

HP 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; HP 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 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 HP 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 an Intel® Xeon® E5-2600 v3 processor, eight DIMM slots of HP DDR4 SmartMemory, and support for a graphics processing unit (GPU) card.

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 HP 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 processor and provides eight DIMM slots of HP DDR4 SmartMemory. With support for up to four LFF and eight SFF 12 Gb/s HDD/SSD HP 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 HP 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 HP Power Supplies provide up to 92 percent efficiency, which, combined with HP Power Management features, leads to reduction of power consumption and expense. At the same time, improved ambient temperature standard with HP Extended Ambient Operating Support (ASHRAE A3)¹ 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 HP Infrastructure Management. The result—reduced costs and accelerated IT service delivery.

¹ See hp.com/servers/ASHRAE for details.

Technical specifications

HP ProLiant DL120 Gen9 Server	
Compute	One Intel Xeon E5-2600 v3 Series, 4/6/8/10/12 cores PCIe 3.0, up to three available slots
Memory	HP SmartMemory (8) DDR4, up to 2,133 MHz (256 GB max)
Storage	HP Dynamic Smart Array B140i, optional HP Smart Array Controllers, and HP Smart HBAs via PCIe stand-up cards
HP SmartDrive	8 SFF/4 LFF max, HDD/SSD, M.2 enabled
Networking	2 x 1GbE embedded Ethernet Adapter with optional FlexibleLOM slot on riser
VGA/Serial/USB/SD ports	One rear VGA, three USB 3.0, one USB 2.0, one microSD, Dual microSD optional
System ROM	UEFI and Legacy BIOS
Converged management	HP OneView with HP iLO Advanced
Support management	HP Insight Online with enhanced mobile application
Embedded management	HP iLO 4, HP Intelligent Provisioning, HP System Update Manager (SUM), HP RESTful Interface Tool, HP Scripting Tools for Microsoft® Windows Server® PowerShell
Power and cooling	Up to 92 percent efficient (Gold). 550 W multi-output, 800 W RPS/900 W non-RPS
Industry compliance	ASHRAE A3*
Form factor/chassis depth	Rack (1U) 23.9" (SFF), 23.9" (LFF)
Serviceability—easy install rails	Standard
Warranty (parts/labor/onsite)	3/1/1

*See hp.com/servers/ASHRAE for details.

HP Services

QuickSpecs: hp.com/servers/DL120gen9/qs

Let HP help guide you and your business through the rapidly changing IT landscape. 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, anytime.

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