

# HPE ProLiant DL120 Gen9 Server

Density for performance-driven and virtualized workloads



## Enterprise-class features in a dense form factor

Performance, efficiency, and reliability in a 1U chassis.

## Cost-optimized for enterprise-class workloads

Advanced power features reduce data center expenses while the 1U/1-socket design reduces virtualization licensing costs.

## Agile infrastructure management for accelerating IT service delivery

Streamlined management accelerates IT service delivery; HPE OneView is a software-defined management platform that delivers automation simplicity across servers, storage, and networking.

## Addresses the business needs of SMBs and enterprises

In order to keep up with the global pace of ProLiant competition, **small- to medium-sized businesses** (SMBs) and enterprises alike need solutions tuned to your performance and budgetary needs, with the flexibility to keep up with your growing requirements. The HPE ProLiant DL120 Gen9 Server was designed with your needs in mind. It packs enterprise-class features into a dense, performance-optimized, one-socket server, featuring Intel® Xeon® E5-2600 v3/v4 and E5-1600 v3/v4 (higher frequency processors), eight DIMM slots of HPE DDR4 SmartMemory, and support for more I/O and storage tied to a single processor.

## Designed to lower virtualization licensing costs for service providers

Virtualization dramatically increases server efficiency and utilization. But socket-based licensing often means you are paying for slots that aren't being used. By offering enterprise-class features in a single-socket design, the HPE ProLiant DL120 Gen9 Server can deliver significant cost advantages to service providers with low-to-medium virtual machine density.

This dense 1S server will take care of your growing virtualization needs. It leverages an Intel Xeon E5-2600 v3/v4 processor and provides eight DIMM slots of HPE DDR4 SmartMemory. With support for up to four LFF and eight SFF 12 Gb/s HDD/SSD HPE SmartDrives, the DL120 dramatically enhances your ability to meet various workload requirements at the right economics. The embedded 2 x 1GbE Ethernet Adapter, up to three PCI Express (PCIe) slots, and choice of HPE FlexibleLOM provide you with networking bandwidth and fabric flexibility so you can preserve your investments as you adapt and grow to meet changing business needs.

Adding to the savings, the 80 PLUS Gold-certified entry-level redundant HPE Power Supplies provide up to 92% efficiency, which, combined with HPE Power Management features, leads to reduction of power consumption and expense. At the same time, improved ambient temperature standard with HPE Extended Ambient Operating Support (ASHRAE A3)<sup>1</sup> helps reduce cooling expenses. And the simple and compact design provides features that are easy to configure and use, as well as enhanced efficiency and agility with HPE Infrastructure Management. The result—reduced costs and accelerated IT service delivery.

<sup>1</sup> See [hpe.com/servers/ashrae](http://hpe.com/servers/ashrae) for details.

## Technical specifications

HPE ProLiant DL120 Gen9 Server	
<b>Compute</b>	One Intel Xeon E5-2600 v3/v4 or E5-1600 v3/v4 Series, 4/6/8/10/12/14/16/18/20/22 cores PCIe 3.0, up to three available slots
<b>Memory</b>	HPE SmartMemory (8) DDR4; up to 2400 MHz (256 GB max.)
<b>Storage</b>	HPE Dynamic Smart Array B140i, optional HPE Smart Array Controllers, and HPE Smart HBAs via PCIe stand-up cards
<b>HPE SmartDrive</b>	8 SFF/4 LFF max. HDD/SSD, M.2 enabled
<b>Networking</b>	2 x 1GbE embedded Ethernet Adapter with optional FlexibleLOM slot on riser
<b>VGA/Serial/USB/SD ports</b>	One rear VGA, three USB 3.0, one USB 2.0, one microSD, Dual microSD optional
<b>System ROM</b>	UEFI and Legacy BIOS
<b>Converged management</b>	HPE OneView with HPE iLO Advanced
<b>Support management</b>	HPE Insight Online with enhanced mobile application
<b>Embedded management</b>	HPE iLO 4, Intelligent Provisioning, System Update Manager (SUM), RESTful Interface Tool, Scripting Tools for Microsoft® Windows Server® PowerShell
<b>Power and cooling</b>	Up to 92% efficient (Gold). 550 W multi-output, 900 W RPS
<b>Industry compliance</b>	ASHRAE A3*
<b>Form factor/chassis depth</b>	Rack (1U) 23.9" (SFF), 23.9" (LFF)
<b>Serviceability—easy install rails</b>	Standard
<b>Warranty (parts/labor/on-site)</b>	3/1/1

\* See [hpe.com/servers/ashrae](http://hpe.com/servers/ashrae) for details.

QuickSpecs  
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## HPE Pointnext services

HPE Pointnext leverages our strength in infrastructure, partner ecosystems and the end-to-end lifecycle experience, to accelerate powerful, scalable IT solutions to provide you the assistance for faster time to value.

### Operational Services

- **Flexible Capacity:** An infrastructure service that offers on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **Datacenter Care:** HPE's most comprehensive support solution tailored to meet your specific data center support requirements.
- **Proactive Care:** An integrated set of reactive and proactive services designed to help you improve the stability and operation of your device.
- **Foundation Care:** Support for HPE servers, storage, networking hardware and software to meet your availability requirements with a variety of coverage levels and response times.

**Advisory & Transformation Services**—HPE Pointnext designs the transformation and builds a roadmap tuned to your unique challenges including Hybrid IT.

**Professional Services**—HPE Pointnext creates and integrates configurations that get the most out of software and hardware, and works with your preferred technologies to deliver the optimal solution.

Learn more at  
[hpe.com/servers/DL120gen9](http://hpe.com/servers/DL120gen9)

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