

HPE ProLiant DL20 Gen9 E3-1230v6 1P 8GB-U H240 4SFF 900W PS Solution Server (P06049-B21)

ProLiant DL Servers



Overview

Are you looking for a compact 1U server that works in a variety of environments?

The dense and compact HPE ProLiant DL20 Gen9 server powered by Intel® Pentium®, Core i3 and E3-1200 v5/v6

What's new

- Introducing support for Intel® Xeon® E3-1200v6 and 2400MHz UDIMM
- Build a fully functional server with ClearOS that is just right for you at no upfront cost.

For more information, check the ClearOS link on the right.

- Now a Docker ready server
- NVIDIA M2000 GPU support included for graphics intensive workload
- New SMB focused offers regionally released as “Smart Buy Express” in the U.S. and Canada, “Top Value” in Europe, and “Intelligent Buy” in Asia Pacific and Japan.

processors provides a unique blend of enterprise-class capabilities at a great value—making it an ideal rack server platform for growing businesses and service providers. It offers outstanding configuration flexibility to cater to a wide variety of business requirements at an affordable price point. The ProLiant DL20 Gen9 server offers a range of HPE Qualified Options to fit most needs like affordable drives for light workloads, solid state drives for the demanding requirements, from a single non-hot plug power supply to an efficient HPE hot plug redundant power supply, from multiple storage controllers to the HPE FlexibleLOM networking cards—helping customers find the right configuration for their workloads.

Features

Optimized Reliable Solution

The HPE ProLiant DL20 Gen9 Server is a 1P 1U rack server that combines the right balance of performance, expandability, reliability and manageability for a variety of business needs.

The DL20 Gen9 Server combines a dense and compact form factor with redundant power supply capability which keeps your business running and provides data protection and accessibility even in the event of a power supply failure.

Customers can protect against data loss and downtime with the enhanced error handing of HPE DDR4 ECC memory options while also improving workload performance and power efficiency.

Trusted and proven HPE Smart Array technology provides businesses with protection for critical data through RAID mirroring and striping capability and, with FBWC up to 4 GB, captures and holds data indefinitely in the event of a power loss, equipment failure, or human error.

Your business cannot afford disruptions due to downtime on your server. HPE Insight Online with HPE Insight Remote Support provides 24x7 remote monitoring with anywhere, anytime personalized access to your IT and support status to get your business up and running.

Ease of Use for Many Environments and Workloads

The HPE ProLiant DL20 Gen9 Server is a short-depth chassis of 15.05-inch providing mobility and easy deployment in a wide variety of environments.

The HPE embedded management solution based on HPE iLO 4 provides simple, versatile and comprehensive tools to deploy, manage and troubleshoot servers—even for customers with limited IT resources.

The ProLiant DL20 Gen9 server has the great quality and design features that are a hallmark of the ProLiant family such as tool-less access to system components and enhanced serviceability.

Great Combination of Performance and Efficiency

The HPE ProLiant DL20 Gen9 Server supports Flex LOM which enables next-generation network capability for faster data transfer.

You have a wide choice of dual core and quad core Intel Pentium and Xeon® E3-1200 processors with up to 64 GB of DDR4 ECC memory to handle any demands that your workload might make on the HPE ProLiant DL20 Gen9 Server.

The ProLiant DL20 Gen9 server consumes up to 29% less power compared to the previous generation which combined with the efficient, redundant power supply solution provides you with an Energy Star® certified power saving solution.

Technical specifications

HPE ProLiant DL20 Gen9 E3-1230v6 1P 8GB-U H240 4SFF 900W PS Solution Server

Product Number (SKU)	P06049-B21
Processor	Intel® Xeon® E3-1230v6
Number of processors	1
Processor core available	4, per processor
Processor cache	8MB L3
Processor speed	3.5 GHz
Form factor (fully configured)	1U
Form factor chassis	Rack
Power supply type	(2) Entry-Level
Expansion slots	(2) Maximum - For detail descriptions reference the QuickSpecs
Maximum memory	64GB
Memory, standard	8 GB (1x 8 GB) UDIMM
Memory slots	4 DIMM slots Maximum
Memory type	HPE Standard Memory
Memory protection features	Advanced ECC
Drive description	(2) LFF SAS/SATA/SSD or (4) SFF SAS/SATA/SSD Hot plug and/or Non-hot plug, depending on model
Included hard drives	None ship standard
Optical drive type	None ship standard
Network controller	1Gb 332i Ethernet Adapter 2 Ports per controller Applicable to all models
Storage controller	Dynamic Smart Array B140i or H240 Host Bus Adapter or Smart Array P440 Depending on model
Minimum dimensions (W x D x H)	4.32 x 43.46 x 38.22 cm
Infrastructure management	iLO Management (standard), Intelligent Provisioning (standard), iLO Essentials(optional), iLO Scale-Out(optional) iLO Advanced (optional)

Warranty

1/1/1 Server Warranty includes one year of parts, one year of labor, one year of onsite support coverage. Additional information regarding worldwide limited warranty and technical support is available at: www.hpe.com/services/support. 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 www.hpe.com/services/support.

Additional resources**QuickSpecs**

[hpe.com/h20195/v2/GetDocument.aspx?](http://hpe.com/h20195/v2/GetDocument.aspx?docname=c04834960)

docname=c04834960

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.