



HPE PROLIANT E910 SERVER BLADE

ProLiant e910 Server Blades



WHAT'S NEW

- Compact and flexible 1U and 2U form factor.

OVERVIEW

Do you want to move software applications and compute closer to the user? Do you need to reduce moving the vast amounts of data to a centralized data center?

The HPE ProLiant e910 Server Blade allows you to deploy edge compute directly to where the data is being generated, reducing band width latency, and time taken for actionable insight. HPE ProLiant e910 Server Blade features a rugged, compact design that is certified for extended thermal environments of 0° to 55° Celsius within the HPE Edgeline EL8000 chassis. The HPE ProLiant e910 Server Blade architecture is based on Intel® Xeon® Scalable processors to

give you increased compute power and speed. The modular design of the HPE ProLiant e910 Server Blade provides a broad range of configuration choices in networking, storage, and I/O for enhancing your unique edge workloads.

FEATURES

Traditional Data Center Compute Capacities Now Can Be Deployed at the Edge

The HPE ProLiant e910 Server Blade supports industry standard technology leveraging the Intel Xeon Scalable processor family.

Each HPE ProLiant e910 Server Blade can be configured with M.2 NVMe SSD (up to 24 depending on the configuration) for edge workloads demanding greater storage performance and capacities.

Designed for I/O expansion, HPE ProLiant e910 Server Blade can adapt to your software application needs.

Seamless Remote Manageability for Deep Edge Environments

The HPE ProLiant e910 Server Blade comes standard with HPE iLO 5, which includes server management capabilities and Silicon Root of Trust from HPE so you can safely configure, monitor, and update your HPE servers seamlessly and from any location.

HPE iLO simplifies server setup, provides access to server health information, enables server management at scale, and improves server power and thermal control, as well as basic remote administration.

The HPE ProLiant e910 Server Blade with the HPE iLO 5 allows automation of common tasks during each step of the server lifecycle which can increase ROI and decrease TCO.

Modular Configurations for Workload Optimization

HPE ProLiant e910 Server Blade provides the choice of compute density or I/O expansion which provides you peak configuration for your needs.

The HPE Edgeline EL8000 Chassis provides 4U space for configuring either the HPE ProLiant e910 1U Server Blade, the HPE ProLiant e910 2U Server Blade, or a combination of both.

A broad range of GPU accelerators can be configured within the HPE ProLiant e910 Server Blades, which increases the ability for deep learning at the edge.



Technical specifications

HPE ProLiant e910 Server Blade

Processor Name	Intel Xeon Scalable processors - Generation 2
Processor family	Intel® Xeon® Scalable 8200 series Intel® Xeon® Scalable 6200 series Intel® Xeon® Scalable 5200 series Intel® Xeon® Scalable 4200 series
Processor speed	2.4 GHz
Processor core available	24 Core
Processor cache	35.75 MB L3
Drive description	Quantity of 2 M.2 SSD Standard, with up to an additional quantity 6 of M.2 SSD (optional) For details on configuration options, refer to the QuickSpecs.
Optical drive type	None
Expansion slots	Up to quantity of 4 - for details on configuration options refer to the QuickSpecs
Included hard drives	All M.2 SSD drives are optional
Memory type	HPE DDR4 SmartMemory
Memory slots	12 DIMM slots
Memory, standard	1 DIMM required, refer to the QuickSpecs for details
Storage controller	Optional
System fan features	Quantity of 9 system fans standard
Infrastructure management	HPE iLO 5 Advanced, features are standard
Product Dimensions (metric)	16.71 x 18.37 x 1.98 cm
Weight	3.6 to 3.9 kg, depending on the configuration
Warranty	3/3/3 server warranty includes three years of parts, three years of labor, and three years of on-site support coverage. Additional information regarding worldwide limited warranty and technical support is available at: http://h20564.www2.hp.com/hpsc/wc/public/home . Additional HPE support and service coverage for your product can be purchased locally. For information on availability of service upgrades and the cost for these service upgrades, refer to hpe.com/services/support .



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.

[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 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](#).

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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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