

HP ProLiant DL180 Gen9 Server



The new standard for growing data center needs



Meets the needs of SMB and budget-conscious data centers

High storage density

Ready to expand to meet your growing needs.

Simple design

Flexible configurations provide the options you need today, as well as the capacity and scalability for future growth.

Automated management

For accelerating IT service delivery; streamline management with HP OneView—the software-defined management platform that delivers automation simplicity across servers, storage, and networking.

For years, the HP ProLiant DL180 Server (formerly the DL380e Gen8 Server) has met the needs of small- to medium-sized businesses (SMBs), large enterprises, and service providers alike. And with the Gen9 release, this server platform is even better.

By including the optimal combination of performance and affordability—coupled with a broad range of storage drive configurations and options—HP ProLiant DL180 Gen9 Server delivers the flexibility and scalability you need for the varied demands of 2U rack deployments and applications.

So if your SMB or enterprise is looking for affordability, flexibility, and growth options—delivered in a single server with a balanced design—then the HP ProLiant DL180 Gen9 Server is the right choice.

Ideal for your storage needs

A variety of storage configurations and options—enhanced by a choice of storage controllers—enables this server to support a wide range of storage workloads. You can use the DL180 Gen9 Server for small to medium databases, file serving, Windows® storage, and even the most demanding Big Data applications like Apache™ Hadoop®, which require the right mix of compute and storage.

Designed for scalability, high availability, and efficiency

With workload-optimized processors, 16 DIMM slots, 92 percent efficient power supply, ASHRAE A3/A4¹ compliance (for higher ambient temperature support), optional FlexibleLOM capability, and redundancy features, the ProLiant DL180 Gen9 Server offers the scalability and high availability required for growing workloads—making it a perfect match for virtualization and hyperscale environments.

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—accelerated IT service delivery.

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

Technical specifications

In the following table, ***bold italic*** text designates a new or improved feature, as compared to the HP ProLiant DL380e Gen8 Server.

	HP ProLiant DL180 Gen9 Server
Compute	Up to 2 Intel® Xeon® <i>E5-2600 v3</i> Series, 4/6/8/10/ <i>12</i> Cores, PCIe 3.0, up to 6 available slot(s)
Memory	HP SmartMemory (<i>16</i>) <i>DDR4</i> , up to <i>2133</i> MHz (<i>512</i> GB max)
Storage	<i>Standard HP Dynamic Smart Array B140i, optional HP Smart Array Controllers, and HP Smart HBAs via PCIe stand-up cards</i>
Battery	<i>HP DL/ML/SL 96 W Smart Storage Battery to support the standup controllers</i>
HP SmartDrive	<i>16 SFF/12 LFF max, HDD/SSD, M.2 enabled</i>
Networking	<i>Embedded 2x 1GbE, optional FlexibleLOM slot on riser</i>
VGA/Serial/USB/SD ports	<i>1 VGA, 0 Serial, 4 USB 3.0, 1 microSD, Dual microSD optional</i>
GPU Support	Single-Wide and <i>Active</i> (1)
System ROM	<i>UEFI</i> and Legacy BIOS
Converged management	<i>HP OneView with HP iLO Advanced</i>
Support management	HP Insight Online <i>with enhanced mobile application</i>
Embedded management	<i>HP iLO 4, HP Intelligent Provisioning, HP SUM, HP RESTful Interface Tool, HP Scripting Tools for Microsoft® Windows Server® PowerShell</i>
Power and cooling	Up to 92 percent efficient (80 PLUS gold certified), <i>550 W multi-output, 800 W RPS/900 W non-RPS</i> <i>Hot swap fans with optional redundancy</i>
Industry compliance	<i>ASHRAE A3 and A4,</i> ENERGY STAR®
Location Discovery Services	Optional
Form factor/Chassis Depth	Rack (2U), <i>23.9"</i> (SFF), <i>23.9"</i> (LFF)
Serviceability—easy install rails	Standard
Warranty	3/1/1

QuickSpecs: hp.com/servers/DL180gen9/qs



hp.com/gref/dl180gen9

HP Services

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, any time.

Learn more at
hp.com/servers/DL180gen9



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