Hewlett Packard Enterprise

HPE ProLiant DL20 Gen9 Server

Compact, versatile, and efficient

Is the HPE ProLiant DL20 Gen9 Server right for my business?

This compact 1P server with enterprise-class capabilities is a great fit for:

- **Small- to medium-sized businesses and enterprises**—This compact single-socket rack server delivers performance, data protection, and ease-of-use suitable for most small- to medium-sized workloads—all in an install-anywhere compact form factor and a competitive price point. You can also select from a wide range of HPE Qualified Options, allowing you to leverage expandability and reliability features.

- **Tier 2 and 3 service providers**—ProLiant DL20 Gen9 Servers make it possible for you to scale out quickly and affordably to respond to changing business needs. The rack now provides cheaper drive options for environments that call for an affordable solution that can be easily ripped and replaced.

An ideal fit for small- to medium-sized businesses, enterprises, and service providers

The dense and compact HPE ProLiant DL20 Gen9 Server, powered by the latest Intel® Xeon® E3-1200 v5, Intel® Core™ i3, and Pentium® processors, blends enterprise-class capabilities with great value. Outstanding configuration flexibility caters to a wide variety of requirements at an affordable price point—making it an ideal platform for small- to medium-sized businesses, service providers, and enterprises running IT infrastructure workload, Web, or edge-of-network applications in space-constrained environments. The DL20 Gen9 Server offers a range of HPE Qualified Options—from drives to power supplies, to storage controllers, to HPE FlexibleLOM for next-generation network capability for faster data transfer—helping you find the right configuration and just the right price.

Data protection, ease of use, reliability, and performance

The server's data protection features include optional redundant power supplies, DDR4 memory, enhanced error handling, HPE Smart Array RAID mirroring and striping capabilities, and flash-backed write cache (FBWC) up to 4 GB. FBWC protects data by capturing and holding it indefinitely in the event of a power loss, equipment failure, human error, or virus attacks. Layering on business continuity features, the HPE Insight Online option with HPE Insight Remote Support provides 24x7 remote monitoring and anywhere, anytime access to your IT and support status to get your business up and running quickly if something goes wrong.

The server also features extreme ease of use, starting with a short-depth chassis for ease of deployment and mobility. Embedded HPE iLO 4 management provides easy-to-use tools for deploying, managing, and troubleshooting servers—ideal for those with limited IT resources. A wide choice of Intel® processors with up to 64 GB of DDR4 ECC memory helps you handle a variety of workload demands. And the latest ProLiant DL20 Gen9 Servers, powered by Intel Xeon processors, consume up to 29 percent less power,[1] which combined with the efficient redundant power supply option,[2] provides you with an ENERGY STAR®–certified power saving solution.

[1] Compared to the previous generation

[2] RPS option available only on SFF chassis

Technical specifications

In the following table, bold text denotes new features or functions, as compared to the HPE ProLiant DL320e Gen8 v2 Server.

	HPE ProLiant DL20 Gen9 Server
Compute	Choose from one Intel Xeon **E3-1200 v5 series**, 4-core; one Intel Pentium, 2-core; or one Intel Core i3, 2-core PCIe 3.0, up to 2 PCIe 3.0 slots
Memory	4 x **DDR4**, up to **2133 MHz** (**64 GB** max).
Storage	**HPE Dynamic Smart Array B140i, HPE Smart Array Controller P440 with FBWC, and HPE H240 Smart HBA**
HPE SmartDrives	2 LFF Non-Hot-Plug & Hot Plug (SAS/SATA); 4 SFF Hot Plug (SAS/SATA)
Networking	2 x 1GbE embedded Ethernet Adapter and **FlexibleLOM**
VGA/serial/USB ports/SD	2 rear USB 3.0, 2 front USB 2.0, and 1 internal USB 3.0
GPU support	**One single-width, half-length GPU (optional)**
Converged management	HPE OneView with HPE iLO Advanced
On-premise management	**HPE iLO 4** (Advanced/Scale-Out/Essentials [optional])
On-cloud management	HPE Insight Online with **enhanced mobile application**
On-system management	HPE iLO 4, Intelligent Provisioning, System Update Manager (SUM), RESTful Interface Tool
Power and cooling	Standard **290 W** (80Plus Silver certified) power supply; **HPE 900W AC 240VDC Redundant Power Supply Kit** (80Plus Gold certified) (optional for SFF chassis only)
Industry compliance	ASHRAE A3, **ENERGY STAR** (only on RPS configuration models)
Form factor/chassis depth	Rack (1U) 15.05" (ear to rear)
Warranty (parts/labor/onsite)	1/1/1
System ROM	**UEFI** and Legacy BIOS

Learn more at
hpe.com/servers/dl20gen9

hpe.com/qref/dl20gen9

f 𝕏 in ✉

Sign up for updates

HPE Services

Let HPE help guide you and your business through the rapidly changing IT landscape. HPE 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.

• 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 back to business fast.

• We recommend HPE Proactive Care for ProLiant Gen9 servers to prevent issues and resolve problems quickly and efficiently.

• HPE Foundation Care provides a choice of coverage levels and response times for hardware and software support.

• 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, anytime.

4AA6-2663ENW, September 2016, Rev. 4

Hewlett Packard Enterprise