

Overview

HPE Machine Learning Data Management Software

Do you need to enhance the performance and reproducibility of your ML Models by managing and processing large amounts of data in a scalable and efficient but cost-effective manner? HPE Machine Learning Data Management Software delivers a flexible AI data layer platform that automates complex MLOPs pipelines at scale, while ensuring data versioning and lineage for simplified reproducibility. Upgrade the limits of your data-driven pipeline with auto-scaling and parallel processing built on Kubernetes for resource orchestration. With standard object stores and automatic deduplication, all dependent data sets are quickly and easily updated when experimental data is modified, saving your engineers time and resources. This solution features immutable data lineage with data versioning of any data type to provide traceable results, allowing automation to continuously improve analysis and better understand experimental outcomes.

What's new?

- Generate simpler, clearer, and easy to debug code with the improved Python SDK.
 - Unlock agility with automated data transformations with data versioning and lineage.
 - Protect confidence in your confidentiality with role-based access controls and pluggable authentication.
 - Connect and deploy aaS across all major cloud providers and on-premises installations.
 - Container-native storage improves flexibility by supporting any programming language.
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Standard Features

Efficiency and Scalability

The HPE Machine Learning Data Management Software uses Kubernetes for resource orchestration, it processes petabytes of data and billions of scaling and parallel processing across multiple nodes.

Customize resource utilization and allocation-based records using auto- on demand to deliver reliable results and increase developer efficiency.

Automatic data deduplication to dramatically reduce processing time, resource demand and infrastructure cost with an effectively streamlined removal of redundant data and code.

Reproducibility and Automation

The HPE Machine Learning Data Management Software features flexible, data-driven pipelines that automatically trigger when change is detected and easily reproduce results with version-controlled repositories.

Simple and flexible control of the HPE Machine Learning Data Management Software pipeline system is designed to only process dependent changes, orchestrate batch or real-time data pipelines, and maintain data branches for testing alternate transformation pipelines.

Utilize reproducible models and data pipeline automation to efficiently collect and analyze data, helping your engineering teams observe, monitor, and retrain models more effectively.

Combine automation, data versioning, and parallel processing to transform expensive and unpredictable projects into streamlined, enterprise-grade AI/ML production workflows through end-to-end pipelines.

Reliable Reproduction

HPE Machine Learning Data Management Software features immutable pipeline data lineage, with data versioning for all types of data and a complete, auditable history of all processing steps.

Specifically defined pipeline outputs are stored in versioned data repositories powered by Kubernetes, allowing reproduction of transformations that occurred.

With new job commits executed on distributed data, unique job identification simplifies reproduction of specific jobs.



Configuration Information

Product SKUs and Ordering Experience

Notes: Contact your local sales representative for information on configurable product offerings and requirements.

HPE Machine Learning Data Management SKUs are software only and represent the license to access the platform and the number the users needed.

Description

	SKU
HPE Machine Learning Data Management Software 1-year Subscription E-LTU	S1S86AAE
HPE Machine Learning Data Management Software 3-year Subscription E-LTU	S2R35AAE
HPE Machine Learning Data Management Software Additional User E-RTU	S1S87AAE

Notes:

- Subscription is valid for the term of the license.
- Min=1 Quantity of HPE ML Data Mgmt SW Addl User E-RTU (S1S87AAE) must be ordered with HPE ML Data Mgmt Software E-LTU licenses (S1S86AAE, S2R35AAE)
- When renewing the license, it is recommended to add all the necessary users.
- Academic pricing available upon request.

OCA Ordering Process (mandatory and optional components)

The HPE Machine Learning Data Management Software OCA wizard allows users to select the software as standalone.

Users can find the HPE Machine Learning Data Management Software using any of the following methods:

- Entering through the search box -> HPE Machine Learning
- Entering through the catalog -> Software -> HPC Software-> AI-at-Scale

When configuring a hardware solution, the user will have the ability to select the HPE Machine Learning Data Management Software from the AI-at-Scale tab in the OCA wizard.



Service and Support

HPE Services

No matter where you are in your digital transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

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

Consulting Services

No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.

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

HPE Managed Services

HPE runs your IT operations, providing 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.

[HPE Managed Services | HPE](#)

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.

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

HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service 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
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<https://www.hpe.com/services/complecare>

HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service 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 Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service 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>



Service and Support

HPE Lifecycle Services

HPE 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:

- Lifecycle Install 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 Analysis 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.
- Implementation assistance services: 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.

Notes: To review the list of Lifecycle Services available for your product go to:

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

For a list of the most frequently purchased services using service credits, see the [HPE Service Credits Menu](#)

Other Related Services from HPE Services:

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

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

Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service 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 services options.

Parts and Materials

HPE 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 quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

How to Purchase Services

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 services at <https://ssc.hpe.com/portal/site/ssc/>



Service and Support

AI Powered and Digitally Enabled Support Experience

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

Sign into the 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 an intelligent virtual agent with seamless transition when needed to a live support agent.

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

Consume IT On Your Terms

HPE GreenLake edge-to-cloud platform 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 edge-to-cloud platform 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

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE"

<https://www.hpe.com/us/en/contact-hpe.html>

For more information

www.hpe.com/services



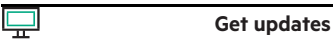
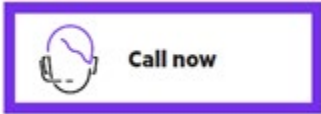
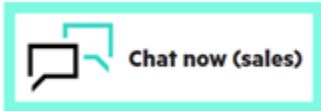
Summary of Changes

Date	Version History	Action	Description of Change
04-Dec-2023	Version 3	Changed	HPE Services Rebranding
06-Nov-2023	Version 2	Changed	Addition of 3Yr License SKU. Configuration Information section was updated.
01-May-2023	Version 1	New	New QuickSpecs



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For hard drives, 1GB = 1 billion bytes. Actual formatted capacity is less.

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