

# HPE PROLIANT DL180 GEN10 SERVER

## ProLiant DL100 Servers



### WHAT'S NEW

- Supports additional second generation Intel® Xeon® Scalable processors delivering exceptional customer value with increased performance and industry leading frequency.
- Provides a highly scalable and intelligent platform for HPE Small Business Solutions and together, forms the foundational on-premise components for the Hybrid Cloud.
- 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 infrastructure.
- Available aggressively priced SMB offer models regionally released as “Smart Buy

### OVERVIEW

Is maximizing your business reach 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.

### 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 two 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

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Express” in the U.S. and Canada, “Top Value” in Europe, and “Intelligent Buy” in Asia Pacific.

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 3100-6100 series
<b>Processor core available</b>	4 to 26 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



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

## HPE POINTNEXT

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

### Operational Services from HPE Pointnext Services

- [HPE Datacenter Care](#) helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- [HPE Proactive Care](#) offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- [HPE Foundation Care](#) helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more.](#)

### Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

## HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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