



HPE ProLiant e910 Server Blade

ProLiant Server Blades



What's new

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

Overview

Are you wanting 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? 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 configurations 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

HPE ProLiant e910 Server Blade comes standard with iLO 5, which includes server management capabilities and Silicon Root of Trust so you can securely 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 iLO5 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 of 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 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 option 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 nine system fans standard
Infrastructure management	HPE iLO5 Advanced, features are standard
Minimum dimensions (H x W x D)	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, three years of onsite 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


HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.


Operational Services


- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.


Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

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 **Buy now**

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