

# 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 HP DDR4 SmartMemory DIMM slots and up to 1.5 TB of memory with built-in intelligence improve performance and reduce downtime and energy costs, resulting in up to 14 percent better throughput performance.<sup>2</sup>
- 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 HP OneView.

## 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 platform<sup>1</sup> 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 continuously availability, the ProLiant DL360 Gen9 Server is the ideal choice for:

- **Space-constrained server environments**—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.<sup>3</sup>

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.

<sup>1</sup> CQ414 IDC Server Tracker.

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

<sup>3</sup> 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.

	<b>HP ProLiant DL360 Gen9 Server</b>
<b>Compute</b>	Up to two Intel Xeon <b><i>ES-2600 v3</i></b> series, 4/6/8/10/12/ <b>14/16/18</b> cores, PCIe 3.0, up to three available slot(s)
<b>Memory</b>	HP SmartMemory (24) <b><i>DDR4</i></b> , up to 2,133 MHz ( <b><i>1.5 TB</i></b> max)
<b>Storage</b>	Standard HP Dynamic Smart Array <b><i>B140i</i></b> <b><i>Choice of HP Flexible Smart Array or HP Smart Host Bus Adapter Controllers for performance or additional features</i></b>
<b>Flash-backed write cache (FBWC)</b>	2 GB DDR3-1, 866 MHz, 72-bit wide bus at <b><i>14.9 GB/s on P440ar</i></b>
<b>Battery</b>	<b><i>HP DL/ML/SL 96 W Smart Storage Battery</i></b>
<b>HP SmartDrive</b>	8 + 2 <b><i>SFF/4 LFF</i></b> max, HDD/SSD, <b><i>M.2 enabled and optional NVMe PCIe SSD support (32 TB max)</i></b>
<b>Networking</b>	<b><i>4 x 1GbE embedded</i></b> + FlexibleLOM slot + Standup card
<b>VGA/serial/USB/SD ports</b>	<b><i>Front VGA opt, rear VGA standard, and serial opt.</i></b> , 5 USB 3.0, 2 USB 2.0 optional, <b><i>Dual microSD optional</i></b>
<b>GPU support</b>	<b><i>Two single-wide and active to 9.5" in length, up to 150 W each</i></b>
<b>System ROM</b>	<b><i>UEFI</i></b> and Legacy BIOS
<b>Converged management</b>	<b><i>HP OneView with HP iLO Advanced</i></b>
<b>Support management</b>	HP Insight Online <b><i>with enhanced mobile app</i></b>
<b>Embedded management</b>	<b><i>HP iLO 4, HP Intelligent Provisioning, HP SUM, HP RESTful Interface Tool, HP Scripting Tools for Microsoft Windows Server® PowerShell</i></b>
<b>Power and cooling</b>	Up to 96 percent efficient (Titanium) with <b><i>HP Flexible Slot Power Supplies with optional HP Battery Backup</i></b> Hot plug fans with full N+1 redundancy, optional high performance fans
<b>Industry compliance</b>	<b><i>ASHRAE A3 and A4<sup>4</sup></i></b> , lower idle power, and ENERGY STAR®
<b>Power discovery services</b>	Supported
<b>Location discovery services</b>	<b><i>Optional</i></b>
<b>Form factor/Chassis depth</b>	Rack (1U), 27.5" (SFF), 29.5" (LFF)
<b>Serviceability—easy install rails</b>	<b><i>Standard</i></b>
<b>Warranty</b>	3/3/3

<sup>4</sup>See [hp.com/servers/ASHRAE](http://hp.com/servers/ASHRAE) for details.

View the QuickSpecs at:

[hp.com/servers/DL360gen9/qs](http://hp.com/servers/DL360gen9/qs)



[hp.com/qsref/dl360gen9](http://hp.com/qsref/dl360gen9)

**Sign up for updates**  
[hp.com/go/getupdated](http://hp.com/go/getupdated)

## HP Services

Let HP help guide you to the New Style of Business. 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.

**Learn more at**  
[hp.com/servers/DL360gen9](http://hp.com/servers/DL360gen9)



Share with colleagues



Rate this document

© Copyright 2014–2015 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP 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. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel Xeon is a trademark of Intel Corporation in the United States and/or other countries. Microsoft, Windows, and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Citrix is a registered trademark of Citrix Systems, Inc. and/or one more of its subsidiaries, and may be registered in the United States Patent and Trademark Office and in other countries. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. SD and microSD are trademarks or registered trademarks of SD-3C in the United States, other countries or both. ENERGY STAR is a registered mark owned by the U.S. government.

4AA5-4085ENW, August 2015, Rev. 3

