HPE ProLiant DL180 Gen10 server



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,

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.

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 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 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 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

Processor type	Intel
Processor family	Intel® Xeon® Scalable 3200-8200 series & Intel® Xeon® Scalable 3100-6100 series
Processor number	1 or 2
Processor core available	4 to 26 core, depending on processor
Processor cache	8.25-35.75 MB L3, depending on processor
Processor speed	3.8 GHz, maximum depending on processor
Power supply type	Up to 2 HPE Flexible Slot Power Supplies
Expansion slots	6, for detailed descriptions reference the QuickSpecs
Maximum memory	1.0 TB with 64 GB DDR4
Memory slots	16 DIMM slots
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, 8-12 LFF drives and 8-24 SFF drives supported, optional rear 2SFF drives
Optical drive type	Optional: DVD-ROM or DVD-RW
System fan features	Standard single rotor hot swap fans
Network controller	HPE embedded 2-port 1 GbE Ethernet adapter and optional HPE FlexibleLOM, Media Module Adapter, or PCIe stand-up card
Storage controller	HPE Smart Array S100i and/or HPE Essential or Performance RAID controllers, depending on model
Product dimensions	8.73 x 44.54 x 63.47 cm
Weight	13.0 kg minimum, 26.0 kg maximum
Infrastructure management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download), Optional- HPE iLO Advanced, and HPE OneView Advanced (require licenses)
Warranty	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 http://www.hpe.com/support
Drive supported	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 Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading 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, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them here.

Explore **HPE GreenLake**

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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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