HPE Edgeline EL8000t Converged Edge System

Overview

Need a rugged, far-edge server designed for extreme conditions?

The HPE Edgeline EL8000t Converged Edge System is designed to deliver high performance, low latency data ingestion, and processing in the most hostile far-edge environments. Based on open standards, the HPE Edgeline EL8000t provides the flexibility to deploy common tools and architecture from edge to cloud, reducing deployment, operational, and training costs. This open standards architecture also allows customers to choose the hardware and software that best meets their workload requirements, avoiding vendor lock-in.
Purpose-built for telco environments, the HPE Edgeline EL8000t boasts an ultra-dense, short depth chassis with size, weight, and power specifications to support rack configuration flexibility in a small footprint. This enables communication service providers to process vast amounts of data in real time directly at the edge. Redundant cooling and power supply options provide system failure protection.

Features

Relentlessly Ruggedized to Perform in the Harshest Environments

The HPE Edgeline EL8000t Converged Edge System features operational temperature thresholds from -5 to 55 degrees C (23 – 131 degrees F), designed to meet MIL-PRF-28800F class 3 thermal limits.

Designed to exceed NEBS Level 3 compliance.

Operational humidity levels are up to 90%, noncondensing.

HPE Edgeline EL8000t Converged Edge System has the ability to withstand operational shock up to 10G.

Open, Standards-Based Architecture Delivers Flexibility and Cost Optimization

HPE Edgeline EL8000t Converged Edge System is built with common tools and architecture from edge to cloud, reducing deployment and training costs.

Single set of hardware to deploy, manage, and support, reduces operational costs.

This product provides flexibility to choose the options and software that best meet your workload requirements.

Purpose-built for Mission Critical Telco Environments

HPE Edgeline EL8000t Converged Edge System features an ultra-dense, short depth chassis that provides rack configuration flexibility in a small footprint.

Size, weight, and power optimized to fit into both existing and new environments.

Redundant cooling and power, reduce downtime in remote locations.

Technical specifications	HPE Edgeline EL8000t Converged Edge System
Storage	Up to 40 TB NVMe, configured on the HPE ProLiant e910t server blade
High-density compute nodes	2U design, up to two HPE ProLiant e910t server blades
Mechanical and power	Rack mount 90 – 264 VAC input, 1500 Watts, -40 – 72 DAC input, 1500 Watts, High efficiency 1+1 redundant power, Titanium Power Supply Kit
Environmental, shock and vibration	Operating temperature -5 – 55 Celsius, storage -40 – 70 Celsius 8% to 90% operating humidity non-condensing 5% to 95% non-operating humidity non-condensing NEBS Level 3 compliance ASHRAE Class 3 and Class 4 compliance
Warranty	3-Year Parts, 3-Year Labor, 3-Year Onsite support. Additional information regarding worldwide limited warranty and technical support is available at: https://support.hpe.com/hpesc/public/docDisplay?docId=sd00004309en_us. 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.

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

For additional technical information, available models and options, please reference the QuickSpecs

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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.

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