

HPE ProLiant DL360 Gen9 Server

Dense performance for multi-workload compute in the data center



Uniquely optimized system design and architecture

- Dense and flexible high-performance compute power—up to 24 HPE DDR4 SmartMemory DIMM slots and up to 3.0 TB of memory with built-in intelligence improve performance and reduce downtime and energy costs, resulting in up to 23 percent better throughput performance.³
- Industry-leading energy efficiency for lower power consumption—supports improved ambient temperature ASHRAE A3 and A4 standards, helping you reduce cooling expenses.
- Agile infrastructure management for accelerating IT service delivery—software-defined management for automation simplicity across servers, storage, and networking with HPE OneView.

Purpose-built for dense performance

World-renowned for supporting dense general-purpose computing needs, the HPE ProLiant DL360 Server just got better. The Gen9 release of this industry-leading server platform¹ delivers increased performance with the best memory and I/O expandability—packed in a dense 1U/2-socket rack design.

Continuing its legacy of reliability, serviceability, and continuous availability, the ProLiant DL360 Gen9 Server is the ideal choice for:

- **Compute-intensive applications**—Such as Big Data, analytics, seismic discovery, and more
- **Dynamic workloads**—Such as high-performance computing, databases, and virtualized private and public cloud; all of these workloads require a top-rate balance of performance, energy efficiency, and density
- **Low-latency and transactional applications**—Such as those used in the financial services industry
- **Space-constrained server environments**—Such as those used by small-to medium-sized businesses (SMBs) and service providers

Higher performance, extended support

Designed with performance in mind, the HPE ProLiant DL360 Gen9 Server leverages the latest Intel® Xeon® E5-2600 v3 and v4 processors to offer up to 21 percent performance gains.²

You can manage your HPE ProLiant DL360 Gen9 Server in any IT environment by automating the most essential server lifecycle management tasks—deploy, update, monitor, and maintain. And to support your heterogeneous IT environment, the DL360 Gen9 supports Microsoft® Windows® and Linux® operating systems, as well as VMware® and Citrix® virtualization environments.

¹ C0315 IDC Server Tracker.

² Intel® performance testing, [intel.com/performance](https://www.intel.com/performance), comparing measurements on platform with two E5-2600 v3 vs E5-2600 v4, November 2015.

³ 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.

Technical specifications

In the following table, **bold** text denotes new features or functions, as compared to the HPE ProLiant DL360p Gen8 Server.

HPE ProLiant DL360 Gen9 Server	
Compute	Up to two Intel Xeon E5-2600 v3 or v4 series, 4/6/8/10/12/ 14/16/18/20/22 cores, PCIe 3.0, up to three available slot(s)
Memory	HPE SmartMemory (24) DDR4 , up to 2,400 MHz (3.0 TB max)
Persistent Memory ⁴	Up to (16) 8 GB NVDIMM option (128 GB max)
Flash-backed write cache (FBWC)	2 GB DDR3-1, 866 MHz, 72-bit wide bus at 14.9 GB/s on P440ar
Battery	HPE DL/ML/SL 96 W Smart Storage Battery
HPE SmartDrive	8 + 2 SFF/4 LFF max, HDD/SSD, M.2 enabled and optional 6 NVMe PCIe SSD support
Networking	4 x 1GbE embedded + FlexibleLOM slot + Standup card
VGA/serial/USB ports/SD	Front VGA opt, rear VGA standard, and serial opt. , 5 USB 3.0, 2 USB 2.0 optional, Dual microSD optional
GPU support	Up to two single-wide and active to 9.5" in length
System ROM	UEFI and Legacy BIOS
Converged management	HPE OneView with HPE iLO Advanced
Support management	HPE Insight Online with enhanced mobile app
Embedded management	HPE iLO 4, Intelligent Provisioning, Smart Update Manager (SUM), RESTful Interface Tool, Scripting Tools for Microsoft Windows Server⁵ PowerShell
Power and cooling	Up to 96 percent efficient (Titanium) with HPE Flexible Slot Power Supplies with optional HPE Battery Backup Hot plug fans with full N+1 redundancy, optional high performance fans
Industry compliance	ASHRAE³ A3 and A4 , lower idle power, and ENERGY STAR [®]
Power discovery services	Supported
Location discovery services	Optional
Form factor/Chassis depth	Rack (1U), 27.5" (SFF), 29.5" (LFF)
Serviceability—easy install rails	Standard
Warranty	3/3/3

⁴ NVDIMM Availability Q2-Q3 2016

⁵ See hpe.com/servers/ASHRAE for details.

View the QuickSpecs at:

hpe.com/servers/DL360gen9/qs



hpe.com/qref/DL360gen9

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.

- Our **consulting** services provide advice and guidance to safely move your workloads to newer technologies.
- 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 Gen9 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.

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