



HPE PROLIANT E910T SERVER BLADE

ProLiant e910 Server Blades



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?

The HPE ProLiant e910t Server Blade allows you to deploy edge compute close to where the data is being generated, conserving uplink bandwidth, connectivity cost, lowering security and corruption risk, improving compliance to data protection laws, and greatly reducing time to actionable insight.

Featuring a rugged, compact design that is certified for

extended thermal environments of 0° to 55° Celsius, the HPE ProLiant e910t is installed in the HPE Edgeline EL8000t Converged Edge System, which has been size, weight, and power fine-tuned. The HPE ProLiant e910t Server Blade architecture is based on Intel® Xeon® Scalable processors to give you increased compute power and speed. The modular design provides a broad range of configuration choices in networking, storage and I/O for customizing your unique edge workloads.

FEATURES

Enterprise Data Center Compute Capacities at the Edge

The HPE ProLiant e910 Server Blade supports industry standard technology leveraging the Intel® Xeon® Scalable processor family, and can be configured with fast, high-capacity (TB) storage to support enterprise-tier edge workloads.

High performance I/O including GPU, FPGA, or networking accelerators, allow it to support the same demanding software applications run in a data center or cloud, but now at the edge.

Seamless Remote Manageability for Deep Edge Environments

The HPE ProLiant e910t Server Blade is integrated with HPE iLO 5 which 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.

Cutting edge security technologies such as Silicon Root of Trust from HPE allows you to safely configure, monitor, and update your Hewlett Packard Enterprise servers seamlessly and from any location.

iLO Amplifier Pack can discover and inventory up to 10,000 servers providing you with detailed server inventory and downloadable reports. The massive scale enables you to view your complete inventory and keep your HPE servers up to date from a single dashboard.



Technical specifications

HPE ProLiant e910t Server Blade

Processor Name	Intel® Xeon® Scalable Silver 4210 Processor (10 core, 2.2 GHz, 3.75 MB, 85W) Intel® Xeon® Scalable Gold 6212U Processor (24 core, 2.4 GHz, 35.75 MB, 165W) Intel® Xeon® Scalable Gold 6244 Processor (8 core, 3.6 GHz, 24.75 MB, 150W) Intel® Xeon® Scalable Gold 6230N Processor (20 core, 2.3 GHz, 27.5 MB, 125W) Intel® Xeon® Scalable Gold 6254 Processor (18 core, 3.1 GHz, 24.75 MB, 200W) Intel® Xeon® Scalable Platinum 8280M Processor (28 core, 2.7 GHz, 38.5 MB, 205W)
Processor family	Single Socket Intel® Xeon® Scalable, up to 205W TDP (supporting up to 8xxx Platinum series)
Processor speed	3.6 GHz maximum, depending on processor
Processor core available	8 to 28 cores, depending on processor
Processor cache	13.75 - 38.5 MB L3, depending on processor
Drive description	6 HPE M.2 NVMe with optional M.2 x4 NVMe mezzanine 2 HPE M.2 SATA
Optical drive type	None supported
Expansion slots	3 PCIe 3.0, for detailed descriptions reference the QuickSpecs
Included hard drives	None ship standard, 6 M.2 drives supported
Memory type	HPE DDR4 SmartMemory
Memory slots	12 DIMM slots
Maximum memory	1.5 TB with 128 GB DDR4
Memory, standard	Depending on configuration
Memory protection features	ECC Memory Apache Pass support
Network controller	One Integrated 1Gbps and/or optional integrated 4x10G and/or optional 10/25 Gb 2-port 661SFP28
Power supply type	1 HPE Edgeline EL8000 Front Cabling Chassis 1500W 264VAC power supply kit or 1 HPE Edgeline EL8000 Front Cabling Chassis 1500W -48VDC power supply kit
Infrastructure management	HPE iLO Advanced
Product Dimensions (metric)	8.13 x 21.34 x 36.58 cm
Weight	3.17 kg
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 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.

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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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