

# HP 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 70 percent performance gain from the Intel® Haswell E5-2620 v3 processors<sup>2</sup> and power saving features, such as, ENERGY STAR® rated systems and 96 percent efficient (Titanium),<sup>3</sup> HP Flexible Slot Power Supplies to drive down energy costs.

## Agile infrastructure management

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

## Tomorrow's benchmark for multi-workload compute

### Purpose-built for flexibility, efficiency, and manageability

As the world's best-selling server,<sup>1</sup> with Gen9, the DL380 just got better. Designed to adapt to the needs of any environment, from large enterprise to remote office/branch office, offering enhanced reliability, serviceability, and continuous availability, backed by a comprehensive warranty.

With the HP 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.

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

<sup>2</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.

<sup>3</sup> 96 percent efficient (Titanium) HP Flexible Slot Power Supplies.

## Technical specifications

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

<b>Compute</b>	Up to two Intel® Xeon® <b><i>E5-2600 v3</i></b> series, 4/6/8/10/12/ <b><i>14/16/18</i></b> cores; PCIe 3.0, up to six available slot(s)
<b>Memory</b>	HP SmartMemory (24) <b><i>DDR4</i></b> , up to <b><i>2,133</i></b> MHz ( <b><i>1.5 TB</i></b> max)
<b>Storage</b>	<b><i>Standard HP Dynamic Smart Array B140i, choice of HP Flexible Smart Array or HP Smart SAS HBA controllers</i></b>
<b>FBWC</b>	2 GB DDR3- <b><i>1,866</i></b> 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 optional</i></b>
<b>HP SmartDrives</b>	<b><i>24 + 2 SFF/12 + 3 LFF</i></b> max, HDD/SSD, <b><i>M.2 enabled and optional 6 NVMe PCIe SSD support (120 TB)</i></b> max)
<b>Networking</b>	<b><i>4 x 1GbE Embedded</i></b> + choice of FlexibleLOM + Standup
<b>VGA/serial/USB/SD ports</b>	<b><i>Front VGA opt, rear VGA, and serial</i></b> standard, 5 USB <b><i>3.0</i></b> , 2 USB <b><i>2.0</i></b> optional, <b><i>Dual microSD</i></b> optional
<b>GPU support</b>	Single-/double-wide and <b><i>active/passive</i></b> up to 10.5" (3)
<b>System ROM</b>	<b><i>UEFI</i></b> and Legacy BIOS
<b>Converged management</b>	<b><i>HP OneView with HP iLO Advance</i></b>
<b>Support management</b>	HP Insight Online with <b><i>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 Windows PowerShell</i></b>
<b>Power and cooling</b>	96 percent efficient (Titanium) with <b><i>Flexible Slot Power Supplies with optional HP Battery Backup Hot plug fans with full N + 1 redundancy, optional high performance fans</i></b>
<b>Industry compliance</b>	<b><i>ASHRAE A3 and A4<sup>4</sup>, lower idle power,</i></b> 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 (2U), <b><i>26.75"</i></b> (SFF), <b><i>28.75"</i></b> (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.

### QuickSpecs:

[hp.com/servers/DL380gen9/qs/](http://hp.com/servers/DL380gen9/qs/)



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- 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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