

HP ProLiant DL360 Gen9 Server

Dense performance for multi-workload computes in the data center



- **Dense and flexible high-performance compute power**—Up to 24 DDR4 HP SmartMemory DIMM slots with built-in intelligence improve performance and reduce downtime and energy costs, resulting in up to 14 percent better throughput performance.²
- **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**—Converging management for automation simplicity across servers, storage, and networking with HP OneView.³

Uniquely optimized system design and architecture

Purpose-built for dense performance

World-renowned for supporting dense general-purpose computing needs, the HP 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:

- **Space-constrained server workloads**—Such as those used by small- to medium-sized businesses (SMBs) and service providers
- **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
- **Compute-intensive applications**—Such as Big Data, analytics, seismic discovery, and more
- **Low-latency and transactional applications**—Such as those used in the financial services industry

Higher performance, extended support

Designed with performance in mind, the HP ProLiant DL360 Gen9 Server leverages the latest Intel® Xeon® E5-2600 v3 processors to offer up to 70 percent performance gains.⁴

You can manage your HP 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 IDC WW Quarterly Server Tracker, May 2014.

² Based on similar-capacity DIMM comparing HP server to a non-HP server with DDR4, July 2014.

³ HP OneView support for ProLiant Gen9 in DL and BL servers expected later in 2014.

⁴ Intel performance testing, comparing measurements on platform with two E5-2697 v2 (12C, 2.7 GHz), 8x8 GB DDR3-1866, RHEL 6.3 vs. platform with two E5-2697 v3 (14C, 2.6 GHz, 145 W), 8x8 GB DDR4-2133, RHEL 6.3, April 2014.

Technical specifications

In the following table, ***bold italic*** text designates a new or improved feature, as compared to the HP ProLiant DL360p Gen8 Server.

	HP ProLiant DL360 Gen9 Server
Compute	Up to two Intel Xeon <i>E5-2600 v3</i> series, 4/6/8/10/12/ <i>14/16/18</i> cores, PCIe 3.0, up to three available slot(s)
Memory	HP SmartMemory (24) <i>DDR4</i> , up to 2,133 MHz (768 GB max)
Storage	Standard HP Dynamic Smart Array <i>B140i</i> <i>Choice of HP Flexible Smart Array or HP Smart Host Bus Adapter Controllers for performance or additional features</i>
Flash-backed write cache (FBWC)	2 GB DDR3-1, 866 MHz, 72-bit wide bus at <i>14.9 GB/s on P440ar</i>
Battery	<i>HP DL/ML/SL 96 W Smart Storage Battery</i>
HP SmartDrives	8 + <i>2 SFF</i> /4 LFF max, HDD/SSD
Networking	<i>4 x 1GbE embedded</i> + FlexibleLOM slot
VGA/serial/USB ports	<i>Front VGA opt, rear VGA standard, and serial opt.</i> , 5 USB 3.0
GPU support	<i>Two single-wide and active to 9.5" in length, up to 150 W each</i>
On Premise management	<i>HP OneView</i> and <i>HP iLO Advanced</i>
On Cloud management	HP Insight Online <i>with enhanced mobile app</i>
On System management	<i>Changes in HP iLO, HP SUM, Intelligent Provisioning and scripting tools; plus the new UEFI and HP RESTful Interface Tool</i>
Power and cooling	Up to 94 percent efficient (Platinum Plus) with <i>HP Flexible Slot FF</i> Hot plug fans with full N+1 redundancy, optional high performance fans
Industry compliance	<i>ASHRAE A3 and A4</i> , lower idle power
Power discovery services	Supported
Location discovery services	<i>Optional</i>
Form factor/Chassis depth	Rack (1U), 27.5" (SFF), 29.5" (LFF)
Serviceability—easy install rails	<i>Standard</i>
Warranty	3/3/3

HP Services

Let HP help guide you to the New Style of IT. HP 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.
- HP 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.
- We recommend HP **Proactive Care** for ProLiant Gen9 servers to prevent issues and resolve problems quickly and efficiently.
- HP **Foundation Care** provides a choice of coverage levels and response times for hardware and software support.
- HP **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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