



Hewlett Packard
Enterprise

HPE EDGELINE EL8000 CONVERGED EDGE SYSTEM

Edgeline Systems



WHAT'S NEW

- 10G SFP+ switch for high-speed data uplink
- RJ45 network riser kit for ethernet connections.
- SFP+ network riser kit for additional SFP+ connections.
- NEBS Enablement Kits for NEBS certification.
- Cable kits for state of the art GPUs and FPGAs.

OVERVIEW

Want to multiplex server blade data on a 10G data plane?

The HPE Edgeline Converged Edge Systems Options support a 10G SFP+ switch to provide a high-speed interface for faster data transfers. In addition, it supports RJ45/SFP+ connections on network riser kits, giving you more flexibility and connectivity for your specific infrastructure. The storage bay and connectivity for your specific infrastructure allows high-capacity data logging and analytics on that data. Finally, NEBS (Network Equipment

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- Storage Bay infrastructure that can host up to 8 high-capacity drives for data-intensive workloads.

Building Systems) kits will allow certification to comply with NEBS requirements for telecommunication customers to operate at optimum capacity.

FEATURES

Compact Ruggedized Form Factor for Deployments Far from a Data Center

Designed specifically for space-constrained environments, the HPE Edgeline EL8000 Converged Edge system has a unique 17-inch depth form factor that fits into limited infrastructures too small for other x86 systems.

The chassis has an 8.7-inch width which brings additional flexibility for deploying at the deep edge, whether it is in a telco environment, a mobile vehicle, or a manufacturing floor.

This NEBS-compliant system delivers secure scalability.

Modular Design Providing Broad Configuration Possibilities

The HPE Edgeline EL8000 Converged Edge system offers flexibility of choice for compute density or for I/O expansion.

These compact, ruggedized systems offer high-performance capacity to support the use cases that matter most, including media streaming, IoT, AI, and video analytics.

The HPE Edgeline EL8000 is a versatile platform that enables edge compute transformation so as use case requirements change, the system's flexible and modular architecture can scale to meet them.

Seamless Management and Security Features with HPE Edgeline Chassis Manager

The HPE Edgeline EL8000 Converged Edge system features the HPE Edgeline Chassis Manager which limits downtime by providing system-level health monitoring and alerts.

Increase efficiency and reliability by managing the chassis fan speeds for each server blade installed in addition to monitoring the health and status of the power supply.

It simplifies firmware upgrade management and implementation with HPE Edgeline Chassis Manager

10G SFP+ Switch support, NEBS enablement for Telcos and Support for High-Capacity Data Storage

HPE Edgeline Converged Edge Systems Options feature a switch which allows high-speed data backhaul.

HPE Edgeline Converged Edge Systems Options offer NEBS which are key certifications that telecommunication customers need in their equipment.

Certified components in a telecommunication network improves reliability, security,



and safety, and builds trust in the users of the equipment.

The HPE Edgeline Converged Edge Systems Options feature a Storage Bay that allows up to 8 high-capacity drives to store data for intensive workloads such as autonomous vehicle data logging and information security.

Technical specifications

HPE Edgeline EL8000 Converged Edge System

High-density compute nodes	4U design for either/or HPE ProLiant e910 1U Server Blades, HPE ProLiant e910 2U Server Blades.
Storage	Storage is configured on the HPE ProLiant e910 Server Blade
Mechanical and power	Height - 8.3 inches (5U) (21.2 cm), Width - 8.7 inches (22.1 cm), Depth - 17 inches (43.2 cm). Typical Weight is 50 lb to 58 lb (22.7 kg- 26.3 kg), Rack Mount possible, 264VAC, 1500W, -48DC, 1500W 1+1 redundant power
Environmental, shock and vibration	Extended operating temperature from 0°C up to 55°C (0°F up to 131°F) (depending on configuration), Storage -30 to 60°C (-22°F to 140°F) 95% non-condensing humidity Operating Shock, IEC 60068-2-27, 30G half-sine, 11ms duration Operating Vibration, IEC 60068-2-64, 3Grms random 5 ~ 500Hz one hour per axis
Product Dimensions (metric)	21.2 x 22.1 x 43.2 cm
Weight	22.7 - 26.3 kg
Warranty	3-Year Parts, 3-Year Labor, 3-Year Onsite support. Additional information regarding worldwide limited warranty and technical support is available at: http://h20564.www2.hpe.com/hpsc/wc/public/home . Additional Hewlett Packard Enterprise 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.

Image may differ from the actual product
[PSN1011622898USEN](#), November, 2021.