Data sheet

HP ProLiant DL180 Gen9 Server

The new standard for growing data center needs

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 revolutionary software-defined management platform that delivers automation simplicity across servers, storage, and networking.

Meets the needs of SMB and budget-conscious data centers

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/A4 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.

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® **_E5-2600 v3_** Series, 4/6/8/10/**_12_** Cores, PCIe 3.0, up to 6 available slot(s)
Memory	HP SmartMemory (**_16_**) **_DDR4_**, up to **_2133_** MHz (**_512_** GB max)
Storage	**_Standard HP Dynamic Smart Array B140i, optional HP Smart Array Controllers, and HP Smart HBAs via PCIe stand-up cards_**
Battery	**_HP DL/ML/SL 96 W Smart Storage Battery to support the standup controllers_**
HP SmartDrives	**_16_** SFF/**_12_** LFF max, HDD/SSD
Networking	**_Embedded 2x 1GbE, optional FlexibleLOM slot on riser_**
VGA/Serial/USB Ports/SD	**_1 VGA_**, 0 Serial, 4 USB 3.0, 1 microSD
GPU Support	Single-Wide and **_Active_** (1)
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 SUM, HP RESTful Interface Tool, HP Scripting Tools for WS PowerShell_**
Power and cooling	Up to 92 percent efficient (80 PLUS gold certified), **_550 W multi-output, 800W RPS/900W non-RPS_** **_Hot swap fans with optional redundancy_**
Industry compliance	**_ASHRAE A3 and A4_**, ENERGY STAR®
Location Discovery Services	Optional
Form factor/Chassis Depth	Rack (2U), **_23.9_**" (SFF), **_23.9_**" (LFF)
Serviceability—easy install rails	Standard
Warranty	3/1/1

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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