Overview

HPE Compute Edge Server e930t

HPE Compute Edge Server e930t outperforms in ruggedized edge environments in Telco, AI, Retail, and more.

The HPE Compute Edge Server e930t is a multi-workload powerhouse designed to drive your business into the next generation with workload support for virtualized radio access network (vRAN) for 5G, multi-access edge computing, virtual cable modem termination systems (vCMTS), or AI retail video analytics.

Leveraging the **4th Generation Intel® Xeon® Scalable processors with Intel® vRAN Boost (Sapphire Rapids MCC-EE vRAN)**, HPE Compute Edge Server e930t provides a high-performance system optimized for ruggedized environments.

System designed to exceed the rigorous NEBS Level 3 compliance standard and GR-3108 Class 1, while being efficiently size, weight, and power optimized. Using high-performance options such as M.2 NVMe storage with secure encrypted drive functionality helped enable an operating temperature range of 0°C to 55°C, and a highly performant compute solution.

HPE Compute Edge Server e930t improves 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 such as Wind River have enabled HPE Compute Edge Server e930t to conquer harsh telco edge environments easily.

I/O options match market needs. By using virtualized RAN (vRAN) for 5G with Intel's vRAN Boost and eASIC technology, forward error correction (FEC) is easily accomplished on HPE Compute Edge Server e930t.

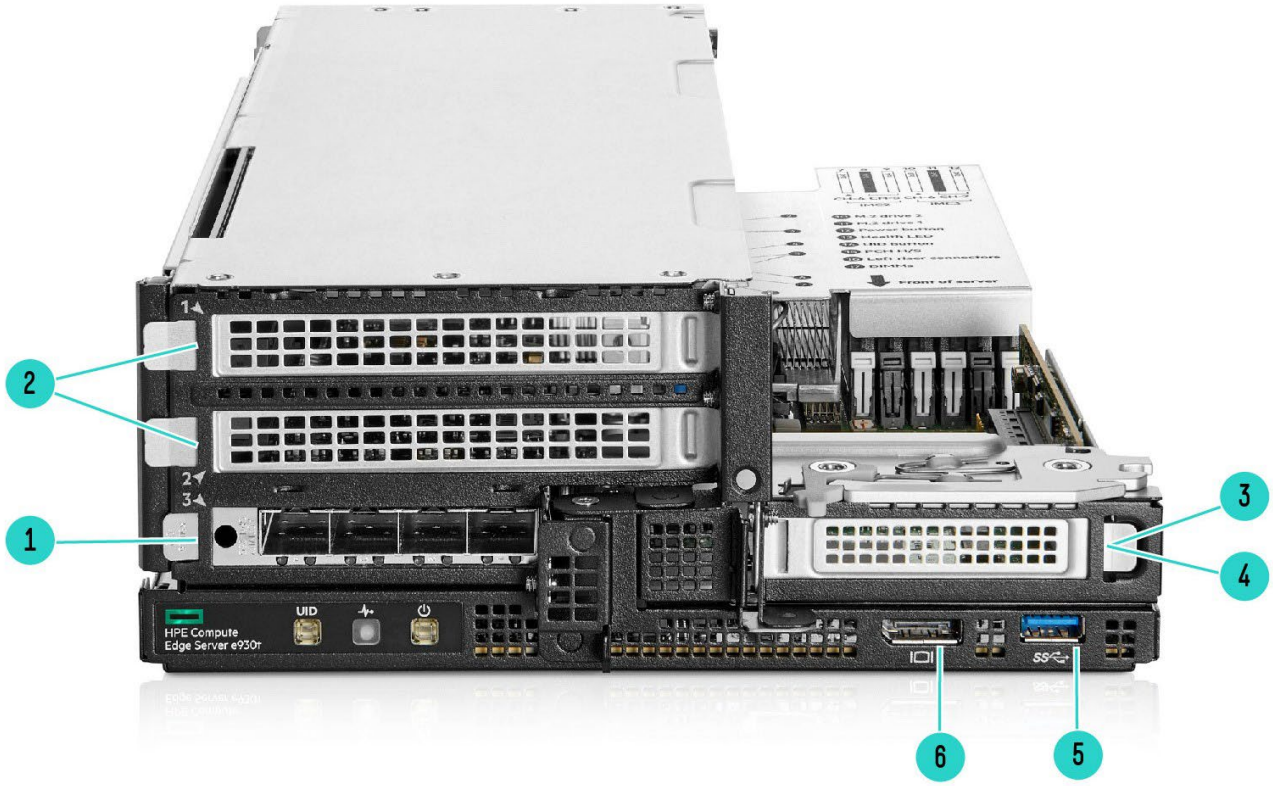
Bladed architecture makes upgrades and servicing a breeze. If you already have a previous generation blade, the blades are fully compatible with the HPE Edgeline EL8000t. By mixing blade designs and generations, you can easily run two applications side-by-side or upgrade an existing chassis system.

HPE Compute Edge Server e930t has enhanced manageability & security at the edge

HPE Compute Edge Server e930t with HPE iLO 6 and Silicon Root of Trust mitigate risk in mission-critical edge environments. With 3 years of iLO Advanced included standard, the HPE Compute Edge Server e930t is readily managed right out of the box.

With reduced IT skillsets in an increasingly vast edge environment, HPE manageability systems improve the ability to configure, monitor, and update your system from any location. By leveraging iLO 6 capability, managing your system with health monitoring and firmware management is easy. Blade provides a broad range of configuration choices in networking, storage, and I/O for optimizing your unique edge workloads. The Solid-State Drives are TCG Opal Compliant Self-Encrypting Drives (SED).

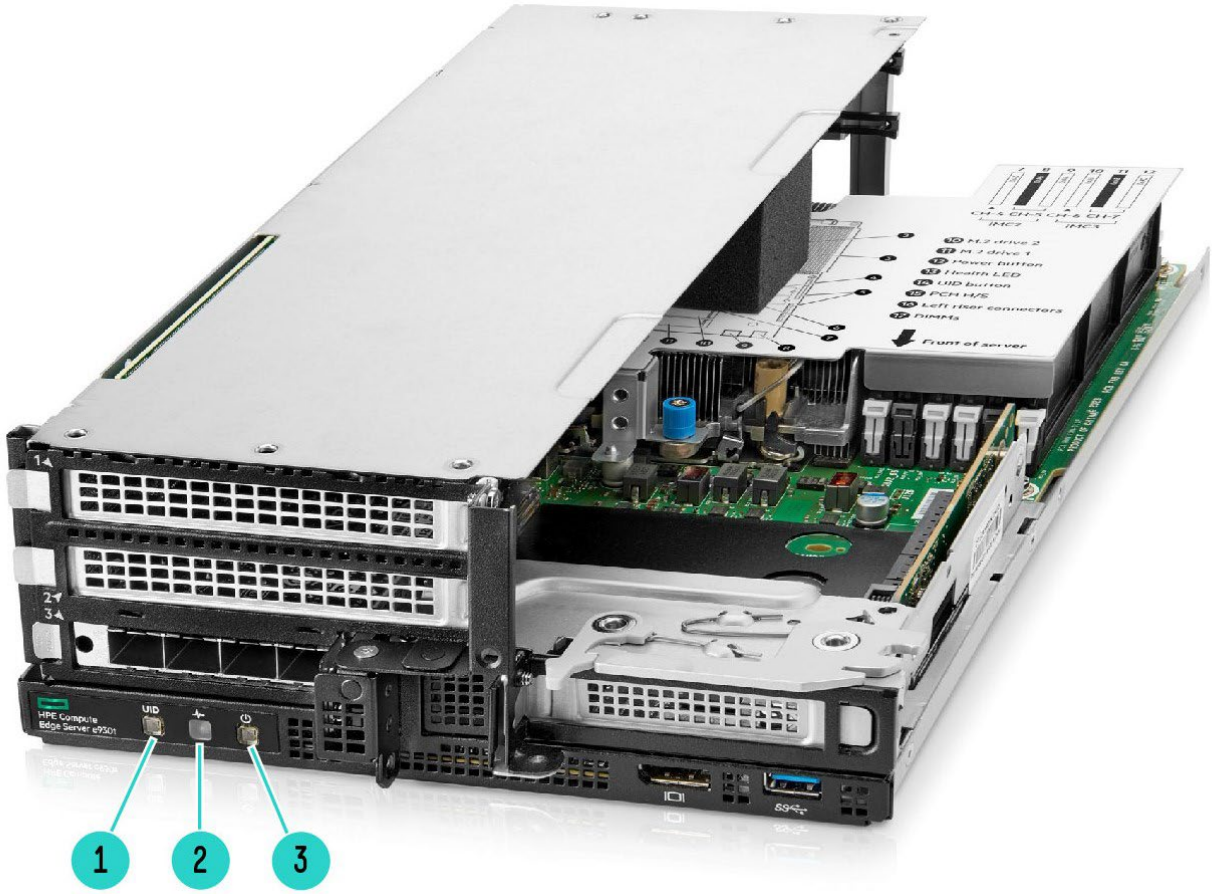
Overview



Server Blade Components

Item	Description	Item	Description
1.	One (1) Half Height, Half Length PCIe Slot	4.	Optional One (1) Half Height, Half Length PCIe Slot
2.	Two (2) Full Height, Full Length PCIe Slots	5.	One (1) USB 3.0 Connector
3.	Optional NVMe M.2 Enablement Kit	6.	One (1) DisplayPort Connector

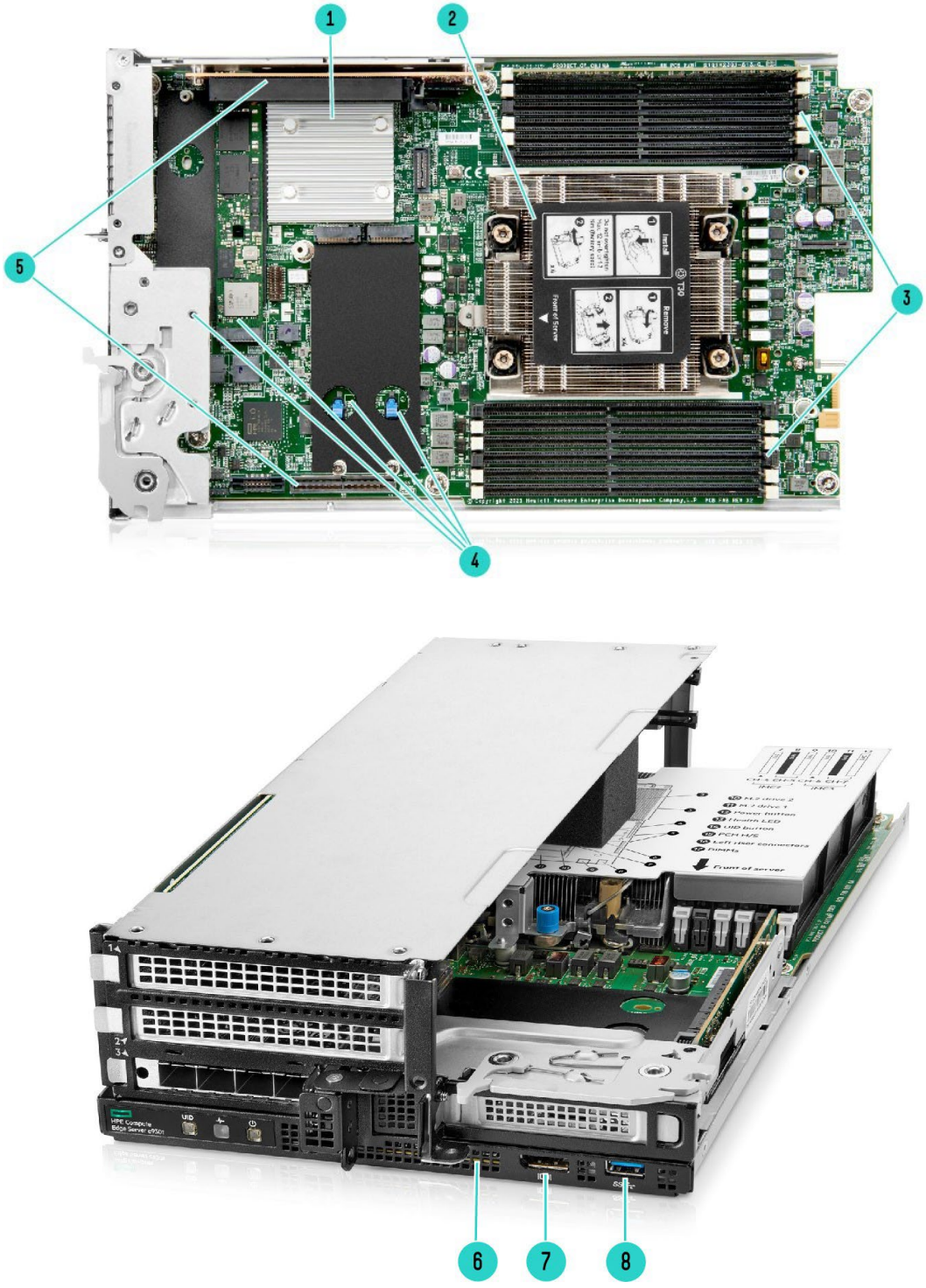
Overview



Server Blade LEDs

1. UID LED
   Notes:
   - Blue = Blade id is enabled
   - Flashing Blue = Blade firmware update is in progress and/or Integrated Remote Console (IRC) is in use
   - Off = Blade id is not enabled
2. Health LED
   Notes:
   - Green = Normal operation
   - Flashing amber = Degraded condition
   - Flashing red = Critical condition
   - Off = No power
3. Power LED
   Notes:
   - Green = Normal operation
   - Amber = Standby operation
   - Off = No power

Overview



System Board Components

1. Heatsink (chipset)
2. Processor Socket
3. DIMM slots
4. M.2 SSD Slots
5. Left (Top) and Right (Bottom) Riser Slots
6. System Battery
7. Displayport Connector
8. USB 3.0 Connector

Standard Features

Processor

4th Generation Intel® Xeon® Scalable Processor Family						
Intel® Xeon® SPR Processor	**Frequency GHz**	**Cores**	**L3 Cache MB**	**Power Watts**	**DDR5 MHz**	**Max Memory TB**
Gold 6443N	2.0	32	60	195	4400	4
Gold 6421N	1.8	32	60	185	4400	4

Notes:

- For more information regarding Intel® Xeon® SPR, please see the following URL: **https://www.intel.com/content/www/us/en/products/processors/xeon/scalable.html**
- The Edgeline e930t 2U server is only available as a single-socket system, so UPI capability is not used
- Processor max memory is within the context of our system, not the theoretical maximum.

Chipset

Intel® C741 Chipset: **Emmitsburg**

Notes: For more information regarding the chipset, please see the following URL:
Intel C741 Chipset Product Specifications

Graphics

Integrated Video Standard

- Video modes up to 1920 x 1200@60Hz (32 bpp)
- 16MB Video Memory

HPE iLO 6 system management memory

- 32 MB Flash
- 8 Gbit DDR 4 with ECC protection

On System Management Chipset

HPE iLO 6 ASIC

Notes: Read and learn more in the **iLO QuickSpecs**

Memory

Type	HPE Edgeline DDR5 Registered Smart Memory Kit	
Supported DIMMs	DDR5-4800	
DIMM Slots Available	12	12 DIMM slots per processor, 8 channels per processor
Maximum Capacity	1.536 TB	12 x 128GB RDIMM

Notes:

- Rules under “Memory” section must be followed for Configuring and Mixing of DIMMs.
- Usable system memory is constrained by the configured processor type
- For General Server Memory Population Rules and Guidelines see details here: **http://www.hpe.com/docs/memory-population-rules**

Memory Protection

For details on the HPE Server Memory Options RAS feature, visit:
http://www.hpe.com/docs/memory-ras-feature.

Network

Broadcom BCM5720

- Accessed through management network port on EL8000t chassis management module.
- 1GbE maintenance network link, coming from the blade into the chassis.

Standard Features

PCIe controllers are Integrated in the Intel® Chipset						
SSD Slot #	**Physical Location**	**Technology**	**Bus Width**	**Connector Width**	**Form Factor**	**Supported Sizes**
1-4	System Board	NVMe, PCIe-3 from PCH	x2	x2	M.2 22110	1.92TB 2TB 3.84TB
5-8	Expansion Option	NVMe, PCIe-3 from CPU	x4	x4	M.2 22110	1.92TB 2TB 3.84TB

Maximum Storage

- **M.2 22110 NVMe Solid State Device**
  - 8 x 3.84TB
  - 30.72TB

Power Supply

Refer to the Edgeline EL8000t QuickSpecs

https://www.hpe.com/psnow/doc/a00073755enw?jumpid=in_lit-psnow-red

System Fans

Refer to the Edgeline EL8000t QuickSpecs

https://www.hpe.com/psnow/doc/a00073755enw?jumpid=in_lit-psnow-red

Interfaces

- Server Blade Power LED/button
- Server Blade UID LED/button

Operating Systems and Virtualization Software

- **RedHat Enterprise Linux (RHEL)**
- **Microsoft Windows Server**
- **Ubuntu**
- **VMWare**
- **WindRiver**

Notes:

- Only 64-bit versions of these operating systems are supported
- For more information on the Hewlett Packard Enterprise Certified and Supported ProLiant Servers for OS and Virtualization Software and the latest listing of software drivers available for your server, please visit our OS Support Site at **http://www.hpe.com/info/ossupport** and our driver download page which can be found at the HPE Support Center: **http://www.hpe.com/support/hpesc**

UEFI enables numerous new capabilities specific to HPE ProLiant servers such as:

- Secure Boot
- Operating system specific functionality
- Support for > 2.2 TB (using GPT) boot drives
- USB 3.0 Stack
- Embedded UEFI Shell
- Mass Configuration Deployment Tool using RESTful API for iLO 6
- PXE boot support for IPv6 networks
- Boot support for option cards that only support a UEFI option ROM

Standard Features

- Network Stack configurations

Notes: For UEFI Boot Mode, the boot environment and OS image installations should be configured properly to support UEFI.

Form Factor
HPE Compute Edge Server e930t plug into the HPE Edgeline EL8000t System.

Embedded Management
HPE Integrated Lights-Out Advanced (HPE iLO Advanced)

The HPE Compute Edge Server e930t comes standard with a 3-Year iLO Advanced license. For more detail on these features: **https://psnow.ext.hpe.com/doc/PSN332279USEN.pdf**

Monitor your servers for ongoing management, service alerting, reporting and remote management with HPE iLO.

Learn more at **http://www.hpe.com/info/ilo**

UEFI
Configure and boot your servers securely with industry standard Unified Extensible Firmware Interface (UEFI).

Learn more at **http://www.hpe.com/servers/uefi**.

RESTful API
RESTful API for iLO 6 is Redfish 1.0 conformance for simplified server management such as configuration and maintenance tasks based on modern industry standards.

Learn more at **http://www.hpe.com/info/restfulapi**

Notes: Full REST API is available when the server is installed in an HPE Edgeline System

Intelligent Provisioning
Hassle free server and OS provisioning for 1 or few servers with Intelligent Provisioning.

Learn more at **http://www.hpe.com/servers/intelligentprovisioning**

Server Utilities

HPE Service Pack for Edgeline
The HPE Service Pack for Edgeline is the delivery mechanism for firmware updates on the HPE Edgeline System. Before using your system for the first time, verify that you have the latest drivers, firmware, and system software installed. Update your system with the HPE Service Pack for Edgeline.

For more information, see the HPE Service Pack for Edgelineon the Hewlett Packard Enterprise website: **https://support.hpe.com/connect/s/softwaredetails?language=en_US&collectionId=MTX-14e4e074402c43cf**

Scripting Tool Kit and Windows PowerShell
Provision 1 to many servers using your own scripts to discover and deploy them with Scripting Tool Kit (STK) for Windows and Linux or Scripting Tools for Windows PowerShell. **http://www.hpe.com/servers/powershell**.

Notes: This Feature will be available when the server is installed in an HPE Edgeline System.

RESTful Interface Tool
RESTful Interface tool is a scripting tool to provision using RESTful API for iLO 6 to discover and deploy servers at scale.

Learn more at **http://www.hpe.com/info/resttool**

Notes: This Feature will be available when the server is installed in an HPE Edgeline System.

Standard Features

Security

- Serial interface control
- Administrator's password
- Power-on password
- TPM2.0
- UEFI
- iLO 6 has 12 customizable user accounts and SSL encryption
- iLO 6 can be disabled via a Global Setting
- iLO Advanced supports directory services integration

HPE Trusted Platform Module

HPE Trusted Platform Module 2.0 is embedded in the Server Blade and can be enabled and disabled using the BIOS.

Notes:

- The TPM (Trusted Platform Module) is a microcontroller chip that can securely store artifacts used to authenticate the server platform. These artifacts can include passwords, certificates and encryption keys. Windows® BitLocker™ Drive Encryption (BitLocker) is a data protection feature available in Windows Server® 2008, 2012/2012 R2. BitLocker leverages the enhanced security capabilities of a Trusted Platform Module (TPM) version 2.0. The TPM works with BitLocker to help protect user data and to ensure that a server running Windows Server has not been tampered with while the system is offline. For more information about TPM, including a white paper, go to: **https://www.hpe.com/h20195/v2/gethtml.aspx?docname=c04939549**
- ProLiant OS pre-installed units will come with the partition required for TPM deployment.
- The TPM key is unique to every TPM deployed server and must be retained. Misplacing or losing the key could result in data loss.

Service and Support

HPE Services

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

https://www.hpe.com/services

Consulting Services

No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.

https://www.hpe.com/services/consulting

HPE Managed Services

HPE runs your IT operations, providing services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

HPE Managed Services | HPE

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.

https://www.hpe.com/services/operational

HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

https://www.hpe.com/services/completecare

HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.

https://www.hpe.com/services/techcare

Service and Support

HPE Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

Notes: To review the list of Lifecycle Services available for your product go to:
https://www.hpe.com/services/lifecycle

For a list of the most frequently purchased services using service credits, see the **HPE Service Credits Menu**

Other Related Services from HPE Services:

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. 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.
https://www.hpe.com/services/training

Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and services options.

Parts and Materials

HPE will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

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.

How to Purchase Services

Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find services at **https://ssc.hpe.com/portal/site/ssc/**

Service and Support

AI Powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a digital and data driven customer experience

Sign into the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent.
https://support.hpe.com/hpesc/public/home/signin

Consume IT On Your Terms

HPE GreenLake edge-to-cloud platform brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake edge-to-cloud platform accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE"
https://www.hpe.com/us/en/contact-hpe.html

For more information
http://www.hpe.com/services

Configuration Information

This section lists some of the steps required to configure a Factory Integrated Model. To ensure only valid configurations are ordered, Hewlett Packard Enterprise recommends the use of a Hewlett Packard Enterprise approved configurator. Contact your local sales representative for information on configurable product offerings and requirements

If you want to configure a server blade only, proceed to Step 2

Step 1: Base Configuration (Choose System)

HPE Edgeline Chassis

HPE Edgeline EL8000t 2U Configure-to-order 2.0 Front Cabling Chassis	P41382-B21
HPE Edgeline EL8000t Chassis Controller	P27143-B21

Notes:

- Refer to the Edgeline EL8000t documentation for details on how to configure the chassis **https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00067727enw**
- Functional systems require at least 1 power supply to be configured, with 2 power supplies recommended for redundancy
- A chassis controller should be added for each blade that requires iLO networking capabilities, as this device functions as both a chassis controller and a provides a port for iLO.

Step 2: Select ProLiant Server Blade

HPE Edgeline Server Blade (Min:0, Max:2)

HPE Compute Edge Server e930t Configure-to-order Blade	P48541-B21

Notes:

- Each blade operates independently.
- No additional iLO Advance License purchase required. An iLO Advanced license with 3 years of support is provided by default with each e930t blade (1 per blade).

Step 3: Choose Required Options (per blade)

Processor Option (Min: 1, Max: 1)

Intel Xeon-Gold 6443N 2.0GHz 32-core 195W Processor Kit for HPE Compute Edge Server e930	P64568-B21
Intel Xeon-Gold 6421N 1.8GHz 32-core 185W Processor Kit for HPE Compute Edge Server e930	P63676-B21

Notes:

- The HPE Compute Edge Server e930t is only available as a single-socket system (1 processor per blade).
- The Intel Xeon-Gold 6443N (P64568-B21) features the **4th Generation Intel® Xeon® Scalable processors with Intel® vRAN Boost (Sapphire Rapids MCC-EE vRAN)**. It is for Telco Use Cases, and it does not support the Microsoft Windows Server Operating System and only supports PCIe Gen4 with the lower link speed.

Memory Options (Min: 1, Max: 12)

HPE Compute Edge Server 16GB (1x16GB) Single Rank x8 DDR5-4800 Registered Smart Memory Kit	P61787-B21
HPE Compute Edge Server 32GB (1x32GB) Dual Rank x8 DDR5-4800 Registered Smart Memory Kit	P61789-B21
HPE Compute Edge Server 64GB (1x64GB) Dual Rank x4 DDR5-4800 Registered Smart Memory Kit	P61790-B21
HPE Compute Edge Server 128GB (1x128GB) Quad Rank x4 DDR5-4800 Registered 3DS Smart Memory Kit	P61791-B21

Notes: Ensure that the selected processor supports the configured memory footprint of the blade.

Configuration Information

Left Riser Options (Min: 1, Max: 1)

Notes: The Left Riser option is required on each server blade

HPE Compute Edge Server e930 x16/x16/x16 PCIe Left Riser Kit	P50156-B21

Notes: This option (P50156-B21) supports Two (2) PCIe Gen5 FHFL x16 cards and One (1) PCIe Gen5 HHHL x16 card.

Right Riser Options (Min: 0, Max: 1)

HPE Compute Edge Server e930 x16 PCIe Right Riser Kit	P48493-B21
HPE Compute Edge Server e930 4-slot NVMe M.2 Enablement Kit	P48485-B21

Notes:

- The PCIe Right Riser Kit (P48493-B21) option supports One (1) PCIe Gen5 HHHL x16 card.
- NVMe M.2 Enable Kit (P48485-B21) option supports four (4) M.2 NVMe SSD slots, which can fit 2280 or 22110 sizes.

Solid State Drives

Installed on e930t System Board (Min: 0, Max: 4)

HPE Edgeline 960GB NVMe Gen4 Mainstream Performance Mixed Use M.2 22110 Extended Temp PM9A3 SSD	P49021-B21
HPE Edgeline 1.92TB NVMe Gen4 Mainstream Performance Mixed Use M.2 22110 Extended Temp PM9A3 SSD	P49023-B21
HPE Edgeline 3.84TB NVMe Gen4 Mainstream Performance Mixed Use M.2 22110 Extended Temp PM9A3 SSD	P49025-B21

Installed on Right Riser (Min: 0, Max: 4)

HPE Edgeline 960GB NVMe Gen4 Mainstream Performance Mixed Use M.2 22110 Extended Temp PM9A3 SSD	P49021-B21
HPE Edgeline 1.92TB NVMe Gen4 Mainstream Performance Mixed Use M.2 22110 Extended Temp PM9A3 SSD	P49023-B21
HPE Edgeline 3.84TB NVMe Gen4 Mainstream Performance Mixed Use M.2 22110 Extended Temp PM9A3 SSD	P49025-B21

Notes:

- These SSDs are TCG Opal Compliant Self-Encrypting Drive (SED).
- The P48485-B21 HPE Edgeline e920 4-slot NVMe M.2 Enablement Kit provides 4 M.2 slots that can fit 22110 SSDs. Only NVMe SSDs are supported.

Step 4: Choose Additional Options

Choose additional options for Factory Integration from sections below

HPE Security

HPE iLO Common Password FIO Setting	P08040-B21
HPE Edgeline NEBS-compliant FIO Enablement Kit	P27140-B21

Notes: Replace the iLO default randomized password with an HPE defined common password. HPE highly recommends changing this password immediately after the initial onboarding process. Customers who want to choose their own custom iLO default password should use the HPE Factory Express Integration Services. Learn more at: **http://www.hpe.com/security**

PCIe Slot Options

Notes: Ensure that the riser type configured in the e930t blade can fit the selected PCIe add-in card option

Networking

Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Low Profile Adapter for HPE Compute Edge Server	P63673-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08443-B21
Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P08458-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	P21112-B21

Configuration Information

Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	P41611-B21
Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	P25960-B21

Transceiver

HPE Edgeline 1/10Gb SFP+ SR 400m Transceiver	P44258-B21
HPE Edgeline 10/25Gb SFP28 SR 100m Transceiver	P44259-B21
HPE 25Gb SFP28 SR 100m Transceiver	845398-B21
HPE 100Gb QSFP28 MPO SR4 100m Transceiver	845966-B21

Accelerators and Associated Accessories

NVIDIA L4 24GB PCIe Accelerator for HPE	S0K89C
NVIDIA L40S 48GB PCIe Accelerator	S2L70C
NVIDIA H100 NVL 94GB PCIe Accelerator for HPE	S2D86C
HPE Compute Edge Server 2x6 4-pin PCIe 450W Cable Kit	P69404-B21

Notes:

- The PCIe 450W Cable Kit (P69404-B21) must be selected when HPE NVIDIA L40S (S2L70C) or H100 NVL (S2D86C) is selected.
- If GPU H100 NVL (S2D86C) is selected together with CPU 6443N (P64568-B21), the link speed will be dropped.

Technical Specifications

Physical Dimensions

Server Cartridge

- **Dimensions (H x W x D):** 3.233 x 8.431 x 14.518 in (8.211 x 21.415x 36.876 cm)
- **Net Weight:** 4.5 kg
- **Typical Power:** 300W per U
- **Max Power:** 400W per U

System Inlet Temperature

- **Extended Operating**
  HPE Edgeline EL8000t with HPE Compute Edge Server e930t: Depending on hardware configuration, the supported system inlet range can be extended up to 55°C. Compliance with ASHRAE A3 and A4 standards is also available. The approved hardware configurations for this system are listed in the Edgeline system documentation.

- **Standard Operating**
  HPE Edgeline EL8000t Chassis with HPE Compute Edge Server e930t: Typical range is 10° to 35°C (50° to 95°F) with altitude derating.

System Airflow

Fan speed	System airflow (cfm)
10% duty	27
20% duty	39
30% duty	57
40% duty	77.5
50% duty	98.3
60% duty	118.7
70% duty	139.21
80% duty	160.9
90% duty	183.1
100% fan	203

Technical Specifications

Emissions Classification (EMC)

- **FCC Rating:** Class A
- **Normative Standards**
  - CISPR 22
  - CISPR 32
  - EN55032
  - EN55035
  - FCC CFR 47, Pt 15
  - ICES-003
  - CNS13438
  - KS C 9832
  - KS C 9835
  - EN 61000-3-2
  - EN 61000-3-3
  - EN 60950-1
  - IEC 60950-1

Notes: Product conformance to cited product specifications is based on sample (type) testing, evaluation, or assessment. This product or family of products is eligible to bear the appropriate compliance logos and statements.

Environment-friendly Products and Approach - End-of-life Management and Recycling

Hewlett Packard Enterprise offers end-of-life **product return, trade-in, and recycling programs**, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE Directive (2012/19/EU) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the **Hewlett Packard Enterprise web site**. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

Summary of Changes

Date	Version History	Action	Description of Change
18-Nov-2024	Version 6	Changed	GPUs were updated.
19-Aug-2024	Version 5	Changed	Service and Support section was updated.
15-Jul-2024	Version 4	Changed	Standard Features, Configuration Information and Technical Specifications were updated.
15-Apr-2024	Version 3	Changed	Overview and Standard Features sections were updated.
01-Apr-2024	Version 2	Changed	Standard Features, Configuration Information and Technical Specifications were updated.
08-Jan-2024	Version 1	New	New QuickSpecs

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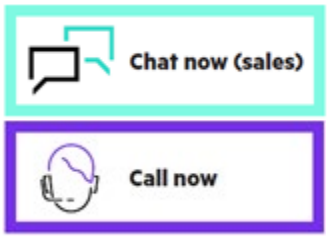

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