Shape the Future of QuickSpecs - Your Input Matters

HPE Edgeline EL8000t Converged Edge System QuickSpecs

HPE Edgeline EL8000t Converged Edge System delivers data-intensive, low-latency compute based on open standards and advanced remote manageability.

Designed to enable communication service providers (CSPs) to capitalize on data-intensive, low-latency services for media delivery, connected mobility, and smart cities, the HPE Edgeline EL8000t Converged Edge System can process vast amounts of data in real time directly at the edge, based on open standards to boost flexibility and reduce costs.

To deliver new services that tap into the massive growth of real-time data, CSPs must transform their telecommunications network edge towards standard IT systems and software-defined architectures, such as virtual radio access networks (vRAN) and virtual cable modem termination systems (vCMTS).

Overview

The open-standards based HPE Edgeline EL8000t Converged Edge System was provides a cost-effective replacement for proprietary edge systems, with enhanced performance and versatility for data-intensive real-time digital services.

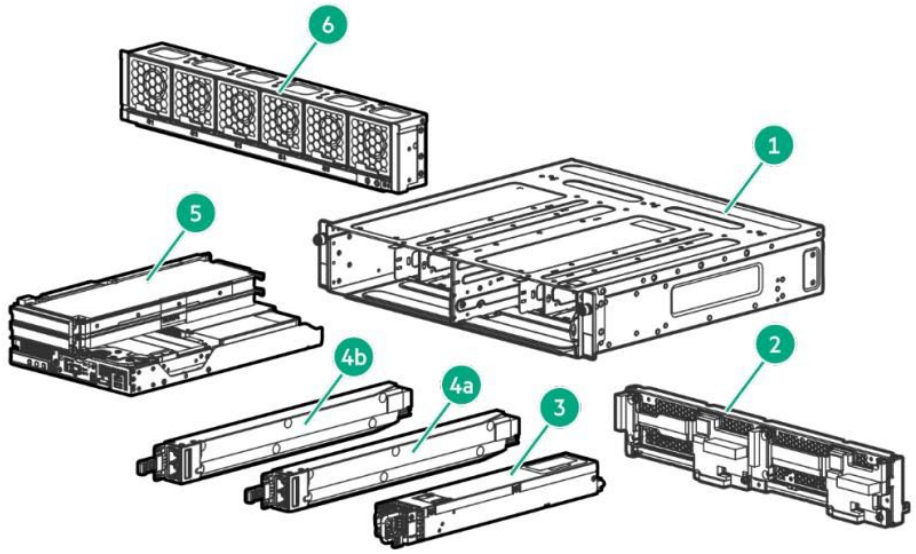
Additionally, the unique design of the HPE Edgeline EL8000t Converged Edge System delivers high performance and ultra-low latency for the most demanding use cases, including media streaming, IoT, artificial intelligence, and video analytics in a compact and ruggedized form factor, equipped with edge-optimized serviceability and remote systems management. It shortens the time taken to make an enterprise IT system ready for deployment, provides access at the edge to the same applications used in the core and consequently accelerates the agility of defense, law enforcement and civilian agencies.

The compact and rugged design of the HPE Edgeline EL8000t Converged Edge System allows deployment of traditional datacenter software applications in hostile Edge environments.
Exceeding the requirements of industry standards NEBS Level 3 and ASHRAE class 3 and 4, the system is resistant to hazardous environmental influences such as heat, shock and vibration, as well as failure, supporting continuous operation between 0 and 55 degrees Celsius.

The single-socket design of companion e920t blades, equipped with high-end Intel® Xeon® Scalable Processors, reduces latency and energy consumption. System components can be combined, scaled and hot-swapped to meet changing demands, with robust support for accelerators from a variety of vendors. With a range of depth and width options for blades and chassis, the system can be flexibly configured and scaled to meet new or changing use-case requirements.

Proven HPE iLO 5 technology enables remote provisioning, ongoing system health monitoring, updates, management and security of servers installed in a HPE Edgeline EL8000t Converged Edge Systems from cell towers to oil rigs, without needing IT expertise on site.

Overview



HPE Edgeline EL8000t 2U Front Cabling Chassis View

Item	Description	Item	Description
1	Edgeline EL8000t System	4b	EL8000t Chassis Controller + Network Module (Left Bay)
2	Edgeline EL8000t backplane assembly	5	HPE ProLiant e920t Server Blade (1 or 2 per system)
3	Power supply	6	Fan Assembly
4a	Network Module (Right Bay)		

Standard Features

Enclosure

The HPE Edgeline EL8000t Chassis supports the following ProLiant Server Blade configuration

- **Server Blade Configurations**
  ProLiant e920t 2U Blade Server
- **EL8000t 2U Front Cabling Chassis**
  Min: 0, Max: 2

HPE ProLiant Server Blades

HPE Edgeline EL8000t System supports:

- HPE ProLiant e920t 2U Server Blades

Notes:

- Please visit the ProLiant e920t Quickspecs at the following URL for detailed information and configuration possibilities: https://www.hpe.com/psnow/doc/a50002574enw?jumpid=in_lit-psnow-red
- Blades supported on the Edgeline EL8000 system will not fit in an Edgeline EL8000t, and vice versa

HPE EL8000t Systems Power Supply

- The HPE Edgeline EL8000t Systems supports redundant hot-plug power supplies.
  Min: 1, Max: 2
- HPE Edgeline EL8000 Front Cabling Chassis 1500W 264VAC Power Supply Kit
- HPE Edgeline EL8000 Front Cabling Chassis 1500W 48VDC Power Supply Kit

Notes: Mixing of AC and DC power supply options in a chassis is allowed

Embedded Management

The HPE ProLiant Blade Servers plugged into an HPE Edgeline EL8000t has its own iLO 5 management processor, which can be accessed directly through the management network port on the blades respective Network module.

The HPE Edgeline EL8000t System has an Edgeline Chassis Controller Module to monitor and control common chassis elements. The iLO 5 on the server blade communicates with the Edgeline Chassis Controller to gather and report status information on the chassis itself. The chassis controller cannot be directly accessed by the user.

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

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

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

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

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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

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.

Service and Support

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 QuickSpecs, 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/

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.

Factory Integrated Models must start with an HPE Edgeline EL8000t System with the following minimum configuration:

- One (1) HPE Edgeline e920t Blade Server.
- One (1) HPE Edgeline EL8000 Power Supply

Step 1: Base Configuration (Choose System)

HPE Edgeline System

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

Notes: One ECM is required for chassis management of the EL8000t. This kit must be placed in the left hand bay. A second EL8000t Chassis Controller is required to enable iLO networking in the second slot if a second e920t blade server is installed.

Step 2: Power Supply

Power Supplies

HPE Flex Slot Power Supplies (Min:1, Max:2)

HPE Edgeline EL8000 1500W 264VAC Front Cabling Power Supply Kit	P11290-B21
HPE Edgeline EL8000 1500W -48VDC Front Cabling Power Supply Kit	P11291-B21
HPE Edgeline 900W -48VDC Power Supply Kit	P41590-B21
HPE Edgeline 1500W 264VAC Titanium Power Supply Kit	P42206-B21

Notes:

- The Titanium Power Supply Kit (P42206-B21) is available in the EMEA region only and does not support the Ultralife Carry On Enclosure.
- Functional systems require at least 1 power supply to be configured, with 2 power supplies recommended for redundancy
- Mixing of AC (P11290-B21) and DC (P11291-B21) power supplies in a chassis is allowed
- The AC power supply (P11290-B21) supports a nominal input of 100-240Vac. Refer to the appendix for technical details.
- European Union ErP Lot 9 Regulation: Beginning on January 1st, 2024, the EU's Lot 9 eco-design regulations for servers and storage products will enforce minimum efficiency for AC power supplies: 94% for multi-output and 96% for single-output. HPE Edgeline power supplies that meet Lot 9 requirements is: Titanium Power Supply Kit (P42206-B21). HPE configurators are already informing users about the mandate for units going to the European Union (EU), European Economic Area (EEA), the United Kingdom, Ireland, Switzerland, or Turkey to comply with Lot 9 minimum efficiencies that begin on January 1st, 2024. HPE will start enforcing Lot 9 minimum efficiency for AC power supplies on November 6th, 2023; purchase orders placed on or after this date that include AC power supplies that aren't Lot 9 compatible will need rework to replace them.

Configuration Information

Step 4: Configure Additional Options

Choose additional options for Factory Integration from sections below

Additional Options

Rail Kit

HPE Edgeline EL8000t 2-post Rack Mount Option Kit	P41584-B21
HPE Edgeline EL8000t 4-post Rail Kit	P27068-B21
HPE Edgeline EL8000t 4-post Rack Mount FIO Option Kit	P41383-B21

Notes:

- 2-post Rack Mount Option Kit (P41584-B21) is not required. The EL8000t chassis arrives standard with a 2-post 19" rack kit.
- The 2-post Rack Mount Option Kit contains additional accessories including lugs, 23" extenders, and cable management to enable remote edge installations using DC power.
- The 4-post Rack Mount Option Kit and 4-post Rail Kit must be purchased together. The option kit (P41383-B21) includes racking ears that will retain and stabilize the chassis on the rails. The 4-post rail kit (P27068-B21) includes the rails themselves.

HPE Power Cords

HPE 48VDC 2.85m Power Cable	Q0H80A
HPE C15 EU 250V 10Amp 2.5m Black Power Cord	Q7F45A
HPE C15 UK 250V 10Amp 2.5m Black Power Cord	Q7F46A
HPE Edgeline C15 125V 15Amp Black 2.5m US Power Cord	P41626-B21
HPE C15 US 250V 10Amp 2.5m Black Jumper Cord	Q7F57A
HPE C15 EU 250V 10Amp 0.76m Black Jumper Cord	Q7F60A
HPE C15 US 250V 10Amp 1m Black Jumper Cord	Q7F61A
HPE C15 EU 250V 10Amp 1m Black Jumper Cord	Q7F62A
HPE Edgeline 300V 3m DC Power Cable Kit	P27698-B21

HPE Support Services

Installation & Startup Services

HPE Installation Edgeline 8000 Chassis Service	HF8S4E
HPE Installation and Startup Edgeline Edgeline 8000 Service	U8JA4E

Notes: For a full listing of support services available for this server, please visit https://ssc.hpe.com/

Power Supply Specifications

Murata (MPS) D1U54P-W-1500-12-HCxTC			
HPE Edgeline EL8000 1500W 264VAC Front Cabling Power Supply Kit	P11290-B21		
Input Voltage Range (Vrms)	100-240 Nominal (90-264 range)		
Frequency Range (Nominal) (Hz)	50-60 nominal (47-63 range)		
Nominal Input Voltage (Vrms)	90-100 (100)	110-120 (115)	200-240 (240)
Maximum Rated Output Wattage Safety (Watts)	1260	1500	1500
Nominal Input Current (Arms)	14.1	14.5	6.9
Maximum Rated Input Wattage Rated (Watts)	1394	1646	1636
Maximum Rated VA (Volt-Amp)	1410	1668	1656
Efficiency (%)	90.4	91.1	91.7
Power Factor	0.9886	0.9868	0.9879
Leakage Current (mA); max as per safety files	0.94mA; 264V; 60Hz		
Maximum Inrush Current (A peak)	<15Apk, 264Vac cold start		
Maximum Inrush Current duration (ms)	<2ms		
Maximum British Thermal Unit Rating (BTU-Hr)	4757	5651	5582

Technical Specifications

Murata (MPS) D1U54-D-900-12-HCxC			
HPE Edgeline 900W -48VDC Power Supply Kit	P41590-B21		
Input Voltage Range (VDC)	-40 to -72		
Frequency Range (Nominal) (Hz)	DC		
Nominal Input Voltage (VDC)	-40	-48	-72
Maximum Rated Output Wattage Rating (Watts)	900	900	900
Nominal Input Current (A DC); 12V/133A; 3.3/6A	24.73	20.39	13.67
Maximum Input Wattage Rating (Watts)	989.34	978.58	983.92
Maximum VA (Volt-Amp)	989.34	978.58	983.92
Efficiency at 900W Output (%)	90.97%	91.97%	91.47
Efficiency at 450W Output (%)	92.04%	93.04%	92.54%
Leakage Current (mA)	N/A		
Maximum Inrush Current (A peak); 72VDC; fulload	40	47	55
Maximum Inrush Current duration (ms)	<30		
Maximum British Thermal Unit Rating (BTU-Hr)	3376	3339	3357

Notes: For the 900W PSU (P41590-B21) , details in the table above use estimates. Contact Murata or an HPE representative for additional details.

Technical Specifications

Murata (MPS) D1U54-D-1500-12-HCxC			
HPE Edgeline EL8000 1500W - 48VDC Front Cabling Power Supply Kit	P11291-B21		
Input Voltage Range (VDC)	-40 to -72		
Frequency Range (Nominal) (Hz)	DC		
Nominal Input Voltage (VDC)	-40	-48	-72
Maximum Rated Output Wattage Rating (Watts)	1500	1500	1500
Nominal Input Current (A DC); 12V/133A; 3.3/6A	45.5	38.1	24.8
Maximum Input Wattage Rating (Watts)	1856	1828	1786
Maximum VA (Volt-Amp)	1856	1828	1786
Efficiency (%)	88.4	89.7	91.9
Power Factor	N/A		
Leakage Current (mA)	N/A		
Maximum Inrush Current (A peak); 72VDC; fulload	<20		
Maximum Inrush Current duration (ms)	<30		
Maximum British Thermal Unit Rating (BTU-Hr)	6333	6337	6094

Physical Dimensions

- **Chassis Dimensions (H x W x D)**
  - Height 3.455" (2U) (8.75 cm)
  - Width 17.48" (44.4 cm)
  - Depth 17.008" (43.2 cm)
- **Weight:** 25 lbs (11.33 kg)
- **Power**
  - Typical: 800W
  - Maximum: 3000W (with power supply redundancy)

System Inlet Temperature

- **Extended Operating**
  Depending on hardware configuration, the supported system inlet range can be extended up to 55°C. Compliance to NEBS Level 3 and ASHRAE A3 and A4 standards is also available.
  Notes: The approved extended temperature hardware configurations for this system are listed in the appendix.
- **Standard Operating**
  10° to 35°C (50° to 95°F) at sea level with an altitude derating of 1.0°C per every 305 m (1.8°F per every 1000ft) above sea level to a maximum of 3050m (10,000ft), no direct sustained sunlight. Maximum rate of change is 20°C/hr (36°F/hr). The upper limit and rate of change may be limited by the type and number of options installed.
  Notes: When configured with certain server models, a fan fault when operating above 30°C (86°F) may reduce system performance. Refer to the appendix for details.
- **Non-Operating**
  -30° to 60°C (-22° to 140°F). Maximum rate of change is 20°C/hr (36°F/hr).

Relative Humidify

- **Operating**
  Minimum to be the higher (more moisture) of -12°C (10.4°F) dew point or 8% relative humidity. Maximum to be the lower (less moisture) of 24°C (75.2°F) dew point or 90% relative humidity
- **Non-Operating**
  5 to 95% relative humidity (Rh), 38.7°C (101.7°F) maximum wet bulb temperature, non-condensing.

Altitude

- **Operating**
  3050 m (10,000 ft). This value may be limited by the type and number of options installed. Maximum allowable altitude change rate is 457 m/min (1500 ft/min).
- **Non-Operating**
  9144 m (30,000 ft). Maximum allowable altitude change rate is 457 m/min (1500 ft/min)

Emissions Classification (EMC)

- **FCC Rating**
  Class A
- **Normative Standards**
  CISPR 22; EN55022; EN55024; FCC CFR 47, Pt 15; ICES-003; CNS13438; K22;K24; EN61000-3-2; EN 61000-3-3; EN 60950-1; IEC60950-1

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.

Hewlett Packard Enterprise Extended Ambient Operating Temperature Support

The American Society of Heating Refrigeration and Air-Conditioning Engineers set standards for building systems, energy efficiency, indoor air quality, refrigeration and sustainability. The ASHRAE A3 and A4 classes are the latest classes that have been defined in an effort to support the Fresh Air Data cooling initiative. Hewlett Packard Enterprise Extended Ambient Operating Support is defined below as comparable to an ASHRAE class. For selected system configurations the Hewlett Packard Enterprise Edgeline Extended Ambient Operating Support allows operation even beyond ASHRAE class.

Notes: Actual allowable system operating temperature will be determined by the options (I/O cards, drives etc.) selected. Details are provided in the Edgeline system configuration tables for the desired operating environment shown below.

The following table provides a summary of environmental ranges supported, with altitude de-ratings, by Hewlett Packard Enterprise ProLiant servers. Items in bold are ProLiant features that exceed the ASHRAE comparable class feature set.

Extended Ambient Operating Support Specification					
Ambient Operating	**Dry bulb temp range (°C)**	**Relative humidity range (%RH)**	**Dew point limits (°C)**	**Maximum altitude**	**Altitude de-rating***
Standard Operating	10°C to 35°C (50°F to 95°F)	8% to 90%	-12°C (min) to 24°C (max)	3050 meters	1.8°C/305m above sea level
Extended Ambient 40°C Operating (ASHRAE Class A3 compliant)	5°C to 40°C (41°F to 104°F)	8% to 90%	-12°C (min) to 24°C (max)	3050 meters	1.0°C/175m above 900m
Extended Ambient 45°C Operating (ASHRAE Class A4 compliant)	5°C to 45°C (41°F to 113°F)	8% to 90%	-12°C (min) to 24°C (max)	3050 meters	1.0°C/125m above 900m
Extended Edgeline Ambient 55°C Operating	0°C to 55°C (32°F to 131°F)	8% to 90%	-12°C (min) to 24°C (max)	3050 meters	1.8°C/305m above sea level

Notes:

- *Altitude de-rating assumes no direct sustained sunlight
- The maximum rate of change for Inlet Ambient Temperature is 20°C/hr (36°F/hr). The upper limit and rate of change can be limited by the type and number of options selected.

Technical Specifications

Hewlett Packard Enterprise Operating Support				
Component	**Support Status**			
Type	Standard	Extended Ambient	Extended Ambient	Extended Edgeline Ambient
Operating Support	10°C to 35°C	40°C (ASHRAE Class A3 compliant)	45°C (ASHRAE Class A4 compliant)	55°C
Base System	Supported	Supported	Supported	Supported [1]
Fans	Supported with Redundancy	Supported with Redundancy	Supported with Redundancy [2]	Supported with Redundancy [2]
SATA M.2	Supported	Supported	Supported	Supported
NVMe M.2	Supported	Supported	Supported	Supported with exceptions[4]
PCIe I/O Cards	Supported [3]	Supported [3]	Supported [3]	Supported [3]

Notes:

- [1]Near 55°C inlet ambient AND when the CPU is stressed at 100%.
- [2]Upon fan failure the servers in the system may reduce performance
- [3]Only HPE PCIe options cards were used in this testing

NEBS Level 3 and ETSI Certified

This section lists some of the steps required to configure a Factory Integrated Model compliant with typically requested telecom carrier NEBS and ETSI requirements. In addition to the worldwide compliance criteria applied to the commercial version of the product, all components listed in this document have been evaluated to the following criteria:

- GR-1089-CORE
- GR-63-CORE

To ensure only valid configurations are ordered, Hewlett Packard Enterprise recommends the use of an HPE approved configurator. Contact your local sales representative for information on configurable product offerings and requirements. Factory Integrated Models must start with a CTO Server. FIO indicates that this option is only available as a factory installable option. All Factory Integrated Models will be populated with sufficient hard drive blanks based on the number of initial hard drives ordered with the server. Some options may not be integrated at the factory. Contact your local sales representative for additional information.

Notes: To yield a carrier grade server that is compliant with all the required technical criteria, the product content is limited to what is listed in this document. In addition to this, Select HPE Edgeline NEBS-compliant FIO Enablement Kit PN: P27140-B21 for factory integration.

Summary of Changes

Date	Version History	Action	Description of Change
02-Mar-2026	Version 19	Changed	Rebranding update applied to QuickSpecs
25-Aug-2025	Version 18	Changed	Technical Specifications section was updated - Updated the NEBS Level 3 and ETSI Certified.
28-Apr-2025	Version 17	Changed	Configuration Information section was updated.
21-Jan-2025	Version 16	Changed	Configuration Information section was updated Updated the Titanium Power Supply Kit. Obsolete SKUs were removed
19-Aug-2024	Version 15	Changed	Service and Support section was updated
06-May-2024	Version 14	Changed	Technical Specifications section was updated, dimensions were updated.
01-Apr-2024	Version 13	Changed	Technical Specifications section was updated
08-Jan-2024	Version 12	Changed	Service and Support section was updated
20-Nov-2023	Version 11	Changed	Service and Support section was updated
07-Aug-2023	Version 10	Changed	Configuration Information section was updated (Power Supplies)
10-Jul-2023	Version 9	Changed	Technical Specifications section was updated
17-Apr-2023	Version 8	Changed	Overview, Configuration Information, Technical Specifications sections were updated. Extended Ambient Operating Temperature Support added.
07-Nov-2022	Version 7	Changed	Configuration information section was updated. Obsolete SKUs were removed.
07-Mar-2022	Version 6	Changed	Overview, Standard Features and Configuration Information sections were updated Update EL8000t Stand-Alone Chassis Update e920t server blade option
15-Sep-2021	Version 5	Changed	Services and Support Pointnext Tech Care and Complete Care information added
07-Jun-2021	Version 4	Changed	Configuration Information, Additional Options and Technical Specifications sections were updated.
15-Mar-2021	Version 3	Changed	Configuration information, Additional Options and Technical Specifications sections were updated
05-Oct-2020	Version 2	Changed	Configuration Information and Additional Options sections were updated.
01-Jun-2020	Version 1	New	New QuickSpecs

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