

Overview

HPE Solutions with Aerospike

The Modernization of Enterprise Applications in the Finance, Telco, Government, Healthcare, and Retail industries require a cost-effective, real-time access and action on large data sets of historical & event data. Creating business advantages by accessing & acting on more data in real-time while reducing the total cost of ownership is what differentiates Aerospike as an HPE Complete partner solution.

The Aerospike Real-time Database Platform is a multi-model data platform designed to operate efficiently on a cluster of server nodes to drive predictable performance at sub-millisecond speeds from gigabytes to petabytes of data, allowing organizations to act in real time across billions of transactions. Aerospike Real-time Database Platform uses massive parallelism and a hybrid memory model to ensure the smallest possible server footprint. Aerospike ingests and acts on streaming data at the edge and can combine edge data with data from systems of record, third party sources, data warehouses, or data lakes for operational, transactional, or analytical workloads - all in real-time.

The HPE Alletra 4110 data storage server is an optimal hardware complement to Aerospike. The HPE Alletra 4110 provides more data throughput, data processing, and data capacity in a seamless to deploy yet high-density 1U form factor. It is specifically designed to run the most performance-demanding data storage-centric workloads from data stores for machine learning (ML) and analytics to distributed and NoSQL databases, performance-sensitive Software-Defined Storage, and data-heavy hyper-converged infrastructure. The ability to support high performance workloads is achieved through a shared-nothing design and by delivering an ideal balance of superior data capacity, throughput, and processing for data storage-centric workloads in an ultra-dense, standard rack depth form factor that is seamless to deploy in any data center. HPE Alletra 4110 helps to eliminate the costly compromises of storage appliances and general-purpose server infrastructure.

The HPE Alletra 4110 data storage server with Aerospike's database platform are designed for the highest performance, data-centric workloads across industry verticals for the most data intensive use cases including:

- Real-time recommendation engines: Aerospike is often used to power real-time recommendation engines that provide personalized recommendations to users based on event data and their past behavior, preferences, and other data.
- Fraud detection and prevention: Aerospike is used to detect and prevent fraud by processing large volumes of data in real-time and identifying patterns that indicate fraudulent activity.
- Ad targeting: Aerospike is used to target ads to specific users based on their behavior and other data.
- User profile management: Aerospike is used to store and manage user profiles for applications that require real-time access to user data.
- IoT data storage: Aerospike is used to store and process data from Internet of Things (IoT) devices, such as sensors and smart home devices.
- High-speed data caching: Aerospike is used to cache frequently accessed data in memory for fast retrieval, which can help improve the performance of applications.
- E-commerce applications: Aerospike is used to power e-commerce applications that require fast, real-time access to product information, inventory data, and customer information.
- Online gaming: Aerospike is used to store and manage data for online gaming applications that require low-latency access to data, such as player profiles, fraud detection, customer experience, and game state information.
- HealthCare: Aerospike is used for data democratization for real time staffing and patient use cases.
- Financial services: Aerospike is used to store and process data for financial services applications that require low-latency access to data, such as stock quotes, account balances, and transaction data.
- Real-time analytics: Aerospike is used to perform real-time analytics on large volumes of data, such as clickstream data, social media data, and sensor data.
- Aerospike as a real-time Machine Learning (ML) feature store: a centralized repository that stores and manages the features used for building and deploying machine learning models. With a real-time feature store, data scientists can easily access and serve features in real-time, enabling the deployment of models that require up-to-date information. This can be particularly useful for ML based applications where real-time updates are critical.

Overview

HPE Complete – Developing, Optimizing and Validating HPE industry leading products with Industry leading ISV Solutions

HPE Complete enables the purchase of best in class third party branded products with the added reliability of Hewlett Packard Enterprise’s interop assurance for a complete validated solution, all via one HPE purchase order.

Benefits

- Offering customer solutions requiring both HPE and 3rd party products via one HPE purchase order.
- Find tailored HPE product configurations that have been validated for use with industry leading software solutions. Most solutions come with custom HPE/Partner configuration and integration guides and tools.
- These solutions utilize both third-party expertise and HPE for installation, support, and warranty. The third-party and HPE cover their respective parts of the solutions. However, HPE Complete engineering will step in to facilitate third-party issue resolution when required to assist in overall customer satisfaction.
- Risk, complexity and cost are minimized when deploying multi-vendor products and technologies into customer ecosystems.

For more information please refer [HPE Complete](#) on HPE.com

Aerospike are made available by the HPE Complete Program. For the updated list of supported HPE Server node options, please see the HPE configuration guide for Aerospike: <https://www.hpe.com/psnow/doc/a50008156enw>

Powering the Right Now Enterprise

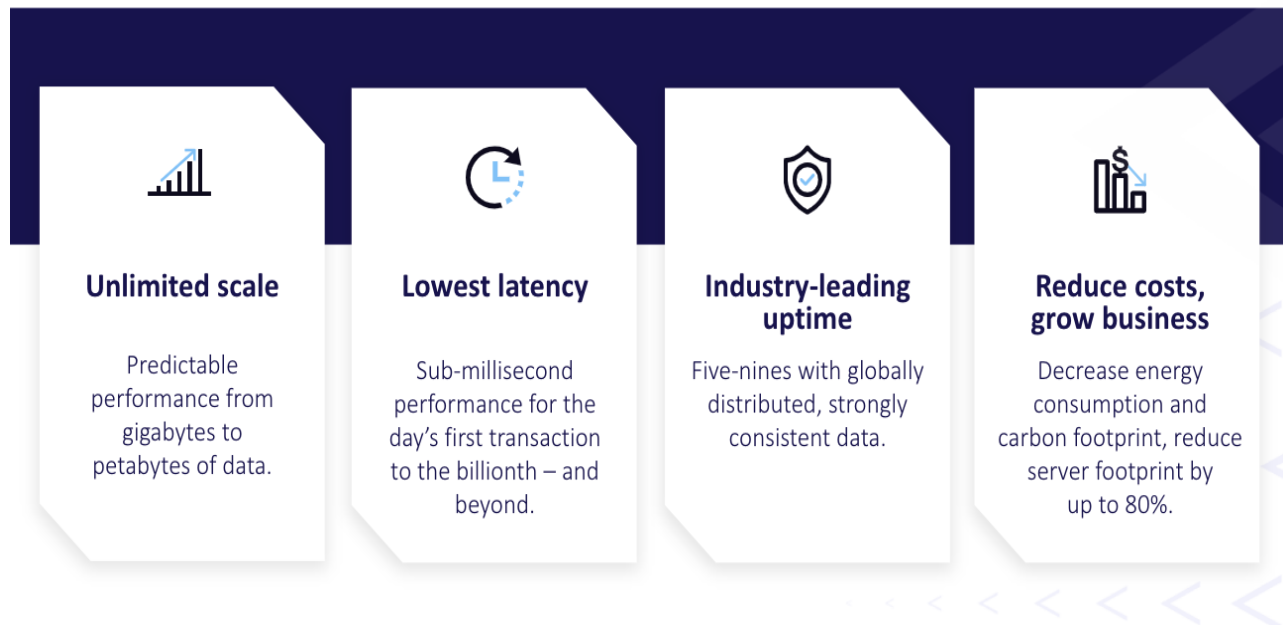


Figure 1 Aerospike really can deliver on all four of these benefits, simultaneously. You don't have to choose or trade-off.



Overview

How Aerospike does it

Designed to overcome limitations where others fail

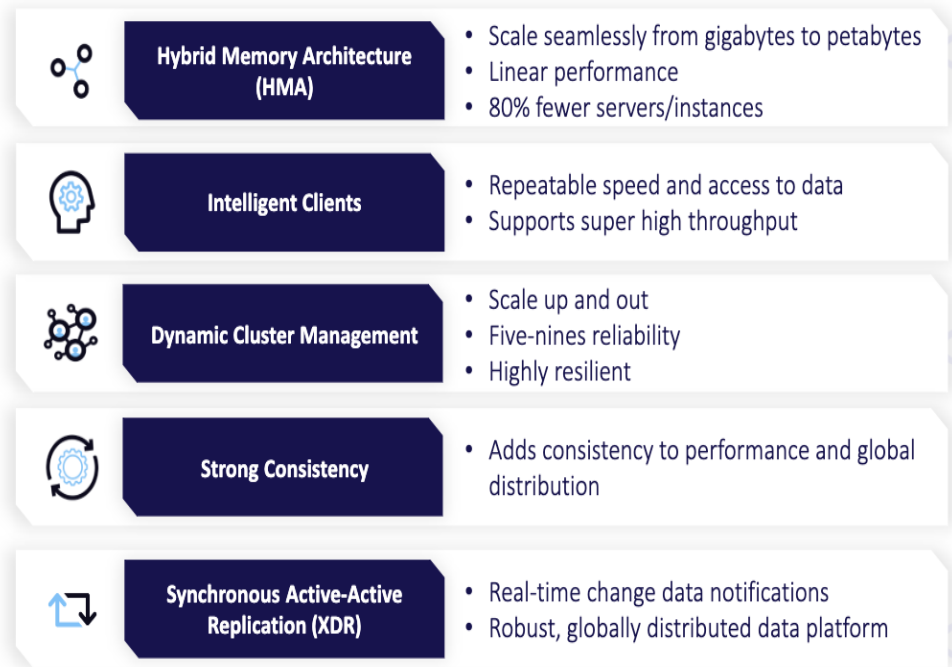


Figure 2

Hewlett Packard Enterprise has made the following purpose built systems for Aerospike available via HPE Complete.

Models

HPE Alletra 4110 EDSFF Data Solutions

Description

HPE Alletra 4110 20EDSFF Data Solutions Configure-to-order Server
 HPE Alletra 4110 20EDSFF Server for Aerospike Tracking

SKU
 S1R94A
 S1S84A

HPE Alletra 4110

- The HPE Alletra 4110 has 24 DDR5 that can be configured with up to 3 TB DDR5 memory at 4800 MT/s speed. The HPE Alletra 4110 can store more data with up to 20 front-accessible new generation Enterprise and Data Center Standard Form Factor (EDSFF) or Small Form Factor (SFF) NVMe SSDs for a total of over 300 TB in an ultra-dense, standard rack depth 1U form factor. The EDSFF bays can host both flash disk (SSD) but also (in the future) Storage Class Memory (the CXL protocol support is required).
- The 4110 includes up to 20 EDSFF or SFF NVMe-Express SSDs, with up to 315 GB/sec of PCI-Express 5.0 bandwidth.
- The HPE Alletra 4110 has two 4th generation Intel® Xeon® Scalable processors totaling up to 96 cores. Moreover, it supports GPU or FPGA accelerator.
- Zero trust security from silicon to software and factory to cloud with HPE Integrated Lights Out 6, DMTF Security Protection Data Model support, and FIPS140-2 Self-Encrypting Drives.
- An intuitive Cloud operating experience built on the HPE GreenLake Cloud Platform for simplified and automated lifecycle management, including dramatically easier firmware management. This includes the option for consuming as-a-service via HPE GreenLake, enabling you to shift from owning and maintaining to simply utilizing it.



Overview

HPE Alletra 4110

Notes: HPE Alletra 4110 based server configurations should be built via the HPE ordering (OCA) wizard tool , using the BoM guidelines for the HPE Solutions with Aerospike Alletra 4110 server configurations, provided in this document:

<https://www.hpe.com/psnow/doc/a50008156enw>

HPE ProLiant DL380 Gen10 Plus

Notes: HPE ProLiant DL380 based server configurations should be built via the HPE ordering (OCA) tool, using the BoM guidelines for Aerospike DL380 HPE server configurations, provided in this document:

<https://www.hpe.com/psnow/doc/a50008156enw>

Aerospike Software Subscription SKUs

Notes:

- Aerospike subscriptions are sold based on usable capacity, with a license required for every 1TB of usable capacity. Usable capacity may be calculated by simply working with the Aerospike team and using Aerospike Sizer tool (email Aerospike at HPE-Sales-Questions@Aerospike.com for any questions).
- Each Aerospike software subscription license includes: 2 Data Base (DB) Connectors.
- Aerospike software subscription SKUs can be used for new (#001), expansion (#002) or renewal (#003) deployments.

Aerospike Database Enterprise Edition Standard AP (Availability & Performance)

Description

Description	SKU
Aerospike Database Enterprise Edition Standard AP per TB 1-10TB 1-year Subscription E-LTU	S1J15AAE
Aerospike Database Enterprise Edition Standard AP per TB 11-25TB 1-year Subscription E-LTU	S1J16AAE
Aerospike Database Enterprise Edition Standard AP per TB 26-50TB 1-year Subscription E-LTU	S1J17AAE
Aerospike Database Enterprise Edition Standard AP per TB 51-100TB 1-year Subscription E-LTU	S1J18AAE
Aerospike Database Enterprise Edition Standard AP per TB 100TB+ 1-year Subscription E-LTU	S1J19AAE
Aerospike Database Enterprise Edition Standard AP per TB 1-10TB 3-year Subscription E-LTU	S1J20AAE
Aerospike Database Enterprise Edition Standard AP per TB 11-25TB 3-year Subscription E-LTU	S1J21AAE
Aerospike Database Enterprise Edition Standard AP per TB 26-50TB 3-year Subscription E-LTU	S1J22AAE
Aerospike Database Enterprise Edition Standard AP per TB 51-100TB 3-year Subscription E-LTU	S1J23AAE
Aerospike Database Enterprise Edition Standard AP per TB 100TB+ 3-year Subscription E-LTU	S1J24AAE
Aerospike Database Enterprise Edition Standard AP per TB 1-10TB 5-year Subscription E-LTU	S1J25AAE
Aerospike Database Enterprise Edition Standard AP per TB 11-25TB 5-year Subscription E-LTU	S1J26AAE
Aerospike Database Enterprise Edition Standard AP per TB 26-50TB 5-year Subscription E-LTU	S1J27AAE
Aerospike Database Enterprise Edition Standard AP per TB 51-100TB 5-year Subscription E-LTU	S1J28AAE
Aerospike Database Enterprise Edition Standard AP per TB 100TB+ 5-year Subscription E-LTU	S1J29AAE
Aerospike Database Enterprise Edition Standard AP per TB 1-10TB 1-month Co-term Subscription E-LTU	S1J30AAE
Aerospike Database Enterprise Edition Standard AP per TB 11-25TB 1-month Co-term Subscription E-LTU	S1J31AAE
Aerospike Database Enterprise Edition Standard AP per TB 26-50TB 1-month Co-term Subscription E-LTU	S1J32AAE
Aerospike Database Enterprise Edition Standard AP per TB 51-100TB 1-month Co-term Subscription E-LTU	S1J33AAE
Aerospike Database Enterprise Edition Standard AP per TB 100TB+ 1-month Co-term Subscription E-LTU	S1J34AAE

Aerospike Database Enterprise Edition Premium SC (Strong Consistency)

Aerospike Database Enterprise Edition Premium SC per TB 1-10TB 1-year Subscription E-LTU	S1J35AAE
Aerospike Database Enterprise Edition Premium SC per TB 11-25TB 1-year Subscription E-LTU	S1J36AAE
Aerospike Database Enterprise Edition Premium SC per TB 26-50TB 1-year Subscription E-LTU	S1J37AAE
Aerospike Database Enterprise Edition Premium SC per TB 51-100TB 1-year Subscription E-LTU	S1J38AAE
Aerospike Database Enterprise Edition Premium SC per TB 100TB+ 1-year Subscription E-LTU	S1J39AAE

Overview

Description

	SKU
Aerospike Database Enterprise Edition Premium SC per TB 1-10TB 3-year Subscription E-LTU	S1J40AAE
Aerospike Database Enterprise Edition Premium SC per TB 11-25TB 3-year Subscription E-LTU	S1J41AAE
Aerospike Database Enterprise Edition Premium SC per TB 26-50TB 3-year Subscription E-LTU	S1J42AAE
Aerospike Database Enterprise Edition Premium SC per TB 51-100TB 3-year Subscription E-LTU	S1J43AAE
Aerospike Database Enterprise Edition Premium SC per TB 100TB+ 3-year Subscription E-LTU	S1J44AAE
Aerospike Database Enterprise Edition Premium SC per TB 1-10TB 5-year Subscription E-LTU	S1J45AAE
Aerospike Database Enterprise Edition Premium SC per TB 11-25TB 5-year Subscription E-LTU	S1J46AAE
Aerospike Database Enterprise Edition Premium SC per TB 26-50TB 5-year Subscription E-LTU	S1J47AAE
Aerospike Database Enterprise Edition Premium SC per TB 51-100TB 5-year Subscription E-LTU	S1J48AAE
Aerospike Database Enterprise Edition Premium SC per TB 100TB+ 5-year Subscription E-LTU	S1J49AAE
Aerospike Database Enterprise Edition Premium SC per TB 1-10TB 1-month Co-term Subscription E-LTU	S1J50AAE
Aerospike Database Enterprise Edition Premium SC per TB 11-25TB 1-month Co-term Subscription E-LTU	S1J51AAE
Aerospike Database Enterprise Edition Premium SC per TB 26-50TB 1-month Co-term Subscription E-LTU	S1J52AAE
Aerospike Database Enterprise Edition Premium SC per TB 51-100TB 1-month Co-term Subscription E-LTU	S1J53AAE
Aerospike Database Enterprise Edition Premium SC per TB 100TB+ 1-month Co-term Subscription E-LTU	S1J54AAE

Aerospike Database Enterprise Edition Plus SC (Strong Consistency) +Security

Aerospike Database Enterprise Edition Plus SC+Security per TB 1-10TB 1-year Subscription E-LTU	S1J55AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 11-25TB 1-year Subscription E-LTU	S1J56AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 26-50TB 1-year Subscription E-LTU	S1J57AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 51-100TB 1-year Subscription E-LTU	S1J58AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 100TB+ 1-year Subscription E-LTU	S1J59AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 1-10TB 3-year Subscription E-LTU	S1J60AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 11-25TB 3-year Subscription E-LTU	S1J61AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 26-50TB 3-year Subscription E-LTU	S1J62AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 51-100TB 3-year Subscription E-LTU	S1J63AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 100TB+ 3-year Subscription E-LTU	S1J64AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 1-10TB 5-year Subscription E-LTU	S1J65AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 11-25TB 5-year Subscription E-LTU	S1J66AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 26-50TB 5-year Subscription E-LTU	S1J67AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 51-100TB 5-year Subscription E-LTU	S1J68AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 100TB+ 5-year Subscription E-LTU	S1J69AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 1-10TB 1-month Co-term Sub E-LTU	S1J70AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 11-25TB 1-month Co-term Sub E-LTU	S1J71AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 26-50TB 1-month Co-term Sub E-LTU	S1J72AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 51-100TB 1-month Co-term Sub E-LTU	S1J73AAE
Aerospike Database Enterprise Edition Plus SC+Security per TB 100TB+ 1-month Co-term Sub E-LTU	S1J74AAE



Standard Features

Real-time Engine

Aerospike's real-time engine delivers the maximum performance possible and can scale to millions of transactions per second at sub-millisecond latency. Aerospike's real-time engine can seamlessly scale out across nodes, and can scale up on one node.

- Higher throughput levels across fewer nodes
 - Better failure characteristics (the probability of node failure typically increases as the number of nodes in a cluster increases)
 - An easier operational footprint (managing a 10-node cluster versus a 200-node cluster)
 - Lower total cost of ownership (TCO)
-

Query and Search

Aerospike utilizes technologies such as set indexes, secondary indexes and Aerospike Expressions to power real-time query performance on data at the edge, in a System of Record, and across data centers and clouds. Massively parallel secondary indexes enable complex querying and SQL queries. Aerospike Expressions enable highly efficient value-based searches closer to the data.

- Performing many expressions in parallel across all the servers on the cluster
 - Minimizing network traffic and making client applications more performant
 - Providing lower latencies and higher throughput for the applications
-

Dynamic Data Distribution

Aerospike provides dynamic data distribution via its shared-nothing cluster architecture, where all nodes are peers and there is no single point of failure. Using the Aerospike Smart Partitions™, data is distributed evenly across all nodes in the cluster for maximum performance and scale.

- Every node in the Aerospike cluster is identical
 - All nodes are peers
 - There is no single point of failure
-

Change Data Notification

Aerospike's Change Notification feature enables outside databases and message queues to be updated in parallel with writes from database clients. This is a key usability feature when Aerospike is used as the database of record.

- Uses Aerospike's Cross-Datacenter Replication (XDR) to publish changes
 - Each message that the system sends contains either an updated/inserted record or a record deletion notification, as well as useful metadata
-

Smart Cluster Management

Aerospike's dynamic cluster management handles node membership, network fault detection, and ensures a single consistent view of current cluster members.

- Automatically adjust transaction workload
 - Arrive at a single consistent view of current cluster members across all nodes in the cluster
 - Automatically detect new node arrival/departure and seamless cluster reconfiguration
 - Detect network faults and be resilient to such network flakiness
 - Minimize time to detect and adapt to cluster membership changes
-

No-code integrations with your data stack

Aerospike has created a series of connector products that provide tight integration with important components of a real-time data stack. Aerospike Connect products provide a direct and easy way to create real-time data pipelines with Spark, Kafka, Pulsar and more. These integrations require no special coding by developers and provide seamless SQL access and massively parallel data ingest for maximum throughput.



Standard Features

Unlimited Scale

Aerospike Database enables organizations to cost-effectively process gigabytes-to-petabytes of data to make real-time decisions with unlimited scale.

Supported Operating Systems for Aerospike

The Aerospike server is tested on the following Linux distributions:

- Ubuntu 18.04 & 20.04
 - CentOS 7, Red Hat Enterprise Linux (RHEL) 8, Rocky Linux 8, Oracle Linux 7, Amazon Linux 2
 - Debian 8 (removed in Server 6.0), 9 (removed in server 6.2), 10, and 11 (introduced in Server 6.0)
-



Service and Support

Service and Support for Aerospike Software

Aerospike software subscriptions include Premium 24x7 remote support and remote installation assistance from Aerospike.

Service and Support for Aerospike Software is provided directly by Aerospike, not by HPE. For any support and generic queries please contact Aerospike support at <https://aerospike.my.site.com/login>

Description

Aerospike Professional Services Enterprise Deployment Package Plus 104-hour 1-year Support

SKU

S1J13AAE

Aerospike Professional Services Technical Account Manager 20-hour per month 1-year Support

S1J14AAE

Notes:

- S1J13AAE includes 104 hours of onsite remote consulting over 12 months. Travel and Expenses (T&E) are not included.
- S1J14AAE includes 20 hours per month of on-site & remote consulting over 12 months. Travel and Expenses (T&E) are not included.

Service and Support for HPE Hardware

Protect your business beyond warranty with HPE PointNext Support Services provides a comprehensive portfolio including Advisory and Transformational, Professional, and Operational Services to help accelerate your digital transformation. From the onset of your transformation journey, Advisory and Transformational Services focus on designing the transformation and creating a solution roadmap. Professional Services specializes in creative configurations with flawless and on-time implementation, and on-budget execution. Finally, operational services provide innovative new approaches like Flexible Capacity and Complete Care, to keep your business at peak performance. HPE is ready to bring together all the pieces of the puzzle for you, with an eye on the future, and make the complex simple. Connect your devices:

Unlock all of the benefits of your technology investment by connecting your products to Hewlett Packard Enterprise. Reduce time, increase diagnostic accuracy and have a single consolidated view of your environment. By connecting, you will receive 24x7 monitoring, pre-failure alerts, automatic call logging, and automatic parts dispatch. HPE Tech Care Service and HPE Complete Care Service customers will also benefit from proactive activities to help prevent issues and increase optimization. All of these benefits are already available to you with your server storage and networking products, securely connected to HPE support.

Learn more about getting connected at <http://www.hpe.com/services/getconnected>

HPE Pointnext - Service and Support

HPE Pointnext - Service and Support

No matter where you are in your digital transformation journey, you can count on HPE Pointnext Services to provide the expertise you need, when and where you need it.

Advisory and Professional Services

Our Digital Next Advisory approach can help you identify, prioritize, and implement the right transformation initiatives to create new edge experiences, get real-time insights from all your data, and modernize your IT to enable new opportunities.

Operational Services

Take your IT operations to the next level with expertise and tools that can help save your staff time, manage complexity, and identify new ways to drive efficiency and effectiveness in your IT.



Service and Support

HPE Pointnext Tech Care

HPE Pointnext Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Pointnext Tech Care has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Pointnext Tech Care is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

HPE Pointnext Complete Care

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts. HPE Pointnext Complete Care provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

<https://www.hpe.com/services/completechcare>

HPE Lifecycle Services

Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Installation and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- HPE Implementation Assistance Service: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.
 - For a list of the most frequently purchased services using service credits, see the [Universal Service Credits Menu](#)

Other related services from HPE Pointnext Services:

HPE Education Services

Provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Defective Media Retention

An option available with HPE Pointnext Complete Care and HPE Pointnext Tech Care and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.



Service and Support

Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

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 QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

AI Powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a brand-new digital and data driven customer experience.

Sign into the new HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts, and powerful troubleshooting support through a new intelligent virtual agent with seamless transition when needed to a live support agent.

Learn more: <https://support.hpe.com/hpesc/public/home/signin>

HPE Support Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find HPE Support Services at <https://ssc.hpe.com/portal/site/ssc/>

Consume IT on your terms

HPE GreenLake brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

Managed services to run your IT operations

HPE GreenLake Management Services provide services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

Warranty of Proliant DL380 Gen10 Plus and Alletra 4110

This product is covered by a global limited warranty and supported by HPE Services and a worldwide network of Hewlett Packard Enterprise Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Pointnext operational services or customized service agreements. Hard drives have either a one year or three year warranty; refer to the specific hard drive QuickSpecs for details.

Notes: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:

<http://h17007.www1.hpe.com/us/en/enterprise/servers/warranty/>



Configuration Information

General guidelines

HPE solution with Aerospike includes selection of HPE Alletra 4110 EDSFF Data Solutions or HPE ProLiant DL380 Gen10 Plus combined with Aerospike software. <https://www.hpe.com/psnow/doc/a50008156enw>

New installations must choose one of the three Aerospike Database Enterprise Editions software subscription SKUs and the desired subscription duration (1yr, 3yr, 5yr). Note: 1-month subscription SKUs are to be used for co-term licensing only (up to 11 months).

- Standard AP (Availability & Performance)
- Premium SC (Strong Consistency)
- Premium Plus SC (Strong Consistency) + Security (includes LDAP, Encryption at Rest, Rack Aware (HA), and Kerberos Integration)

Aerospike subscriptions are sold based on usable capacity and are configured using a tiered license model based on the total number of TB's.

For any questions about configurations, usable capacity, or needing help with sizing please contact Aerospike at HPE-Sales-Questions@Aerospike.com

Example configurations

50TB Aerospike Database Enterprise Edition Standard AP solution required for 1 year, select S1J15AAE x qty 10, S1J16AAE x qty 15 and S1J17AAE x qty 25.

Qty	Description	SKU
10	Aerospike Database Enterprise Edition Standard AP per TB 1-10TB 1-year Subscription E-LTU	S1J15AAE
15	Aerospike Database Enterprise Edition Standard AP per TB 11-25TB 1-year Subscription E-LTU	S1J16AAE
25	Aerospike Database Enterprise Edition Standard AP per TB 26-50TB 1-year Subscription E-LTU	S1J17AAE

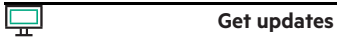
Summary of Changes

Date	Version History	Action	Description of Change
07-Aug-2023	Version 2	Changed	Overview section was updated
01-May-2023	Version 1	New	New QuickSpecs



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Contact our presales specialists.**



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Debian is a trademark of Debian.

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