Hewlett Packard Enterprise

HPE ProLiant DL360 Gen9 Server

ProLiant DL Servers

What's new

- Intel® Xeon® E5-2600 v4 Processors with 21% [1] performance gain and up to 22 cores
- 2400MHz DDR4 memory offering up to 23% [2] performance gain and 3.0 TB max capacity with 128GB LRDIMMs
- HPE 25Gb Ethernet Adapters to help improve performance with latency sensitive applications
- Industry-leading NVMe PCIe SFF SSDs up to 2.0 TB for low latency and top performance
- Direct connect up to 16 drives with HPE

Overview

Does your data center need a performance driven dense 1U server that you can confidently deploy for virtualization, data base, or high-performance computing?

The HPE ProLiant DL360 Gen9 Server delivers a 1U chassis with up to two processors, delivering an optimal unit that combines high-performance, low energy consumption, improved uptime, and increased density. Leveraging Intel's latest E5-2600 v4 processors with 21% [1] performance gain, plus the latest 2400 MHz HPE DDR4 SmartMemory supporting up to 3 TB and up to 23% [2] performance increase. Manage your DL360 Gen9 Server in any IT environment by automating the most essential server lifecycle management tasks with HPE OneView and HPE Integrated Lights-Out:

Smart Array P840ar Controller

- 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.

deploy, update, monitor and maintain with ease.

Features

Dense and Flexible High-Performance Compute Power

The HPE ProLiant DL360 Gen9 Server has up to 24 HPE DDR4 SmartMemory DIMM slots with up to 3 TB max memory, built-in intelligence to improve performance, reduce downtime and energy costs resulting in up to 23% better throughput performance. [2]

You have a choice of Embedded 4x1GbE, HPE FlexibleLOM, PCIe standup 1GbE to 10/25GbE to 40GbE adapters which provides flexibility of networking bandwidth and fabric so you can adapt and grow to changing business needs.

Achieve greater capacity with flexible drive configuration options with up to ten SFF, four LFF drive along with option to support up to six NVMe PCIe SSDs delivering optimal performance, capacity, and reliability to meet various customer segments and workload requirements at the right economics.

HPE Persistent Memory, the world's first Non-volatile DIMM (NVDIMM) optimized on ProLiant, offering unprecedented levels of performance for databases and analytic workloads.

Industry-Leading Energy Efficiency for a Quicker Return on Your Investment

The HPE ProLiant DL360 Gen9 Server supports industry standard Intel® Xeon® E5-2600 v3 and E5-2600 v4 processors with up to 22 cores and 3 TB of HPE DDR4 SmartMemory.

The HPE ProLiant DL360 Gen9 Server supports improved ambient temperature standards with HPE Extended Ambient Operating Support (ASHRAE A3 and A4) helping to reduce your cooling expenses. [3]

High efficiency redundant HPE Flexible Slot Power Supplies provide up to 96% efficiency (Titanium), HPE Flexible Slot Battery Backup module and support for the HPE Power Discovery Services offering.

ENERGY STAR® qualified server configurations illustrate a continued commitment to helping customers conserve energy and save money.

Agile Infrastructure Management for Accelerating IT Service Delivery

With the HPE ProLiant DL360 Gen9 Server, HPE OneView provides infrastructure management for automation simplicity across servers, storage and networking.

Online personalized dashboard for Converged Infrastructure health monitoring and support management with HPE Insight Online.

Embedded management to deploy, monitor and support your DL360 Gen9 Server remotely, out of band with HPE iLO.

Configure in Unified Extensible Firmware Interface (UEFI) boot mode to provision local and remote servers with HPE ILO with Intelligent Provisioning and Scripting Toolkits.

Optimize firmware and driver updates and reduce downtime with Smart Update Solution, consisting of Smart Update Manager (SUM) and Service Pack for ProLiant (SPP).

Industry Leading Serviceability

The HPE ProLiant DL360 Gen9 Server comes with a complete set of Technology Services, delivering confidence, reducing risk and helping customers realize agility and stability. HPE provides consulting to transform your infrastructure; services to deploy, migrate and support your new ProLiant Servers.

HPE provides consulting advice to transform and modernize your infrastructure; services to deploy, migrate and support your new ProLiant servers and education to help you succeed quickly.

Worldwide availability, service and support for customers who have multiple data centers in multiple countries.

Technical specifications   HPE ProLiant DL360 Gen9 Server

Processor family	Intel® Xeon® E5-2600 v3 product family Intel® Xeon® E5-2600 v4 product family
Number of processors	1 or 2
Processor core available	22 or 20 or 18 or 16 or 14 or 12 or 10 or 8 or 6 or 4
Processor cache	10MB L3 15MB L3 20MB L3 25MB L3 30MB L3 35MB L3 40MB L3 45MB L3 50MB L3 55MB L3
Processor speed	3.5GHz
Form factor (fully configured)	1U
Form factor chassis	Rack
Power supply type	(2) Flex Slot
Expansion slots	(3) Maximum - For detail descriptions reference the QuickSpecs
Memory, maximum	3.0TB
Memory slots	24 DIMM slots
Memory type	DDR4 SmartMemory
Drive description	(4) LFF SAS/SATA/SSD (8) SFF SAS/SATA/SSD or (10) SFF SAS/SATA/SSD (6) SFF NVMe (optional) NVMe support via Express Bay will limit max drive capacity
System fan features	Hot plug redundant standard
Network controller	1Gb 331i Ethernet Adapter 4 Ports per controller and/or Optional FlexibleLOM Depending on model
Storage controller	(1) Dynamic Smart Array B140i or (1) H240ar Host Bus Adapter or (1) Smart Array P440ar Depending on model
Infrastructure management	iLO Management (standard), Intelligent Provisioning (standard), iLO Advanced (optional), HP Insight Control (optional)
Warranty	3/3/3 - Server Warranty includes three years of parts, three years of labor, three years of onsite support coverage. Additional information regarding worldwide limited warranty and technical support is available at: http://h18004.www1.hp.com/products/servers/platforms/warranty/index.html Additional HP support and service coverage for your product that can be purchased locally. For information on availability of service upgrades and the cost for these service upgrades, refer to the HP website at http://www.hp.com/support

HPE Services

Let HPE help guide you to the New Style of Business.HPE Technology Services delivers confidence, reduces risk, and helps you realize greater agility and stability.**hpe.com/services**

- HPE implementation and installation services enable faster, more reliable startup of your new ProLiant Gen9 servers, and our support portfolio allows you to get connected and get back to business fast.

- HPE Foundation Care provides a choice of coverage levels and response times for hardware and software support.

- We recommend HPE Proactive Care for ProLiant servers to prevent issues and resolve problems quickly and efficiently.

- HPE Datacenter Care enables you to operate and evolve your IT environment at a lower cost and with more agility, including our Flexible Capacity Service to acquire IT without impacting capital budget.

- Our support technology lets you tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.

- Our Consulting services provide advice and guidance to safely move your workloads to newer technologies

[1] Intel performance testing, http://www.intel.com/performance, comparing measurements on platform with two E5-2600 v3 vs E5-2600 v4. November 2015.

[2] up to 23% better performance is based on similar capacity DIMM running on HPE server compared to a non HPE server with DDR4. HPE internal labs estimate, March 2016.

[3] Please see www.hp.com/servers/ASHRAE for details.

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