



HPE ILO ADVANCED 1-SERVER LICENSE WITH 3YR SUPPORT ON ILO LICENSED FEATURES (BD505A)

Server iLO Management

WHAT'S NEW

- Server Configuration Lock ensures secure transit and locks server hardware configuration—enabling unparalleled detection of attempts to tamper server configuration.
- Workload Performance Advisor provides an easy method to monitor and receive real-time tuning recommendations to improve workload performance.
- One-button Secure Erase provides an easy method to re-purpose and redeploy your server, ensuring all user data on the server and secondary storage & NVRAM are erased, per NIST Standards 800-88r1.
- Support for Gemalto Safenet and Safenet AT key managers.
- HTML 5 Remote Console for iLO 4.

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 marquee 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 iLO Federation feature. HPE iLO Advanced is available for HPE ProLiant, HPE Apollo and HPE Edgeline Servers. HPE Synergy Compute Modules include 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

Unparalleled transit and endpoint tamper detection.

Support for all iLO Advanced Premium Security Edition features.

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 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.

Optimized Performance

HPE iLO Advanced gives you access to Hewlett Packard Enterprise patented Jitter Smoothing technology for significant performance improvements, real savings, and a more intelligent server environment.

Workload Performance Advisor, providing you an easy method to get maximum performance from your server by providing recommendations on the right BIOS parameter settings.

Jitter smoothing mitigates processor frequency fluctuation for reduced latency, more deterministic performance and, in some cases, improved overall workload throughput above Turbo Boost Mode [1] alone.

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

HPE iLO Advanced offers Group Virtual Media which gives you the ability to replicate the same script media within an 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 iLO licenses.

HTML5 remote console for iLO.



Technical specifications

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

Product Number

BD505A



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

HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

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HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

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

HPE GREENLAKE

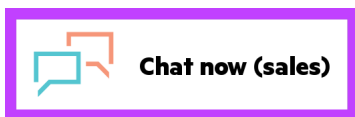
[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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

[1] Improved overall workload throughput above Turbo Boost Mode alone. HPE internal testing from the Performance Engineering Benchmarking team, April 2017.

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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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