

HPE Solutions with Aerospike



What's new

- Aerospike has joined the HPE Complete portfolio of partners which brings confidence and convenience to acquiring and deploying complete solutions that combine HPE with industry-leading ISV products.
- HPE and Aerospike have validated purpose built configurations for Aerospike based on both the high performance HPE Alletra 4110 EDSFF and the HPE ProLiant DL380 Gen10 Plus servers.
- Aerospike SQL Powered by Starburst is a new Aerospike real-time data platform option that enables SQL users and developers to perform SQL analytics insights from real-time data.
- Aerospike Document Database provides comprehensive JavaScript Object Notation (JSON) document database capabilities including storing, processing, and querying JSON document data in real-time.
- Aerospike Connect for Elasticsearch

Overview

Do you want high-availability and real-time performance, at scale and reduced costs? Would you like to create a real business advantage by accessing more data, in less time? The HPE Solutions with Aerospike real-time data platform achieves all of them.

Modernized enterprise applications in finance, telco, government, healthcare, and retail require highly available historical and event-driven data in real-time and at scale. Today, these same companies need to reduce costs while creating business advantages through accessing and acting on more real-time data. This is what differentiates HPE Solutions with Aerospike. The Aerospike real-time database platform operates on a cluster of server nodes, using modern hardware technologies to drive predictable performance at sub-millisecond speeds from gigabytes to petabytes of data.

HPE edge-to-cloud products combined with Aerospike real-time database platform enables organizations to act across billions of transactions in real time.

enables developers and data architects to leverage Elasticsearch, a popular open-source search and analytics technology.

Features

Unlimited Scale

HPE Solutions with Aerospike allows you to scale from gigabytes to petabytes, without performance degradation of latency or throughput. Performance is predictable because it is linear across scale.

There is no need to re-program to account for scale concerns: you can develop on your desktop, take the same code and deploy it to the datacenter. Given the robustness of the platform, there is no need to create workarounds for operational issues.

Solutions can start very small, and scale to petabytes

Low Latency

HPE Solutions with Aerospike delivers sub-millisecond latency for the day's first transaction to the billionth—and beyond.

Same low latency from gigabytes to petabytes.

Predictable latency across multiple use cases.

Low latency for billions of database transactions a day.

Industry-Leading Uptime

HPE Solutions with Aerospike provides industry leading availability, with globally distributed and strongly consistent data.

The uptime allows resources to be deployed on more strategic work.

Aerospike customers have benefited from zero downtime for more than a decade.

Avoid severity-level-one warnings.

Reduce Costs, Grow Business.

HPE Solutions with Aerospike allows you to reduce costs while growing your business—regardless of industry and decreasing energy consumption and carbon footprint.

Customers significantly reduce their server or cloud instance footprints.

Customers typically experience significant annual data growth which magnifies the benefits of the solutions minimal footprint requirements.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

Explore **HPE GreenLake**



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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product [PSN1014739843WWEN](#), February, 2024.


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