



**Hewlett Packard**  
Enterprise

# HPE PROLIANT DL180 GEN10 SERVER

## ProLiant DL Servers



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### WHAT'S NEW

- Supports the second generation Intel® Xeon® Scalable processor family.
- 12 LFF drive chassis supporting SAS/SATA HDDs and SSDs with max 144 TB storage.
- HPE InfoSight provides a cloud-based analytics tool that predicts and prevents problems before your business is impacted.
- HPE OneView offers an automated, template-driven approach for deploying, provisioning, updating, and integrating compute, storage, and networking

### OVERVIEW

Is maximizing your business reach and goal a challenge you are facing because your IT is not keeping pace with your data growth?

The secure HPE ProLiant DL180 Gen10 server delivers on scalability, performance, and reliability thus making it the ideal platform for businesses ready to run on-premises and hybrid cloud applications. These businesses need the right mix of compute and storage, enabling them to achieve their most important goals.

infrastructure.

- HPE Small Business Solutions are complete solutions and workload optimized built on ProLiant servers, providing the foundational on-premise component for the Hybrid Cloud.
- Available aggressively priced SMB offer models regionally released as “Smart Buy Express” in the U.S. and Canada, “Top Value” in Europe, and “Intelligent Buy” in Asia Pacific.

## FEATURES

### **Dense Storage at Optimal Performance for Web Infrastructure and Service Providers**

The HPE ProLiant DL180 Gen10 server has an adaptable chassis, including Hewlett Packard Enterprise modular drive bay configuration options with up to 12 LFF and up to 24 SFF as well as additional 2 rear SFF (optional).

In conjunction with the embedded SATA HPE Dynamic Smart Array S100i Controller for boot, data and media needs, the HPE Smart Array Controllers allow you the flexibility to choose the optimal 12 Gb/s controller most suited to your environment, and operate in both SAS and HBA mode.

Along with an embedded 2x1GbE, you have a choice of HPE FlexibleLOM, Media Module Adapter, or PCIe standup adapters which offer a choice of networking bandwidth and fabric so you can adapt and grow to changing business needs.

### **Comprehensive and Cost-effective Management**

HPE ProLiant DL180 Gen10 server offers comprehensive firmware management with HPE iLO5 that includes install sets created by Smart Update Manager (SUM). It has the ability to create multiple rollback sets and ability to view and delete scheduled jobs at no additional licensing cost.

Scalable and reliable model to run multi-workload for better business performance and growing Data center needs. Cost optimization, reliability and expandability for cloud and virtualization requirements. Setting security standards making it the most secure industry standard server portfolio.

### **Agile, Secure Infrastructure Management for Accelerating IT Service Delivery**

HPE iLO 5 enables the world’s most secure industry standard servers with HPE silicon root of trust technology to protect your servers from attacks, detect potential intrusions and recover your essential server firmware securely.

Features include iLO Security Dashboard that helps detect and address possible security vulnerabilities and Workload Performance Advisor that provides server tuning recommendations for better server performance.

Millions of lines of firmware code run before the server OS boots and with Runtime Firmware Verification, enabled by HPE iLO Advanced. The server firmware is checked every 24 hours verifying validity and credibility of essential system firmware.

Secure Recovery allows server firmware to roll back to the last known good state or factory settings after detection of compromised code.

Additional security options are available with Trusted Platform Module (TPM) to prevent unauthorized access to server and securely stores artifacts used to authenticate the server platforms while the Intrusion Detection Kit logs and alerts when the server hood is removed.

### **Industry Leading Services and Ease of Deployment**

The HPE ProLiant DL180 Gen10 server comes with a complete set of HPE Technology Services, delivering confidence, reducing risk, and helping customers realize agility and stability.

HPE Pointnext Services simplifies all stages of the IT journey. Advisory and Transformation Services professionals understand customer challenges and design an optimal solution. Professional Services enable rapid deployment of



solutions and Operational Services provide ongoing support.

A suite of embedded and downloadable tools is available for server lifecycle management including Unified Extensible Firmware Interface (UEFI), Intelligent Provisioning, HPE iLO 5 to monitor and manage, HPE iLO Amplifier Pack, Smart Update Manager (SUM), and Service Pack for ProLiant (SPP).

Hewlett Packard Enterprise IT investment solutions help you transform to a digital business with IT economics that align to your business goals.



## Technical specifications

## HPE ProLiant DL180 Gen10 Server

<b>Processor family</b>	Intel® Xeon® Scalable 3200-8200 series & Intel® Xeon® Scalable 3100-4100 series
<b>Processor core available</b>	4 to 24 core, depending on processor
<b>Processor cache</b>	8.25-35.75 MB L3, depending on processor
<b>Processor speed</b>	3.8 GHz, maximum depending on processor
<b>Power supply type</b>	Up to 2 HPE Flexible Slot Power Supplies
<b>Expansion slots</b>	6, for detailed descriptions reference the QuickSpecs
<b>Maximum memory</b>	1.0 TB with 64 GB DDR4
<b>Memory slots</b>	16 DIMM slots
<b>Memory type</b>	HPE DDR4 SmartMemory
<b>Memory protection features</b>	For details on the HPE Server Memory Options RAS feature, visit: <a href="http://www.hpe.com/docs/memory-ras-feature">http://www.hpe.com/docs/memory-ras-feature</a>
<b>Included hard drives</b>	None ship standard, 8-12 LFF drives and 8-24 SFF drives supported, optional rear 2SFF drives
<b>Optical drive type</b>	Optional: DVD-ROM or DVD-RW
<b>System fan features</b>	Standard single rotor hot swap fans
<b>Network controller</b>	HPE embedded 2-port 1 GbE Ethernet adapter and optional HPE FlexibleLOM, Media Module Adapter, or PCIe stand-up card
<b>Storage controller</b>	HPE Smart Array S100i and/or HPE Essential or Performance RAID controllers, depending on model
<b>Minimum dimensions (H x W x D)</b>	8.73 x 44.54 x 63.47 cm
<b>Weight</b>	13.0 kg minimum, 26.0 kg maximum
<b>Infrastructure management</b>	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download), Optional- HPE iLO Advanced, and HPE OneView Advanced (require licenses)
<b>Warranty</b>	3/3/3 Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Additional HPE support and service coverage for your product can be purchased locally. For information on availability of service upgrades and the cost for these service upgrades, refer to the HPE website at <a href="http://www.hpe.com/support">http://www.hpe.com/support</a>
<b>Drive supported</b>	8-24 SFF SAS/SATA HDD/SSD, 8-12 LFF SAS/SATA HDD/SSD, optional rear 2SFF SAS/SATA HDD/SSD depending on model



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For additional technical information, [available models and options](#), please [reference the QuickSpecs](#)

## HPE POINTNEXT

[HPE Pointnext](#) leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

### Operational Services

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

**Advisory Services** includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

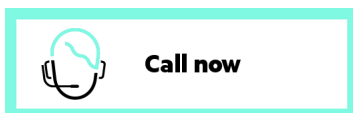
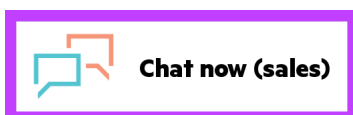
**Professional Services** helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

## HPE GREENLAKE

[HPE Greenlake](#) is an as-a-service offering that delivers on-demand capacity and [planning](#), combining the agility and economics of public cloud with the security and performance of on-premises IT.

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