



HPE ProLiant DL180 Gen10 Server

ProLiant DL Servers



What's new

- Supports the second generation Intel® Xeon® Scalable processor family.
- Twelve LFF drive chassis supporting SAS/SATA HDDs/SSDs with max 48 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,

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.

provisioning, updating, and integrating compute, storage, and networking 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 flexible design provides choice of options and ability to scale. It is configured to meet the new standard of growing data center needs. The server supports Intel® Xeon® Scalable Processor series, up to eight cores (maximum 24) with 16 DDR4 2666 MHz (256 GB maximum).

Two PCIe 3.0 slots and HPE iLO 5, UEFI and legacy boot mode, along with the standard HPE Dynamic Smart Array S100i. You have a choice of HPE Flexible Smart Array or HPE Smart HBA controllers for performance or additional features.

500W multi-output, up to 94% efficiency (Titanium), Flexible Slot PS; Standard 3-3-3 warranty; HPE Secure Encryption.

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.

Technical specifications

HPE ProLiant DL180 Gen10 Server

Processor Name	Intel® Xeon® Scalable first and second generation processors
Processor family	Intel® Xeon® Scalable 8200, 6200, 5200, 4200 4100, 3100 series
Processor core available	Up to 24 core, depending on processor
Processor cache	8.25-35.75 MB L3, depending on processor
Processor speed	3.8 GHz, maximum depending on processor
Expansion slots	3 Standard in Primary Riser
Maximum memory	HPE DDR4 Smart Memory Maximum capacity (RDIMM) 1 TB 16 x 64 GB RDIMM @ 2933 MT/s Maximum capacity (LRDIMM) 1 TB 16 X 64 GB LRDIMM @ 2933 MT/s
Memory slots	16 slots maximum
Memory type	HPE DDR4 SmartMemory
Memory protection features	For details on the HPE Server Memory Options RAS feature, visit: http://www.hpe.com/docs/memory-ras-feature
Included hard drives	None ship standard, 12 LFF drives and 8 SFF drives supported
Optical drive type	SATA DVD-ROM Optical Drive / Optical Drive 5mm SATA DVD-RW / Mobile USB DVD-RW Optical Drive
System fan features	4-6 Fans
Network controller	Embedded 2-Port 1GbE
Storage controller	Embedded 14-Port S100i
Minimum dimensions (H x W x D)	8.73 x 44.54 x 63.47 cm
Weight	13.0 kg
Infrastructure management	HPE iLO5, InfoSight and OneView
Warranty	3/3/3 - Server Warranty includes three years of parts, three years of labor, and three years of onsite support coverage. Additional information regarding worldwide limited warranty and technical support is available at: http://h20564.www2.hpe.com/hpsc/wc/public/home . 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 http://www.hpe.com/support
Drive supported	8 SFF SAS/SATA HDD/SSD, 12 LFF SAS/SATA HDD, M.2 SATA options supported

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 Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **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.

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