HPE ProLiant DL360 Gen10 Plus server



What's new

- Supports 3rd Generation Intel® Xeon® Scalable Processors for enhanced compute performance.
- 64 PCIe Gen4 lanes, resulting in more devices, improved bandwidth and augmented balanced I/O capabilities.
- Support for industry-standard OCP 3.0 Network Adapters, enhancing customer choice.
- Enhanced storage capabilities with Tri-mode controllers supporting NVMe/SAS/SATA drives, allowing customers to select the ideal media type

Overview

Do you need to efficiently expand or refresh your IT infrastructure to propel the business?

Adaptable for diverse workloads and environments, the compact 1U HPE ProLiant DL360 Gen10 Plus server delivers enhanced performance with the right balance of expandability and density. Designed for supreme versatility and resiliency while backed by a comprehensive warranty, the HPE ProLiant DL360 Gen10 Plus server is ideal for IT infrastructure, either physical, virtual, or containerized.

Powered by 3rd Generation Intel® Xeon® Scalable Processors, delivering up to 40 cores, 3200 MT/s memory, and introducing PCIe Gen4 and Intel Software Guard Extension (SGX) support

and mix for their exact application.

- Choice of storage backplanes and cages, offering diverse bay counts, protocols, and bandwidth that enable customers to design their server storage for their precise needs.
- Slot-less HW RAID protected M.2 boot solution, providing peace-of-mind O/S deployment while saving invaluable slots and storage bays.

to the dual-socket segment, the HPE ProLiant DL360 Gen10 Plus server delivers premium compute, memory, I/O, and security capabilities for customers focused on performance at any cost.

Features

Built for Some of the Most Demanding Workloads

The HPE ProLiant DL360 Gen10 Plus server is powered by 3rd Generation Intel® Xeon® processors and built with foundational intelligence to transform IT with insights that enhance workload performance, placement, and efficiency, delivering better outcomes faster.

HPE ProLiant servers provide real-time operational feedback on server performance plus recommendations for fine-tuning BIOS settings to adjust to better serve changing business needs.

360-degree Holistic Security

The HPE ProLiant DL360 Gen10 Plus server provides an enhanced holistic, 360-degree view to security that begins in the manufacturing supply chain and concludes with a safeguarded, end-of-life decommissioning.

HPE ProLiant security begins with the corruption-free manufacture of the server and auditing the integrity of every component – hardware and firmware – to provide verification that the server begins its lifecycle uncompromised through the supply chain.

HPE ProLiant servers provide rapid detection of a security-compromised server, even to the point of not allowing it to boot, identify and contain malicious code, and protect healthy servers.

HPE ProLiant servers provide automated recovery from a security event, including restoration of validated firmware, and facilitating recovery of operating system, application, and data connections, providing a fast path to bring a server back online and into normal operations.

When it's time to retire or repurpose an HPE ProLiant server, one button secure erase speeds and simplifies the complete removal of passwords, configuration settings, and data, preventing inadvertent access to previously secured information.

Intelligent Management Automation

The HPE ProLiant DL360 Gen10 Plus server simplifies and automates management tasks, establishing a solid foundation for a standards-based, hybrid cloud platform enabled by automation.

Embedded in Hewlett Packard Enterprise servers, HPE Integrated Lights-Out(iLO) is an exclusive core intelligence that monitors server status, providing the means for reporting, ongoing management, service alerting, and local or remote management to quickly identify and resolve issues.

Automation and software-defined control reduces time spent on provisioning and maintenance, and reduces deployment times.

HPE InfoSight for Servers continually analyzes server infrastructure and applies real-world examples of hundreds of thousands of servers to predict and prevent problems before they can adversely affect business operations.

Delivered As-a-Service

The HPE ProLiant DL360 Gen10 Plus server is supported by HPE GreenLake to simplify IT. With 24x7 monitoring and management, our experts do the heavy lifting to manage your environment with services built into consumption-based solutions.

Hewlett Packard Enterprise provides customers choice in how they acquire and consume IT. Beyond traditional financing and leasing, HPE offers options that

free trapped capital, accelerate infrastructure updates and provide for on-premises pay-per-use consumption with HPE GreenLake.

Rapidly deploy a broad portfolio of cloud services such as, containers, compute, virtual machines (VMs), accelerated storage, data protection, and more. Workload-optimized, preconfigured solutions can be quickly on-boarded, accelerating your agility



Technical specifications — HPE ProLiant DL360 Gen10 Plus server

Processor type	Intel®
Processor name	3rd Generation Intel® Xeon® Scalable Processor Family
Processor family	Intel® Xeon® Scalable 8300 series Intel® Xeon® Scalable 6300 series
Processor number	1 or 2
Processor core available	8 to 40 core, depending on processor
Processor cache	12 - 60 MB L3, depending on processor
Processor speed	3.6 GHz, maximum depending on processor
Expansion slots	Maximum 3 PCIe Gen4, for detail descriptions please see QuickSpecs
Maximum memory	6.0 TB per socket, when populated with 256 GB DDR4 and 512 GB Persistent Memory
Memory, standard	4 TB (16x 256 GB) RDIMM per socket 6 TB (8x 256 GB RDIMM and 8x 512 GB Persistent Memory) per socket, depending on processor model
Memory slots	16 DIMM slots per socket
Persistent memory type	Optional: Intel® Optane™ Persistent Memory for HPE
Persistent memory media capacity	Optional: 128 to 256 GB
Memory type	HPE DDR4 SmartMemory
Memory protection features	HPE Fast Fault Tolerant Memory Advanced ECC Memory Online Spare Memory Mirrored Memory
Network controller	Wide range of speeds, cabling, chipsets and form factors. Please see QuickSpecs for network card choices
Storage controller	Included - Embedded SATA controller (AHCI or SR100i modes) Optional - Variety of protocols -including NVMe-, port count, array utilities, and form factors. Please see QuickSpecs for storage controllers selection
Product dimensions	SFF: 4.29 x 43.46 x 76.96 cm LFF: 4.29 x 43.46 x 80.01 cm
Weight	SFF: 13.04 kg to 16.27 kg LFF: 13.77 kg to 16.78 kg
Infrastructure management	Included - HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download) Optional - HPE iLO Advanced, and HPE OneView Advanced
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, to supplement the product warranty, is available. For more information, visit http://www.hpe.com/support
Drive supported	Up to 4 LFF SAS/SATA HDDs or SSDs Up to 10 SFF SAS/SATA HDDs or SATA/SAS/NVMe U.2 or U.3 SDDs, 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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