HPE iLO Advanced

HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features (BD505A)

What's new

- Added support for AMD EPYC™ 9004 Series processors.
- Global component integrity option allows HPE iLO 6 to verify and authenticate all the applicable components in the server using Security Protocol Data Model (SPDM) standard.
- Platform Level Data Model (PLDM) Downstream Drive firmware update support.
- Incorporated Secure Element controller on the system board for HPE iLO to enable transfer of ownership.
- Added support for separate power domains for system and GPU based on platform support.

Overview

Need to secure your server and remotely manage it? The HPE iLO Advanced license offers security and smart remote functionality without compromise for HPE ProLiant servers. This license includes the full suite of HPE iLO server management capabilities that offer users enhanced security, improved efficiency and ease of server management.
The Integrated Remote Console feature unlocked by this license lets you operate on your server from anywhere, anytime increasing productivity. It also unlocks all marque security features offered by HPE ProLiant servers such as directory integration and 2-factor authentication that complement the security features which are part of the base server offering. This license enables the complete group management capabilities provided by the HPE iLO Federation feature.
HPE iLO Advanced is available for HPE ProLiant, HPE Apollo and HPE Edgeline servers. HPE Synergy Compute Modules also include the HPE iLO Advanced capabilities, no license is needed.

Features

Sophisticated Remote Administration of Servers

HPE iLO Advanced provides Integrated Remote Console with virtual keyboard and mouse to significantly reduce IT cost associated with travel and unplanned downtime.

Supports global team collaboration for up to six consoles.

Console record and playback of server administration activity.

Virtual media and folders to simplify server set up.

Power management with 24-hour history and dynamic capping for health monitoring, power and thermal control.

Enhanced Security Features

HPE iLO supports factory-provisioned server identity (iLO IDevID) and user-defined server identity (iLO LDevID) that conforms with IEEE 802.1AR DevID standard. It also stores the factory-provisioned system certificates (System IDevID and System IAK).

Silicon root of trust from HPE provides unparalleled level of system protection against by taking advantage of immutable digital fingerprints in the HPE iLO chips provisioned at factory.

HPE iLO Advanced provides Directory Service Authentication that allows for user-password policies to be inherited from a directory without the need to update user-password setting in each server.

Common access card (CAC)/personal identity verification (PIV) card based on 2-factor authentication (available on HPE Gen10 server portfolios and later).

Kerberos authentication provides dual authentication allowing users to log in once and navigate between servers.

Simplified Server Management at Scale and Built-in Group Management with HPE iLO Federation

HPE iLO Advanced offers group virtual media which gives you the ability to replicate the same script media within an HPE iLO Federation group.

Group power control lets you turn several servers on and off with a single click.

Group power capping allows servers to share power consumption among a group of servers.

Group license activation for faster implementation of HPE iLO licenses.

HTML5 remote console for HPE iLO.

HPE Services

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

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. 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

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

For additional technical information, available models and options, please reference the QuickSpecs

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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.

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PSN5248230GREN, November, 2026.

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