

HPE ProLiant DL380 Gen9 Server

The no-compromise data center standard



Future-proof design with flexible options

Choose the features/functions you need now; add more as necessary as your business needs grow; the modular chassis, networking, and controller designs allow for easy upgrades. Pay for what you need, when you need it.

Industry-leading performance and energy efficiency

For delivering faster business results and quicker returns on your investment; Up to 21% performance gain from Intel E5-2600 v4 processors², and up to 23% performance gain with new 2400MHz DDR4 memory³—numbers are based on SpecFR from Intel bin to bin compare and power saving features, such as, ENERGY STAR[®] rated systems and 96 percent efficient (Titanium)⁴, HPE Flexible Slot Power Supplies to drive down energy costs.

Agile infrastructure management

For accelerating IT service delivery; streamline management with HPE OneView—the software-defined management platform that delivers automation simplicity for a more agile and responsive infrastructure.

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 Memory 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.

⁴ 96 percent efficient (Titanium) HPE Flexible Slot Power Supplies.

Tomorrow's benchmark for multi-workload compute

Purpose-built for flexibility, efficiency, and manageability

As the world's best-selling server,¹ with Gen9, the DL380 just got better. Updated with the latest Intel E5-2600v4 processors and 2400MHz DDR4 memory, the DL380 is designed to adapt to the needs of any environment, from large enterprise to remote office/branch office, offering enhanced reliability, serviceability, and continuous availability, all backed by a comprehensive warranty.

With the HPE ProLiant DL380 Gen9 Server, you can deploy a single platform to handle a wide variety of enterprise workloads:

- Virtualization—Consolidate your server footprint by running multiple virtual machines on a single DL380
- Big Data—Manage exponential growth in your data volumes—structured, unstructured, and semi-structured
- Storage-centric applications—Remove bottlenecks and improve performance
- Data warehousing/analytics—Find the information you need, when you need it, to enable better business decisions
- Customer relationship management (CRM)—Gain a 360-degree view of your data to improve customer satisfaction and loyalty
- Enterprise resource planning (ERP)—Trust the DL380 Gen9 to help you run your business in near real time
- Virtual desktop infrastructure (VDI)—Deploy remote desktop services to provide your workers with the flexibility they need to work anywhere, at any time, using almost any device
- SAP[®]—Streamline your business processes through consistency and real-time transparency into your end-to-end corporate data

To support your heterogeneous IT environment, the DL380 Gen9 Server supports Microsoft[®] Windows[®] and Linux[®] operating systems, as well as VMware[®] and Citrix[®] virtualization environments.

Technical specifications

In the following table, ***bold italic*** text designates a new or improved feature, as compared to the HPE ProLiant DL380p Gen8 Server.

Compute	Up to two Intel® Xeon® <i>E5-2600v3 and E5-2600v4</i> series, 4/6/8/10/12/ <i>14/16/18/20/22</i> cores; PCIe 3.0, up to six available slot(s)
Memory	HPE SmartMemory (24) <i>DDR4</i> , up to <i>2400MHz (3TB⁵ max)</i>
Persistent Memory	Up to (16) 8 GB NVDIMM option (128 GB max) ⁵
Storage	<i>Standard HPE Dynamic Smart Array B140i, choice of HPE Flexible Smart Array or HPE Smart SAS HBA controllers</i>
FBWC	2 GB DDR3- <i>1,866</i> MHz, 72-bit wide bus at <i>14.9 GB/s on P440ar</i>
Battery	<i>HPE DL/ML/SL 96 W Smart Storage Battery optional</i>
HPE SmartDrives	<i>24 + 2 SFF/12 + 3 LFF max, HDD/SSD, M.2 enabled and optional 6 NVMe PCIe SSD support</i>
Networking	<i>4 x 1GbE Embedded</i> + choice of FlexibleLOM + Standup
VGA/serial/USB/SD ports	<i>Front VGA opt, rear VGA, and serial</i> standard, 5 USB <i>3.0</i> , 2 USB <i>2.0</i> optional, <i>Dual microSD</i> optional
GPU support	Single-/double-wide and <i>active/passive</i> cards from NVIDIA, Intel and AMD up to 10.5" (3)
System ROM	<i>UEFI</i> and Legacy BIOS
Converged management	<i>HPE OneView with HPE iLO Advanced</i>
Support management	HPE Insight Online with <i>enhanced mobile app</i>
Embedded management	<i>HPE iLO 4, Intelligent Provisioning, Smart Update Manager, RESTful Interface Tool, Scripting Tools for Windows PowerShell</i>
Power and cooling	96 percent efficient (Titanium) with <i>Flexible Slot Power Supplies with optional HPE Battery Backup Hot plug fans with full N + 1 redundancy, optional high performance fans</i>
Industry compliance	<i>ASHRAE A3 and A4⁶, lower idle power, and ENERGY STAR</i>
Power discovery services	Supported
Location discovery services	<i>Optional</i>
Form factor/Chassis depth	Rack (2U), <i>26.75"</i> (SFF), <i>28.75"</i> (LFF)
Serviceability—easy install rails	<i>Standard</i>
Warranty	3/3/3

⁵ Will be available H1 2016.

⁶ See hpe.com/servers/ASHRAE for details.

QuickSpecs
hpe.com/info/quickspecs

Learn more at
hpe.com/servers/dl380gen9



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- 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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