



# HPE EDGELINE E920T SERVER BLADE

## Edgeline Systems

### WHAT'S NEW

- 3rd Generation Intel® Xeon® Scalable processor family with DDR4 memory and PCIe Gen 4.
- Intel® VROC (RAID) support on M.2 drives.
- Persistent memory support.
- Four (4) M.2 NVMe drives on motherboard and four (4) additional with optional riser.

### OVERVIEW

Do you need a proven 5G far-edge compute platform that's secure and reliable, while still offering versatility of workload?

The HPE Edgeline e920t Server Blade is a multi-workload edge powerhouse designed to drive your business into the future with support for virtualized RAN (vRAN) for 5G, multi-access edge computing, and retail video analytics. Designed to exceed NEBS Level 3 and perform in size-, weight-, and power-constrained environments, the HPE Edgeline e920t Server Blade is the server you need when rugged, dense compute is required. A bladed design allows for easy slide-in, slide-out maintenance and upgrades.

With a wide range of I/O options, industry-leading manageability, and security with iLO, the HPE Edgeline e920t Server Blade is the compute solution to meet your workload needs at the edge in Telco, retail, and more.

### FEATURES

#### **Outperform in Ruggedized Environments at the Telco Edge**

Leveraging the 3rd Generation Intel Xeon Scalable processor family, HPE Edgeline e920t Server Blades provide a high-performance system enhanced for ruggedized environments. Additional PCIe lanes have enabled a range of I/O options including powerful GPUs and accelerators.

Designed to exceed the rigorous NEBS Level 3 compliance standard but performs in size-, weight-, and power-constrained environments. Options such as M.2 NVMe SED storage help enable an operating temperature range of 0°C to

55°C, and a highly performant compute solution.

**Improved Telco Customer Success Right Out of the Box with a Full Feature Stack**

Partnerships with key network equipment providers (NEPS) and support for operating systems like Wind River OS have enabled HPE Edgeline e920t Server Blades to conquer harsh telco edge environments with ease.

Range of I/O options including extra-large GPUs and accelerators. By using vRAN Dedicated Accelerator ACC100 with Intel's eASIC technology, forward error correction (FEC) is easily accomplished on HPE Edgeline e920t Server Blades.

Bladed architecture makes upgrades and servicing a breeze. Previous-generation server blades are fully compatible with this system, so by using different blades and product generations, you can run two applications side-by-side or upgrade an existing chassis system with ease.

**Enhanced Manageability and Security at the Edge**

HPE Edgeline e920t Server Blades with HPE iLO 5 and Silicon Root of Trust mitigate risk in mission-critical edge environments. By leveraging iLO 5 capability, managing your system with health monitoring and firmware management is easy with enhanced security features.

With an expanding environment outside the data center, Hewlett Packard Enterprise manageability systems require fewer traditional IT skills, which improves your company's ability to update, configure, and monitor systems from all locations.

**Technical specifications**

**HPE Edgeline e920t Server Blade**

<b>Built-in I/O</b>	iLO Management Port through EL8000t Chassis Controller installed
<b>Storage</b>	Quantity 4 M.2 NVMe Standard with additional 4 M.2 NVMe if using mezzanine (optional)
<b>Mechanical and power</b>	Power options include 900W 48VDC, 1500W 264VAC, or 1500W 48VDC
<b>Environmental, shock and vibration</b>	NEBS Level 3 Compliant
<b>Expansion slots</b>	3 PCIe 4.0, for details on configuration options refer to the QuickSpecs
<b>Product Dimensions (metric)</b>	16.71 x 18.37 x 1.98 cm
<b>Weight</b>	3.6 to 3.9 kg, depending on the configuration
<b>Warranty</b>	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: <a href="http://h20564.www2.hp.com/hpsc/wc/public/home">http://h20564.www2.hp.com/hpsc/wc/public/home</a> . 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 <a href="http://hpe.com/services/support">hpe.com/services/support</a> .



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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