UPGRADE YOUR DATA ANALYTICS ON MICROSOFT SQL SERVER® WITH AMD EPYC™ PROCESSORS

RUN SUPER FAST TRANSACTIONS & QUERIES, EFFICIENTLY WITH AMD EPYC™ PROCESSORS

Running Microsoft SQL Server® database and analytics workloads on AMD EPYC™ CPU-powered servers can speed database operations, and can enable savings on energy consumption and datacenter space, freeing up budgets for new age workloads like AI. Seamlessly migrate your Microsoft SQL Server® workloads running on legacy hardware to AMD, and do more with less. Check out the featured solutions and partners for Microsoft SQL Server®, scale your business with performant, energy efficient AMD EPYC™ processors with more than 900 instances on the public cloud and more than 350 validated designs across the major OEMs.

AMD EPYC™ VALUE FOR THE CLOUD

~36%
BETTER ANALYTICS PERFORMANCE [1]
(using Amazon EC2 M7a instances)

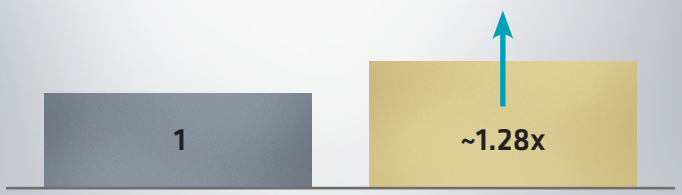
~17%
OLTP TRANSACTIONS/SEC UPLIFT ON AZURE® [2]
(Using Standard_E32_ADS_V6 vs Standard_E32_ADS_V5)

FASTER TIME TO RESULTS
CUTTING EDGE SECURITY
ENERGY EFFICIENCY LEADERSHIP

AMD EPYC™ VALUE FOR ON-PREM DEPLOYMENT

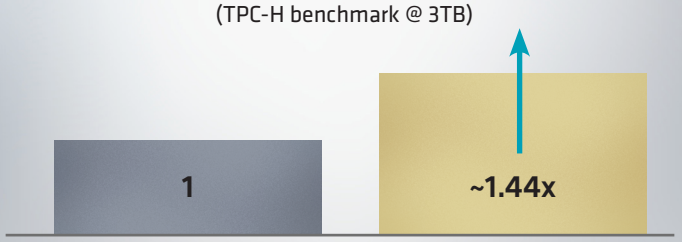
~28% Better Performance/$ SP5-293

(TPC-H benchmark @ 10TB)



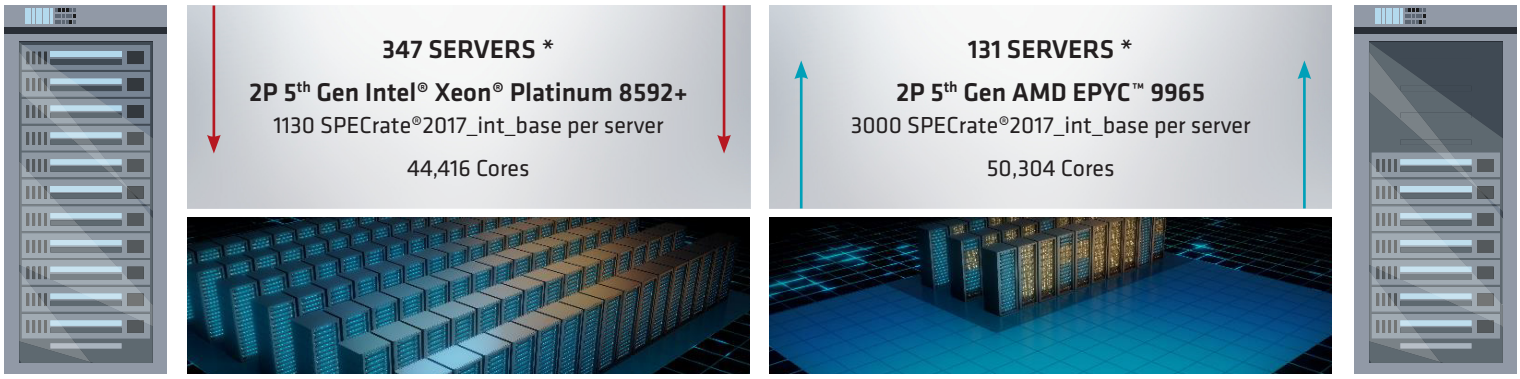
~44% Faster Queries/Hr [3]

(TPC-H benchmark @ 3TB)



Decision Support Performance Leadership

AMD EPYC™ CONSOLIDATION FOR DEPLOYMENT



~62%
Fewer Servers
Same Performance

~45%
Less Power

~44%
3-year TCO reduction

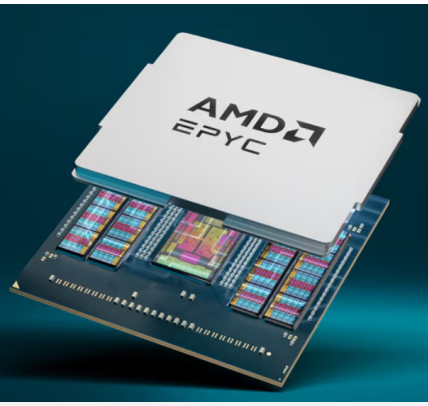
Results obtained running SPECint, may not represent performance achievable with Microsoft SQL Server workloads. See Endnote: 9xx5TCO-002A

FEATURED INDUSTRY PARTNERS

Azure aws cisco DELL Technologies Hewlett Packard Enterprise Lenovo SUPERMICRO

RESOURCE LINKS

- Dell PowerEdge Solutions Brief
- HPE ProLiant Solutions Brief
- Lenovo Solutions Brief
- OLTP & DSS Solutions Brief
- Lenovo ThinkSystem SR665 V3 Solutions Brief
- HPE ProLiant DL365 Gen11 Solutions Brief



1 - Performance improvement potential represents top individual comparison testing results; see AMD M7a vs. INTC M7i Performance Brief, p.5, for test results.

2 - https://www.amd.com/content/dam/amd/en/documents/epyc-technical-docs/performance-briefs/amd-epyc-9004-pb-mssql-oltp-dss-azure.pdf

3 - https://www.amd.com/content/dam/amd/en/documents/epyc-technical-docs/performance-briefs/amd-epyc-9004-pb-extending-mssql-server-oltp-dss-perf-leadership.pdf

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