

HPE ProLiant DL380 Gen10 Plus 4310 2.1GHz 12-core 1P 32GB-R MR416i-p NC 8SFF 800W PS Server (P55246-B21)



What's new

- Supports 3rd Generation Intel® Xeon® Scalable Processors.
- Support for PCIe Gen4, resulting in improved bandwidth and throughput.
- Support for industry-standard OCP 3.0 Network Adapters.
- Support for Trimodal (NVMe/SAS/SATA) HPE Smart Array controllers.

Overview

Do your servers need increased performance in storage, compute, or expansion?

The HPE ProLiant DL380 Gen10 Plus server is adaptable for diverse workloads and environments, providing you with the right balance of expandability and scalability. Designed for supreme versatility and resiliency, this 2U/2P platform is capable for deployment in multiple environments, built on 3rd Generation Intel® Xeon® Scalable Processors, and backed by a comprehensive warranty. Equipped with PCIe Gen4 capabilities, the HPE ProLiant DL380 Gen10 Plus server offers improved data transfer rates and higher networking speeds.

Features

Built for Some of the Most Demanding Workloads

The HPE ProLiant DL380 Gen10 Plus server is built with foundational intelligence to transform IT with insights that enhance workload performance, placement, and efficiency, delivering better outcomes faster.

Provide real-time operational feedback on server performance and recommendations for fine-tuning BIOS settings to customize for changing business needs.

360-degree Holistic Security

The HPE ProLiant DL380 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, verify containment of 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 the fastest 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 DL380 Gen10 Plus server simplifies and automates management tasks, establishing a solid foundation for an open, hybrid cloud platform enabled by composability.

Embedded in HPE 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, as well as reduces deployment times from weeks to mere days.

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.

Available in an As-a-Service Experience

The HPE ProLiant DL380 Gen10 Plus server is supported by HPE GreenLake to simplify IT infrastructure management across your entire hybrid estate. 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, offering options that free trapped capital, accelerate infrastructure updates, and provide on-premises pay-per-use consumption with HPE GreenLake.



Technical specifications

HPE ProLiant DL380 Gen10 Plus 4310 2.1GHz 12-core 1P 32GB-R MR416i-p NC 8SFF 800W PS Server

Product Number	P55246-B21
Processor Name	Intel® Xeon® Silver 4310 (12 core, 2.1 GHz, 18 MB, 120W)
Processor core available	12 cores
Processor cache	18 MB L3
Processor speed	2.1 GHz
Power supply type	1 HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply
Expansion slots	8, for detailed descriptions refer to the QuickSpecs
Memory, standard	32 GB (1 x 32 GB) RDIMM
Persistent Memory Type	Intel® Optane™ Persistent Memory for HPE
Persistent Memory Media Capacity	128 GB - 512 GB
Memory type	HPE DDR4 SmartMemory
Included hard drives	None ship standard, 8 SFF drives supported
Optical drive type	Optional DVD-ROM Optional via Universal Media Bay External support only
System fan features	4 Hot-plug redundant fans, performance
Network controller	Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
Storage controller	Broadcom MegaRAID MR416i-p x16 Lanes 4GB Cache NVMe/SAS 12G Controller for HPE Gen10 Plus with HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable
Product Dimensions (imperial)	3.44 x 17.54 x 28 in
Weight	63.43 lbs. maximum
Infrastructure management	HPE iLO Standard with intelligent provisioning (embedded), HPE OneView Standard (requires download) (standard) HPE iLO Advanced, and HPE OneView Advanced (optional, requires licenses)
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.hp.com/hpsc/wc/public/home . Additional HPE support and service coverage, to supplement the product warranty, is available. For more information, visit http://www.hp.com/support



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

HPE Pointnext Services

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- GreenLake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[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.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

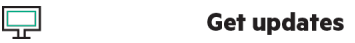
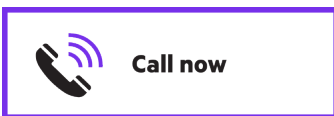
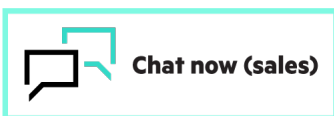
HPE GreenLake

[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.

If you are looking for more services, like **IT financing solutions**, please [explore them here](#).

Explore **HPE GreenLake**

Make the right purchase decision.
Contact our presales specialists.



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