

# UPGRADE YOUR DATA ANALYTICS ON CLOUDERA® WITH AMD EPYC™ PROCESSORS

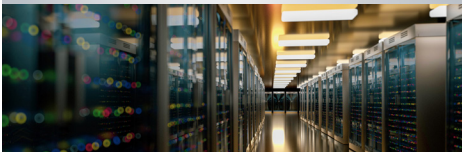
## RUN SUPER FAST TRANSACTIONS & QUERIES, EFFICIENTLY WITH AMD EPYC™ PROCESSORS

Cloudera® running on AMD EPYC™ CPU-based servers empowers organizations to implement big data analytics solutions that scale as businesses grow. For cloud, IT, and data decision makers, AMD EPYC™ CPUs combined with Cloudera® deliver the right hardware on the right data platform. AMD & Cloudera® solutions enable customers to create new insights from the wealth of data they have at their fingertips on a unified, high-performance platform with security features designed into every chip.

## AMD & CLOUDERA®: A JOINT APPROACH TO MODERN ANALYTICS

### PERFORMANCE

The Right Platform  
with the Right Hardware



### SECURITY FEATURES

Persistent Protection  
designed into every chip



### ENERGY EFFICIENCY

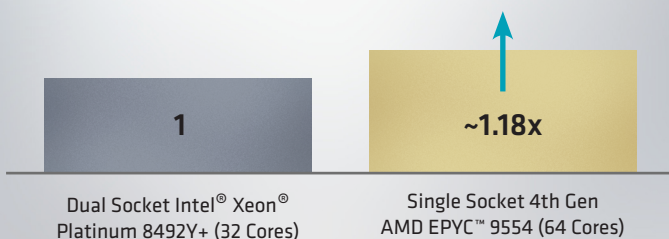
Streamlined Solutions to Help  
Achieve Sustainability Goals



## AMD EPYC™ PROCESSORS PERFORMANCE

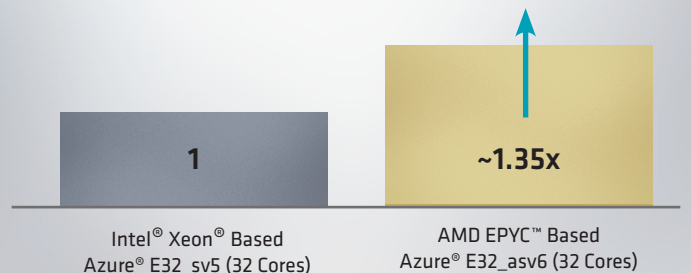
**~18% Better Throughput Performance <sup>1</sup>**

Decision Support Benchmark on TPC-DS  
(6-node cluster, SF1000 dataset)



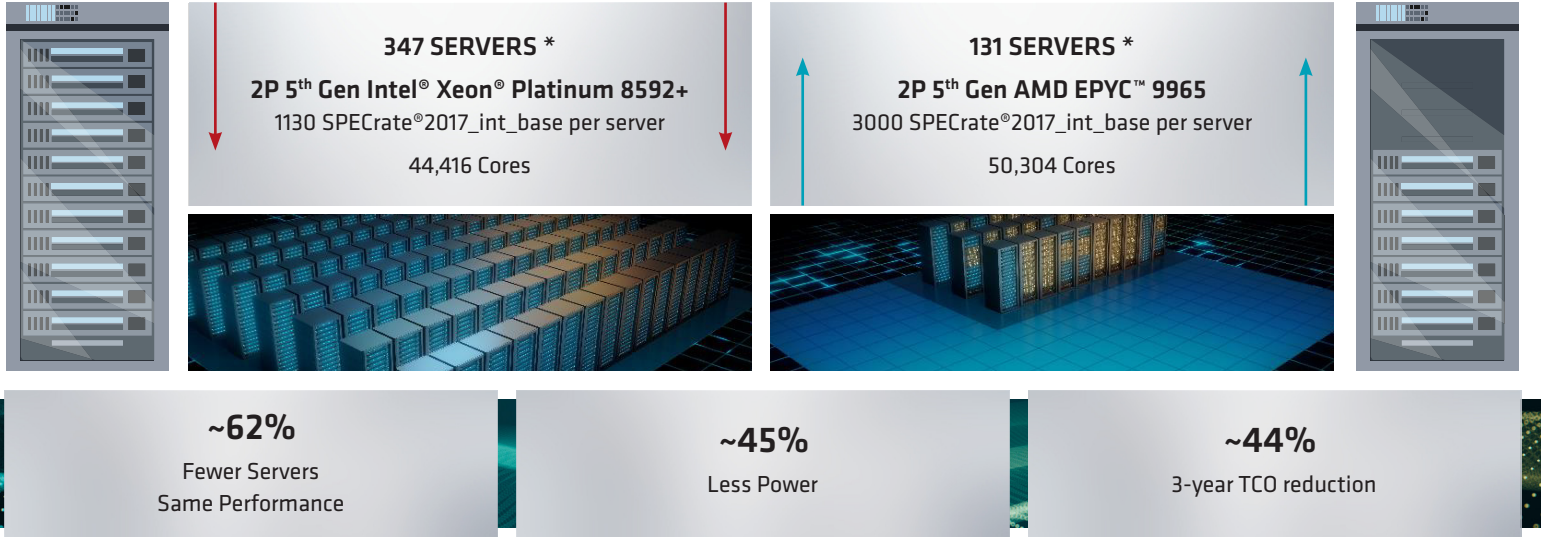
**~35% Better Performance/\$ <sup>SP5C-134</sup>**

Decision Support Benchmark on TPC-DS Derivative  
(Results may vary. As of 1/31/2025)



**Decision Support & Query Performance Leadership**

## AMD EPYC™ CONSOLIDATION FOR DEPLOYMENT



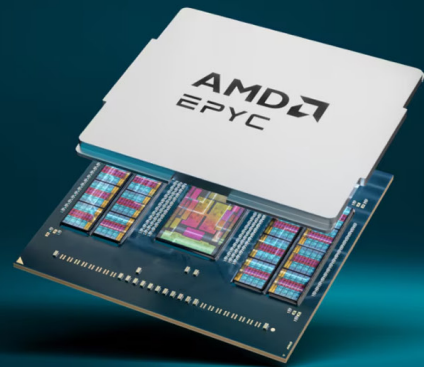
Results obtained running SPECint, may not represent performance achievable with Cloudera® workloads. See Endnote: [9xxSTCO-002A](#)

## FEATURED INDUSTRY PARTNERS



## RESOURCE LINKS

- [Why Cloudera + AMD](#)
- [Cloudera Data Platform on AMD-powered Dell Infrastructure](#)
- [HPE Reference Architecture for Cloudera Data Platform](#)
- [Lenovo Big Data Reference Design for Cloudera Data Platform](#)
- [Lenovo Big Data Solutions for Cloudera Data Platform](#)



1 - <https://www.amd.com/content/dam/amd/en/documents/epyc-technical-docs/performance-briefs/amd-epyc-9004-pb-cloudera-64c.pdf>

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