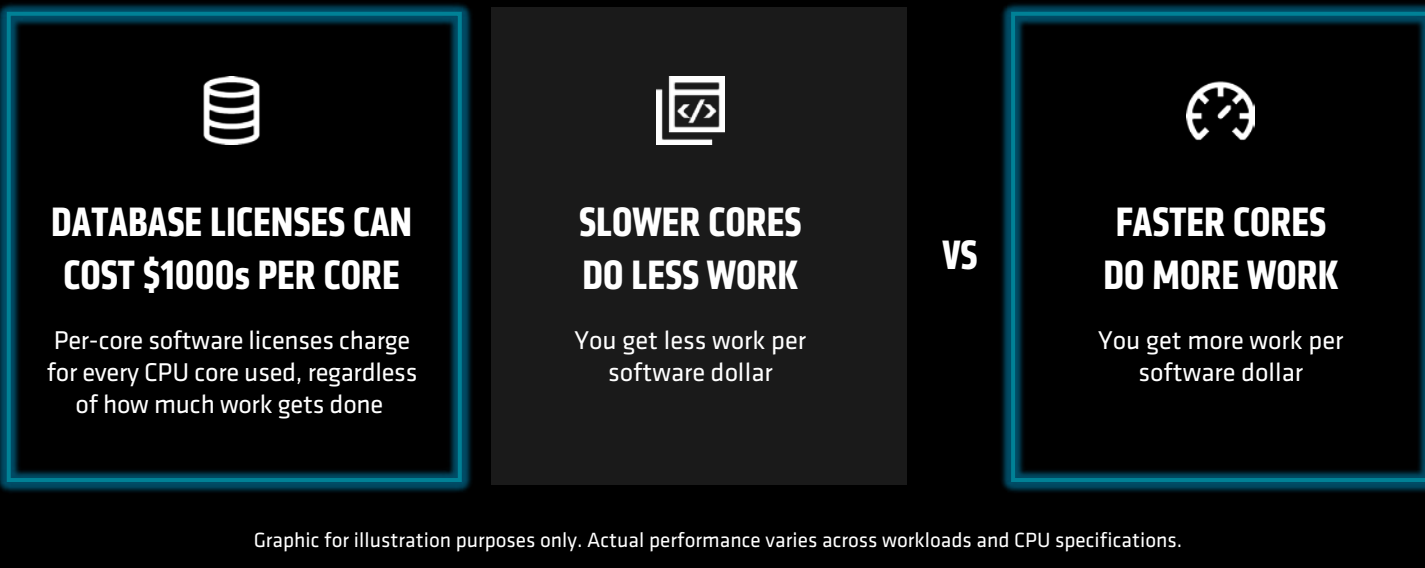


HIGHER PERFORMANCE. LOWER COSTS. MORE VALUE.

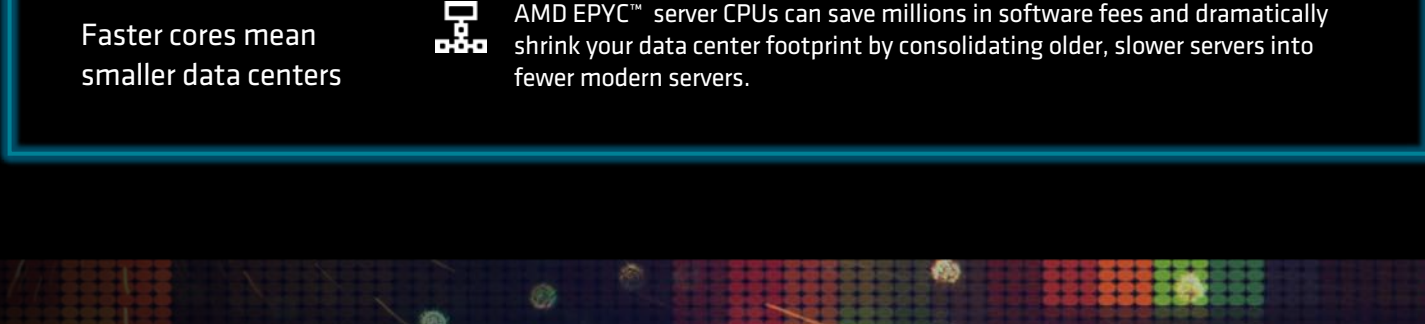
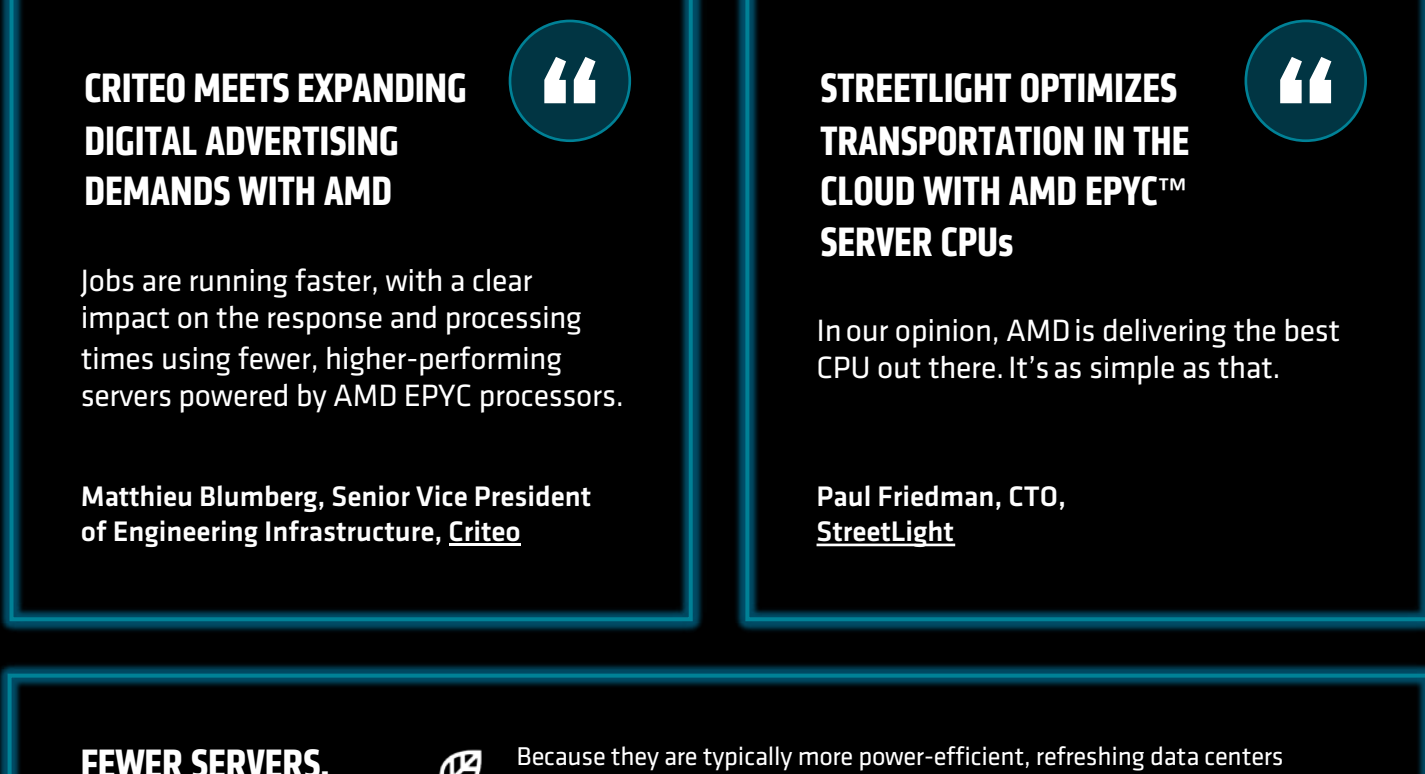
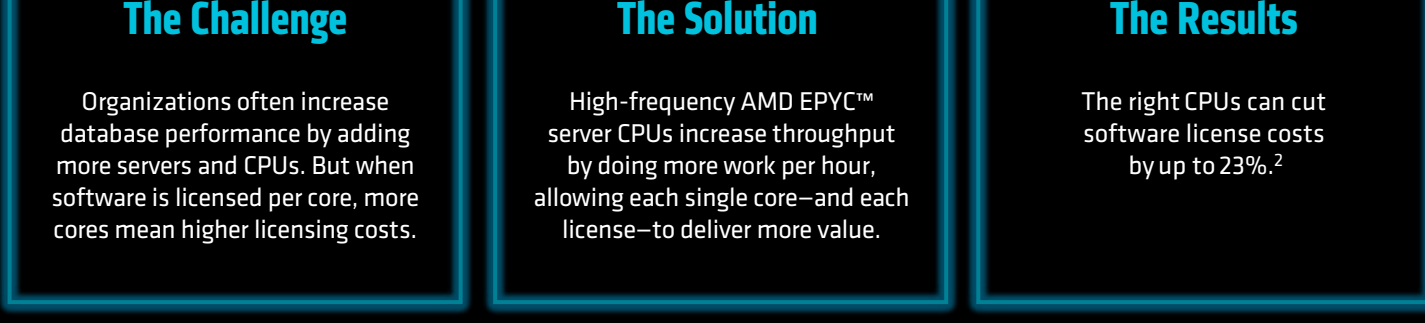
High-frequency CPUs deliver more work per core, so you can run workloads faster while reducing the number of licensed cores required.

HIGH-FREQUENCY CPUs GET MORE VALUE FROM EACH SOFTWARE LICENSE

Fewer, faster cores do more work per software dollar



Graphic for illustration purposes only. Actual performance varies across workloads and CPU specifications.



SEE WHAT CONSOLIDATION CAN DO

Reduce software licensing costs, lower energy consumption, and free capacity for new AI and high-volume workloads.

FEWER SERVERS. LESS POWER. LOWER COSTS.

391,000 SPECRATE® 2017_INT_BASE SCORE DATA CENTER³

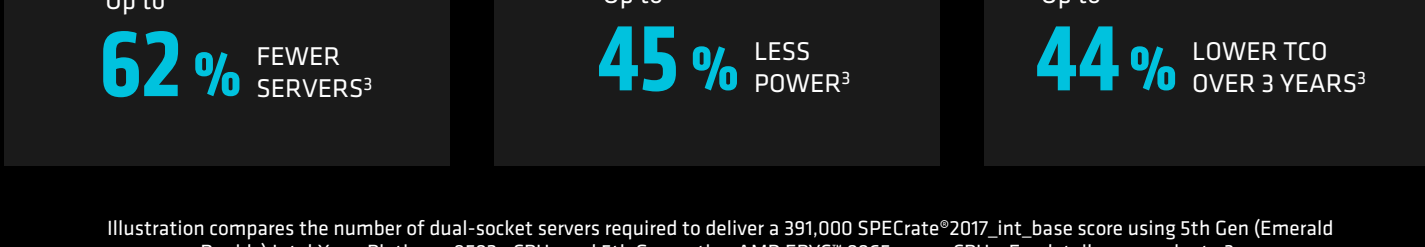
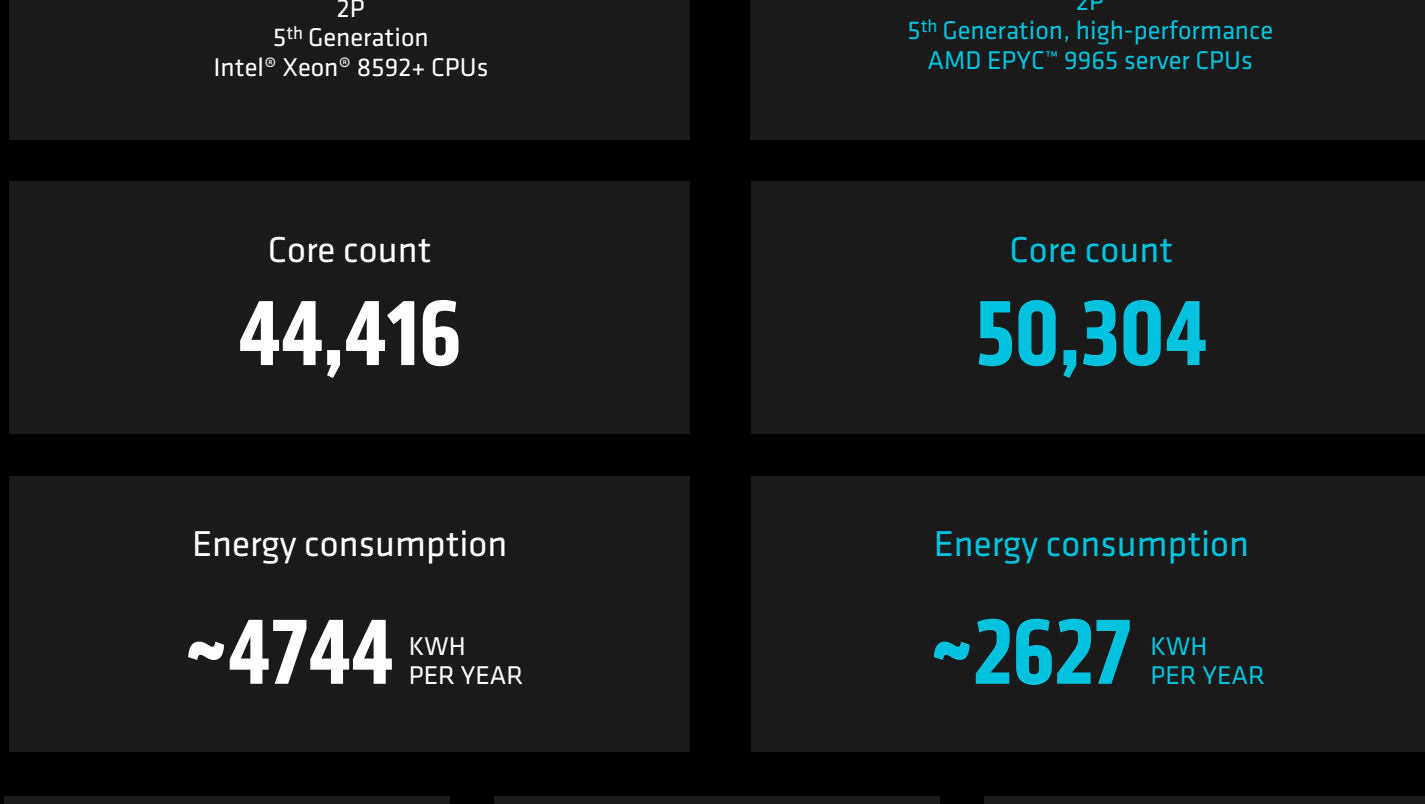
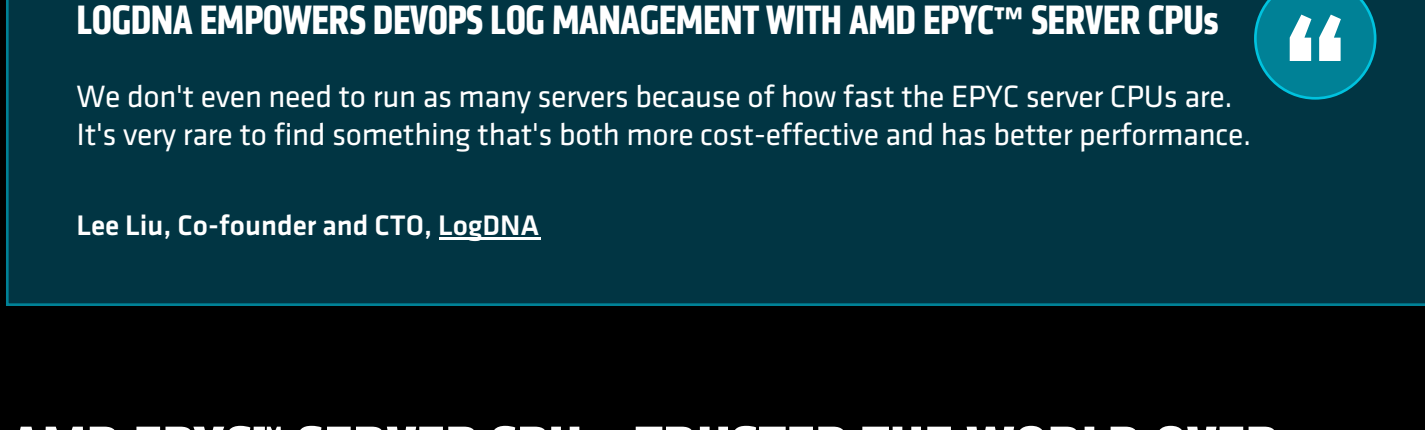
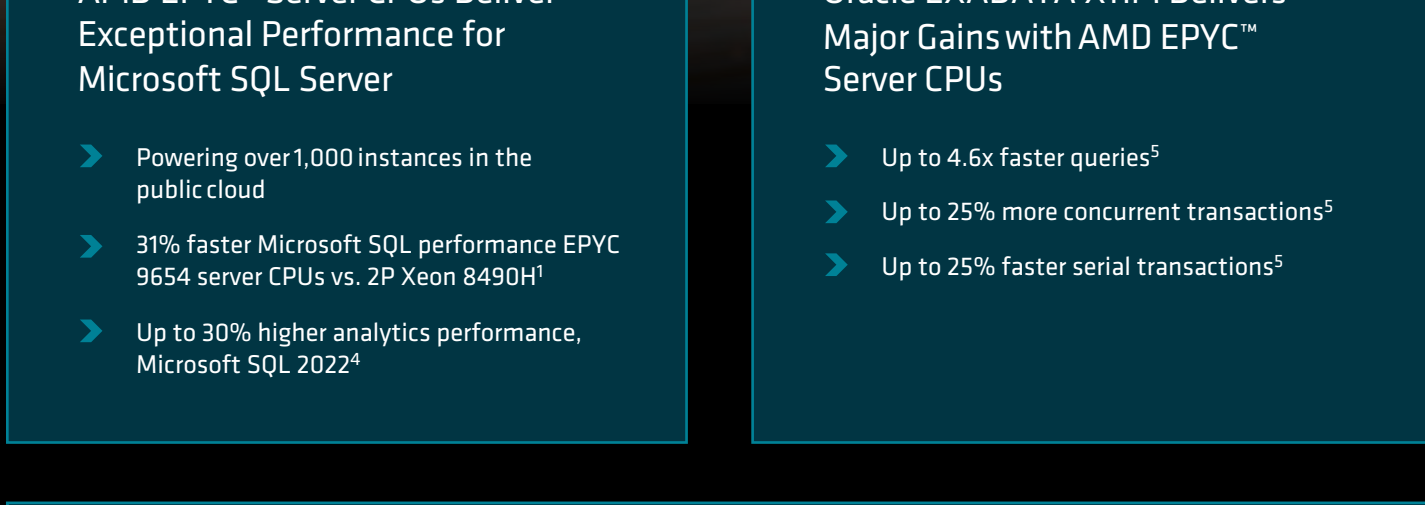


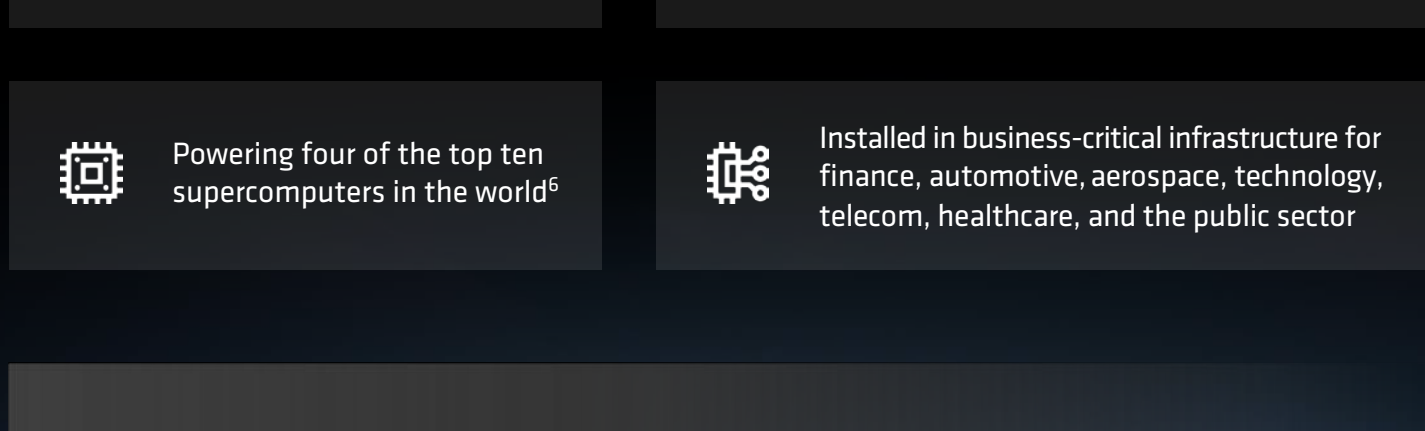
Illustration compares the number of dual-socket servers required to deliver a 391,000 SPECrate®2017_int_base score using 5th Gen (Emerald Rapids) Intel Xeon Platinum 8592+ CPUs and 5th Generation AMD EPYC™ 9965 server CPUs. For details, see endnote 3.

UPGRADE ON-PREMISES AND IN THE CLOUD

Reduce software licensing costs, lower energy consumption, and free capacity for new AI and high-volume workloads.



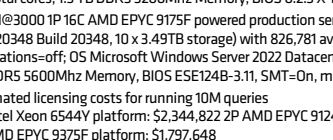
AMD EPYC™ SERVER CPUs, TRUSTED THE WORLD OVER



DO MORE PER CORE WITH AMD EPYC™ SERVER CPUs

No matter where your databases run—at the edge, on premises, or in the cloud—AMD EPYC™ server CPUs bring the speed and performance you need while using less space, power, and infrastructure.

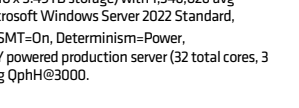
Contact your Connection Account Team for more information.



Business Solutions 1.800.800.0014	Enterprise Solutions 1.800.369.1047	Public Sector Solutions 1.800.800.0019
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www.connection.com/AMD

¹SP5-148: One 96-core AMD EPYC 9654 CPU delivers 31% more performance per core than two 60-core Intel Xeon® 8490H CPUs on TPC-E. 1P 96C AMD EPYC 9654 delivers 31% more per core performance on Microsoft SQL Server® 2022 Enterprise compared to 2P 60C Intel Xeon Platinum 8490H. AMD results (13,000 tpsE or 135.4 tpsE/core, \$74.09/tpsE, avail 5/24/23, <https://www.tpc.org/tpce>). Intel results (12,436 tpsE or 103.6 tpsE/core, \$95.46/tpsE, avail 5/18/23, <https://www.tpc.org/tpce>). TPC Benchmark is a trademark of TPC. (SP5-148).
²9x5-221: TPC-H analytics workload based on internal AMD measurements as of 6/16/2025. This workload is derived from the TPC-H Benchmark and is not comparable to published TPC-H Benchmark results, as this implementation does not comply with all requirements of the TPC-H Benchmark. Workload configs: SQL Server 2022 CU 11, 32 Core Node, SF3000, TPC-H Kit MSTPCH 2.18.0-2600 1P 32C AMD EPYC 9375F powered production server (32 total cores, 1.5 TB DDR5 5200MHz Memory, BIOS 0.2.3 X-Rev, SMT-On, Determinism-Power, mitigations-off; OS Microsoft Windows Server 2022 Standard, 10.0.20348 Build 20348, 10 x 3.49TB storage) with 1,346,026 avg QphH@3000 1P 16C AMD EPYC 9375F powered production server (16 total cores, 1.5 TB DDR5 5200MHz Memory, BIOS 0.2.3 X-Rev, SMT-On, Determinism-Power, mitigations-off; OS Microsoft Windows Server 2022 Standard, 10.0.20348 Build 20348, 10 x 3.49TB storage) with 826,781 avg QphH@3000 2P 16C AMD EPYC 9375F powered production server (32 total cores, 1.5 TB DDR5 4800MHz Memory, BIOS 1.7.2, SMT-On, Determinism-Power, mitigations-off; OS Microsoft Windows Server 2022 Datacenter, 10.0.20348 Build 20348, 3 x 6.9TB and 3 x 3.4TB storage) with 1,206,427 avg QphH@3000 Versus 2P 16C Intel Xeon 6544V powered production server (32 total cores, 3 TB DDR5 5600MHz Memory, BIOS SE524B-3.11, SMT-On, mitigations-off; OS Microsoft Windows Server 2022 Datacenter, 10.0.20348 Build 20348, 9 x 3.49TB storage) with 1,031,925 avg QphH@3000.
Estimated licensing costs for running 10M queries
2P Intel Xeon 6544V platform: \$2,344,822 2P AMD EPYC 9375F platform: \$2,005,657
1P AMD EPYC 9375F platform: \$1,797,648
1P AMD EPYC 9375F platform: \$1,463,313
Microsoft SQL Server 2022 license pricing information: \$15,123 per 2 core pack, source: <https://www.microsoft.com/en-us/sql-server/sql-server-2022-pricing>. Pricing as of 5/2/2025. Results may vary due to factors including system configurations, software versions and BIOS settings. (9x5-221).
³Oracle, Exadata Database Machine X11M, 2026, Pg#9.
⁴TP5000, Supercomputer list November, 2025.



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