

Overview

HPE ProLiant DX910 Server Blade

Are you wanting to move software applications and compute closer to the user? Do you need to reduce moving the vast amounts of data to a centralized data center?

The HPE ProLiant DX910 Server Blade allows you to deploy edge compute directly to where the data is being generated, reducing band width latency, and reducing time to actionable insight. The HPE ProLiant DX910 Server Blade features a rugged, compact design that is certified for extended thermal environments of 0° to 55° Celsius within the HPE ProLiant DX8000 Chassis. The HPE ProLiant DX910 Server Blade architecture is based on Intel® Xeon® SP processors to give you increased compute power and speed. The modular design of the HPE ProLiant DX910 Server Blade provides a broad range of configurations choices in networking, storage, I/O for optimizing your unique edge workloads.

Traditional Data Center Compute Capacities Now Can Be Deployed at The Edge

The HPE ProLiant DX910 Server Blade supports industry standard technology leveraging the Intel® Xeon® Processor Scalable Family.

Designed for I/O expansion, the HPE ProLiant DX910 Server Blade can adapt to your software application needs.

Seamless Remote Manageability for Deep Edge Environments

The HPE ProLiant DX910 Server Blade is available with Integrated Lights-Out technology (iLO5) when the BD505A SKU is applied during configuration time. iLO5 includes server management capabilities and Silicon Root of Trust so you can securely configure, monitor, and update your Hewlett Packard Enterprise servers seamlessly and from anywhere.

HPE iLO simplifies server setup, provides access to server health information, enables server management at scale, and improves server power and thermal control, as well as basic remote administration.

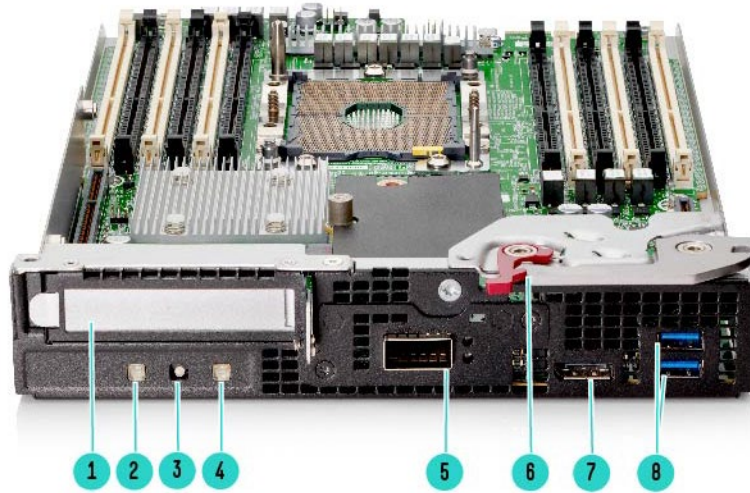
The HPE ProLiant DX910 Server Blade with the HPE iLO5 Advanced allows automation of common tasks during each step of the server lifecycle which can increase ROI and decrease TCO.

Modular Configurations for Workload Optimization

The HPE ProLiant DX910 Server Blade provides the choice of compute density or I/O Expansion which enables you the optimal configuration for your needs.

A broad range of GPU Accelerators can be configured within the HPE ProLiant DX910 Server Blades, which increases the ability for Deep Learning at the Edge

Overview



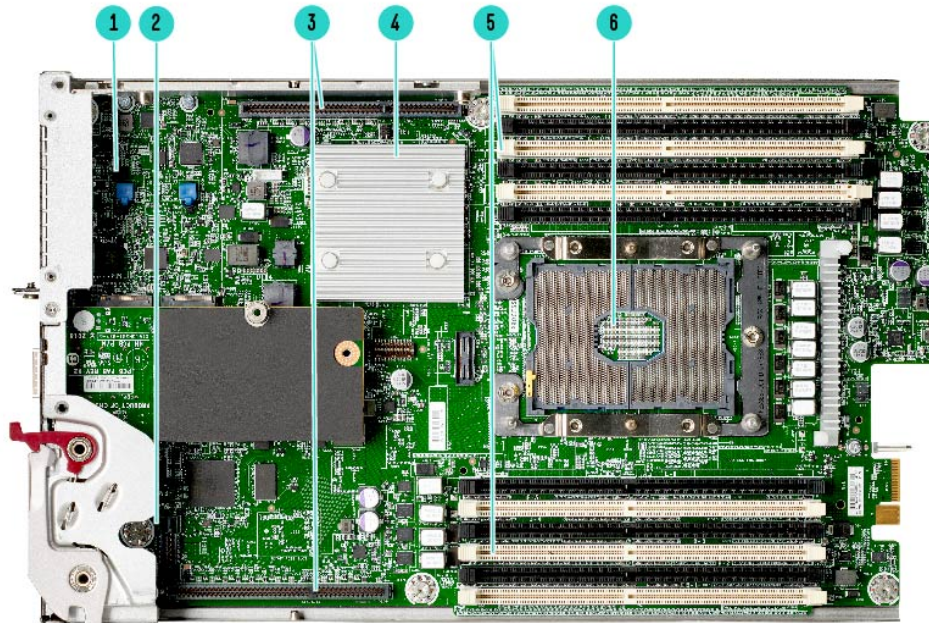
ProLiant DX910 1U Server Blade - Front View

Item Description

- 1. Half height, half length PCIe 3.0 slot
- 2. LEDs UID
- 3. LEDs Health
- 4. LEDs Power

Item Description

- 5. Network Connection
- 6. Release latch
- 7. Display port
- 8. USB 3.0 ports



ProLiant DX910 1U Blade Server - Interior View

Item Description

- 1. M.2 SSD slots (Qty. 2 form factor 2242 or 2280)
- 2. System Battery
- 3. Left and Right PCIe Riser Slot

Item Description

- 4. Heatsink (Chipset)
- 5. DIMM slots (DDR4)
- 6. CPU Socket



Standard Features

Processor

2nd Generation Intel® Xeon® Scalable Processor Family							
Intel® Xeon® SP	Frequency	Cores	L3 Cache	Power	UPI	DDR4 MHz	Max Memory
Gold 6212U Processor	2.4GHz	24	35.75	165W	n/a	2933MT/s	1TB
Gold 6244 Processor	3.6Ghz	8	24.75	150W	3 UPI Links	2933MT/s	1TB
Gold 6230N Processor	2.3Ghz	20	27.5	125W	3 UPI links	2933MT/s	1TB
Gold 6254 Processor	3.1Ghz	18	24.75	200W	3 UPI links	2933MT/s	1TB
Gold 8280M Processor	2.7Ghz	28	38.5	205W	3 UPI links	2933MT/s	2TB
Silver 4210 Processor	2.2Ghz	10	13.75	85W	2 UPI links	2400MT/s	1TB

Notes:

- For more information regarding Intel® Xeon® SP, please see the following URL:
<https://www.intel.com/content/www/us/en/products/processors/xeon/scalable.html>
- The UPI functionality is not embedded on the 6212U Processor which is single socket optimized

Chipset

Intel® C624 Chipset

Notes: For more information regarding chipset, please see the following URL:

<https://www.intel.com/content/www/us/en/products/chipsets/server-chipsets/c624.html>

Graphics

Integrated Video Standard

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

HPE iLO 5 on system management memory

- 32 MB Flash
- 4 Gbit DDR 3 with ECC protection

On System Management Chipset

HPE iLO 5 ASIC

Notes: Read and learn more in the [iLO QuickSpecs](#)



Standard Features

Memory

Type	HPE ProLiant DX910 DDR4 Registered (RDIMM), Load Reduced (LRDIMM)	
Supported DIMMs	DDR4-2933	
DIMM Slots Available	12	12 DIMM slots per processor, 6 channels per processor, 2 DIMMs per channel
Maximum Capacity (LRDIMM)	1.5 TB	12 x 128GB LRDIMM
Maximum Capacity (LRDIMM)	768 GB	6 x 128GB LRDIMM
Maximum Capacity (LRDIMM)	768 GB	12 x 64GB LRDIMM
Maximum Capacity (RDIMM)	384GB	12 x 32GB RDIMM

Notes:

- Rules under “Memory” section must be followed for Configuring and Mixing of DIMMs.
- Registered DIMMs (RDIMMs), Load Reduced DIMMs (LRDIMMs)

Memory Protection

For details on the HPE Server Memory Options RAS feature, visit:

<http://www.hpe.com/docs/memory-ras-feature>.

Expansion slots

The ProLiant e910 Server Blades I/O Options are configured through 2 Riser Connections.

There is Riser Connection on the Right side (RR) on the Left side (LR)

ProLiant DX910 1U					
	Slot Form Factor	Riser	Technology	Bus Width	Connector Width
Slot 1 (Standard)	Half-height, half length	LR	PCIe 3.0	X16	X16



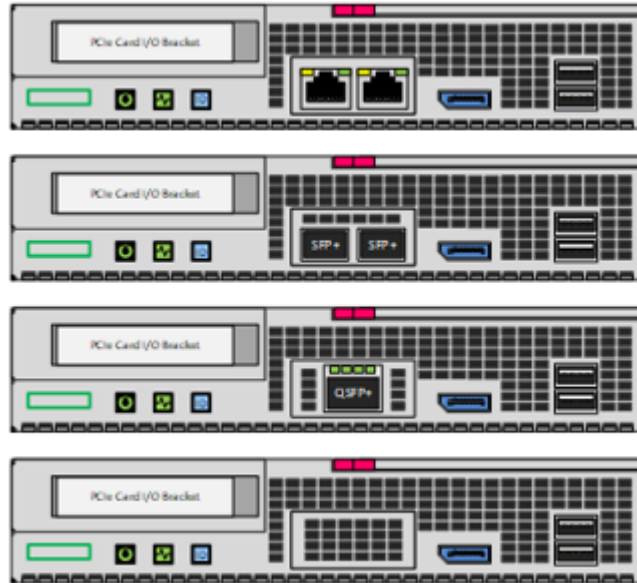
Standard Features

Network

- Intel® X722 Quad –port 10GbE
- Intel® I210 1GbE

The following configurable network connections are supported through riser kits on the DX910 blades:

- Customer specifies network interface desired at order time
- HPE Factory integrates the appropriate network riser
- All options utilize the Intel quad port Network interface



Dual SFP+

HPE DX910 2p 10GbE SFP+ Mod (P27128-B21)

QSFP+

HPE DX910 4p 10GbE QSFP+ Mod (P27126-B21)



Standard Features

SATA and PCIe controllers are integrated in the Intel® Chipset						
SSD Slot #	Physical Location	Technology	Bus Width	Connector Width	Form Factor	Supported Sizes
1	System Board	SATA-3, PCIe-3	x1, x2	x1, x2	2242/2280	120GB 240GB 256GB 512GB 1TB 2.048TB
2	System Board	SATA-3, PCIe-3	x1, x2	x1, x2	2242/2280	120GB 240GB 256GB 512GB 1TB 2.048TB
3	Expansion Option	PCIe-3, NVMe	x4	x4	2280/22110	256GB 512GB 1TB 2.048TB 960GB 1.92TB 3.84TB
4	Expansion Option	PCIe-3, NVMe	x4	x4	2280/22110	256GB 512GB 1TB 2.048TB 960GB 1.92TB 3.84TB
5	Expansion Option	PCIe-3, NVMe	x4	x4	2280/22110	256GB 512GB 1TB 2.048TB 960GB 1.92TB 3.84TB
6	Expansion Option	PCIe-3, NVMe	x4	x4	2280/22110	256GB 512GB 1TB 2.048TB 960GB 1.92TB 3.84TB
7	Right Riser (2U Blade)	NVMe	x4	x4	22110	960GB 1.92TB 3.84TB
8	Right Riser (2U Blade)	NVMe	x4	x4	22110	960GB 1.92TB 3.84TB



Standard Features

Maximum Internal Storage

- M.2 2242 SATA solid state device
480GB(2x240GB)
- M.2 2280 NVMe solid state devices
16.4TB(8x2TB)
- M.2 22110 NVMe solid state device
23.0TB(6x3.8TB)

Power Supply

Refer to the EL8000 QuickSpecs <https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00067727enw>

System Fans

Refer to the EL8000 QuickSpecs <https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00067727enw>

Interfaces

- Server Blade Link LED/button
- Server Blade UID LED/button

Operating Systems and Virtualization Software

Support for ProLiant Servers

- Nutanix Acropolis Operating System (AOS): Version 5.10.5 and higher
- Nutanix Acropolis Hypervisor (AHV): Version 2017030.279 and higher
- VMware vSphere: Version 6.5 U2, 6.5 U3, 6.7 U3

Notes: The latest version of AOS and AHV are pre-installed in each server at the factory. vSphere must be installed separately

Industry Standard Compliance

- PXE Support
- PCIe 3.0 Compliant
- WOL Support
- Microsoft® Logo certifications
- USB 2.0 and 3.0 Support
- ACPI 2.0 Compliant

HPE Server UEFI ROM

Unified Extensible Firmware Interface (UEFI) is an industry standard that provides better manageability and more secured configuration than the legacy ROM while interacting with your server at boot time. The HPE ProLiant DX910 Server Blades default to UEFI and does not support Legacy BIOS Boot Mode.

Notes: The UEFI System Utilities function is analogous to the HPE ROM-Based Setup Utility (RBSU) of legacy BIOS. For more information, please visit <https://www.hpe.com/psnow/doc/PSN6935826USEN.pdf>

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 (only used in HPE Edgeline System)
- Embedded UEFI Shell



Standard Features

- Mass Configuration Deployment Tool using RESTful API for iLO 4
- PXE boot support for IPv6 networks
- Boot support for option cards that only support a UEFI option ROM (only used in HPE Edgeline System)
- Network Stack configurations

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

Form Factor

HPE ProLiant DX910 Server Blades plug into the HPE ProLiant DX8000 Systems.

Embedded Management

HPE Integrated Lights-Out Advanced (HPE iLO Advanced)

The ProLiant e910 Server Blades come standard with iLO Advanced features. 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 <https://www.hpe.com/psnow/doc/PSN6935826USEN.pdf>.

RESTful API

RESTful API for iLO 5 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 a 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>

Security

- Serial interface control
 - Administrator's password
 - Power-on password
 - TPM2.0
 - UEFI
 - iLO 5 has 12 customizable user accounts and SSL encryption
 - iLO 5 can be disabled via a Global Setting
 - iLO Advanced supports directory services integration
-



Standard Features

HPE Trusted Platform Module

HPE Trusted Platform Module 2.0 is embedded on the Server Cartridge, 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 was 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 Pointnext - Service and Support

Get the most from your HPE Products. Get the expertise you need at every step of your IT journey with **HPE Pointnext Services**. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Pointnext **Advisory Services** focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our **Professional** and **Operational Services** can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Pointnext specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

Consume IT on your terms

HPE GreenLake 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 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

Managed services to run your IT operations

HPE GreenLake Management Services provides 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.

Free up resources with Operational Services from HPE Pointnext Services

HPE delivers services for IT by using proven best practices as well as automation and methodologies that have been tested and refined by HPE experts and artificial intelligence through thousands of deployments globally. Choose from the recommended services for customers purchasing from Hewlett Packard Enterprise or an authorized reseller. Services are quoted using Hewlett Packard Enterprise order configuration tools.

HPE ProLiant DX Server Support Service – (Choose the response level that meets your needs)

Notes: 3-Year, Next Business Day Onsite support is included with every DX server, but several services uplifts are available to meet your needs.

HPE ProLiant DX Server Support Services help whenever there is a HW or iLo Advanced problem. These services are available in 3, 4, and 5 year terms with a choice of response levels: Next Business day (NBD), 24x7 with a 4 hour response, and 6 hour Call-To-Repair (CTR). Note that Call-To-Repair Service connects you to HPE 24 hours a day, seven days a week for assistance on resolving issues -this includes our highest level commitment to repair hardware within six hours after opening your case and response to software questions within two hours. In addition, Collaborative software support is included and provides troubleshooting assistance on industry leading software running on your server.

Simplify your support experience and make HPE your first call to help resolve hardware or iLo Advanced Software problems. (Nutanix should be your first call for any issues related to the Nutanix Software).

For more information on this service: https://www.hpe.com/psnow/doc/a50000081enw?jumpid=in_lit-psnow-red



Service and Support

HPE Pointnext Complete Care

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 Pointnext Complete Care 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

If you need your ProLiant DX Servers connected to your Complete Care contract, please let your sales teams know, and reach out to your HPE DX Category manager for further assistance.

<https://www.hpe.com/services/complecare>

Connect your devices

Unlock all of the benefits of your technology investment by connecting your products to Hewlett Packard Enterprise. Reduce down time, increase diagnostic accuracy and have a single consolidated view of your environment. By connecting, you will receive 24x7 monitoring, pre-failure alerts, automatic call logging, and automatic parts dispatch. HPE Tech Care Service and HPE Complete Care Service customers will also benefit from proactive activities to help prevent issues and increase optimization. All of these benefits are already available to you with your server storage and networking products, securely connected to HPE support. Learn more about getting connected at <http://www.hpe.com/services/getconnected>

Other related services from HPE Pointnext

HPE Server Hardware Installation

Provides for the basic hardware installation of your new Edgeline System. It is part of a suite of HPE deployment services that are designed to give you the peace of mind that comes from knowing your HPE products have been installed by Hewlett Packard Enterprise authorized service specialist in accordance with the product's documentation.

<https://www.hpe.com/h20195/v2/Getdocument.aspx?docname=a00062322enw>

HPE Installation and Startup Service

Provides for the installation of your new Edgeline System. This service will assist you in bringing your new HPE Edgeline System into operation and make it remotely accessible in a timely and professional manner. The HPE service delivery technician will connect the product to the network as appropriate and enable remote support to allow for automatic case creation for hardware failures. Installation and start up services also includes the installation of one supported operating system type (Windows® or Linux). <https://www.hpe.com/h20195/v2/Getdocument.aspx?docname=a00062211enw>

HPE Service Credits

Offers flexible services and technical skills to meet your IT demands as your business evolves. With a menu of services, you can access additional resources and specialist skills to help you maintain peak performance of your IT. HPE Service Credits help you proactively respond to your dynamic IT and business needs.

HPE Education Services

Provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

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



Service and Support

Warranty

Notes: 3-Year, Next Business Day Onsite support is included with every DX server, covering your complete configuration.

This product is covered by a global limited warranty and supported by Hewlett Packard Enterprise Services and a worldwide network of HPE Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Pointnext operational services or customized service agreements. Hard drives have either a one year or three year warranty; refer to the specific hard drive QuickSpecs for details.

NOTES: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Optional CSR parts are designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. 2) No CSR parts are also designed for requiring a Hewlett Packard Enterprise authorized service provider replace the part. Additional information regarding worldwide limited warranty and technical support is available at: <http://h20564.www2.hp.com/hpsc/wc/public/home>

Parts and Materials

Hewlett Packard Enterprise 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.

Defective Media Retention

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

For more information

- www.hp.com/services
- <https://www.hp.com/us/en/services/operational.html>

To learn more on HPE Storage 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.hp.com/us/en/contact-hpe.html>

HPE Support Services are sold by HPE 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 HPE Support Services at <https://ssc.hp.com/portal/site/ssc/>



Configuration Information

Notes:

- 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 cartridge only, proceed to Step 1

Base Configuration

Select 1

ProLiant DX8000 Chassis

HPE ProLiant DX8000 5U Configure-to-order Front Cabling Chassis P27112-B21

Power Supply Options

Select One or Two (for Redundancy)

HPE DX8000 1500W 264VAC Front Cabling FIO Power Supply Kit P27129-B21

HPE DX8000 1500W -48VDC Front Cabling FIO Power Supply Kit P27130-B21

HPE ProLiant DX910 1U Node Configure-to-order Blade Server P27111-B21

iLO5 Advanced is enabled by attaching the below SKU, one per blade:

HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features BD505A

Configure ProLiant Server Cartridge

Choose appropriate Option

Processor Option

Select One

Intel Xeon-Gold 6212U (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DX910 P27116-B21

Intel Xeon-Gold 6230N (2.3GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DX910 P27118-B21

Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) FIO Processor Kit for HPE ProLiant DX910 P27119-B21

Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) FIO Processor Kit for HPE ProLiant DX910 P27117-B21

Riser Options

Select Zero to One

ProLiant DX910 1U Server Blade

HPE ProLiant DX910 1U x16 HHHL Left FIO Riser Kit P27122-B21

Storage Expansion Option

Select Zero or One

ProLiant DX910 1U Server Blade

HPE ProLiant e910 4-slot NVMe M.2 Enablement Kit P12386-B21

Notes: The M.2 Enablement Kit (P12386-B21) supports Qty4 of M.2 2280 and M.2 22110 SSDs. Mixing of 2280 and 22110 SSD Form Factors are allowed



Configuration Information

HPE Memory

Select 1 to 12 of the following:

HPE DX 16GB (1x16GB) Dual Rank x8 DDR4-2933 CAS-21-21-21 Registered FIO Memory Kit	P27131-B21
HPE DX 32GB (1x32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered FIO Memory Kit	P27132-B21
HPE DX 64GB (1x64GB) Quad Rank x4 DDR4-2933 CAS-21-21-21 Load Reduced FIO Memory Kit	P27133-B21
HPE DX 128GB (1x128GB) Octal Rank x4 DDR4-2933 CAS-21-21-21 Load Reduced FIO Memory Kit	P27134-B21

Notes:

- Mixing of RDIMMs and LRDIMMs is not allowed
- Mixing of different LRDIMM capacity kits is not allowed (i.e 64GB &128GB)
- Standard 2nd generation processors (i.e. x2xx) can only support up to and including 1024GB Max of memory per processor/socket. For configurations exceeding 1TB/socket, the “M” series processor (2TB/socket) is required.

HPE Solid State Drives

Select 0 to 2 of the following:

HPE 120GB SATA M.2 2242 Solid State Drive Field Upgradable Kit	866842-B21
--	------------

Select 0 to 6 of the following:

HPE DX 1.92TB NVMe x4 Lanes Mixed Use M.2 22110 3yr Wty Extended Temperature FIO SSD	P27124-B21
HPE DX 3.84TB NVMe x4 Lanes Mixed Use M.2 22110 3yr Wty Extended Temperature FIO SSD	P27125-B21

Choose Additional Options

Choose additional options for Factory Integration from sections below



Additional Options

PCIe Slot Options:

Notes:

- See Riser Kit Options above for determine configuration quantities.
 - ProLiant e910 1U max Qty. of 1 with Riser Option(P12384-B21)

Networking

HPE DX Ethernet 10Gb 2-port 562SFP+ FIO Adapter	P18455-B21
HPE DX Ethernet 1Gb 4-port 366T FIO Adapter	P18460-B21
HPE DX Ethernet 10/25Gb 2-port 640SFP28 FIO Adapter	P18462-B21

Flex-LOM:

Notes: The ProLiant e910 Server Blades have a Network Module on the front of the server blade. The module design allows for the below choices for network connections

HPE ProLiant DX910 4-port 10GbE QSFP+ FIO Module	P27126-B21
--	------------

Network Riser Kit

HPE ProLiant DX910 2-port 10GbE SFP+ FIO Module	P27128-B21
---	------------

Supported Cables

HPE DX 25Gb SFP28 SR 100m FIO Transceiver	P18413-B21
---	------------



Technical Specifications

Server Cartridge

HPE ProLiant DX910 Server Blade

- **Dimensions (H x W x D):** 6.57 x 7.23 x 0.78in (16.71 x 18.37 x 1.98cm)
 - **Typical Power:** 300W per U
 - **Max Power:** 400W per U
-

System Inlet Temperature

- **Standard Operating**
HPE ProLiant DX8000 Chassis and ProLiant DX910 Server Blades: Typical range is 10° to 35°C (50° to 95°F) with altitude derating.
 - **Extended Operating**
HPE ProLiant DX8000 and ProLiant e910 Server Blades: Depending on hardware configuration, the supported system inlet range can be extended up to 55°C. Compliance to ASHRAE A3 and A4 standards is also available. The approved hardware configurations for this system are listed in the Edgeline system documentation.
-

Emissions Classification (EMC)

- **FCC Rating:** Class A
- **Normative Standards:** CISPR 22; EN55022; EN55024; FCC CFR 47, Pt 15; ICES-003; CNS13438; K22;K24; 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
15-Nov-2021	Version 4	Changed	Service and Support Pointnext Tech Care and Complete Care information updated
05-Oct-2020	Version 3	Changed	Standard Features and Additional Options sections were updated.
03-Aug-2020	Version 2	Changed	Overview, Standard Features and Configuration Information sections were updated.
01-Jun-2020	Version 1	New	New QuickSpecs



Copyright

Make the right purchase decision.
Contact our presales specialists.



Chat



Email



Call



Get updates



© Copyright 2021 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

a50000487enw - 16610 - Worldwide - V4 - 15-November-2021