HPE ProLiant DL20 Gen10 Plus server



What's new

- 290W non-hot-plug power supply with Platinum power efficiency.
- Supports Intel® Xeon® E-2300 series processors, up to 8 cores.
- HPE InfoSight provides a cloud-based analytics tool that predicts and prevents problems before your business is impacted.
- Dedicated HPE iLO management port as an option kit for faster data transmission with enhanced security.
- Two PCIe Gen4 slots for greater I/O bandwidth.

Overview

Are you looking for a compact and versatile 1U server that supports workloads in a variety of environments?

The reliable HPE ProLiant DL20 Gen10 Plus server delivers a compact and versatile server with enhanced security at an affordable price. Deploy the portable short-depth rack form factor in small, remote, or branch offices, as a compact yet powerful point of sale platform in transport, retail, and hospitality environments, or as a flexible configuration for customization in space constrained environments of military and government customers. Blending performance, reliability, and manageability, this 1 socket, 1U server featuring Intel® Xeon® E processors provides unique enterprise-class capabilities at a great value—making it an ideal rack server platform for growing businesses, enterprises, and service providers. Outstanding configuration flexibility caters to a variety of business requirements, and a wide range of qualified options fits a variety needs.

Features

Compact, Secure, and Reliable Design for an Affordable Solution

HPE ProLiant DL20 Gen10 Plus server is a short-depth chassis of 15.05 inches, providing mobility and easy deployment in a wide variety of environments.

HPE ProLiant DL20 Gen10 server has great quality and design features that are a hallmark of the HPE ProLiant family such as tool-less access to system components and enhanced serviceability.

Handle light workloads up to the some of the most demanding requirements with affordable configuration choices and a wide variety of HPE Qualified Options.

Right Balance of Performance, Flexibility, Reliability, and Manageability for Growing Business Needs

You have a wide choice of dual-core, quad-core, hexa-core or octa-core Intel Xeon E processors with up to 128 GB of DDR4 ECC memory to handle any demands that your workload might make on the HPE ProLiant DL20 Gen10 Plus server.

Experience outstanding configuration flexibility with support for up to two large form factor (LFF) or six small form factor (SFF) drives, four DDR4 UDIMMs, 290W, 500W, or 800W power supplies, and a more efficient deployment of options via HPE FlexibleLOM and PCIe slots - now supporting PCIe 4.0.

The reliable HPE ProLiant DL20 Gen10 Plus server combines a dense and compact form factor with redundant power supply capability, which keeps your business running and provides data protection and accessibility even in the event of a power supply failure.

Along with an embedded 2 x 1GbE, you have a choice of HPE FlexibleLOM or PCIe standup adapters that offer a choice of networking bandwidth (1GbE to 10GbE) and fabric, so you can adapt and grow to changing business needs.

HPE iLO5 provides a more efficient and easier server management. It enables large-scale firmware deployment, improved GUI to simplify management with industry-standard APIs, and easy system debug access.

Security Innovations

Only Hewlett Packard Enterprise offers industry-standard servers, such as the HPE ProLiant DL20 Gen10 Plus server, with major firmware anchored directly into the silicon and with security protection built in across the server life-cycle, starting with silicon root of trust from HPE.

Millions of lines of firmware code run before server operating system boots. With Runtime Firmware Verification, enabled by the optional HPE iLO Advanced Premium Security Edition, the server's 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 server.

Additional security options are available with Trusted Platform Module (TPM) to avoid unauthorized access to the server and store artifacts used to authenticate the server platforms, while the Intrusion Detection Kit logs and alerts when the server hood is removed for further protection.

Industry-leading Services and Ease of Deployment

HPE ProLiant DL20 Gen10 Plus server comes standard with a complete set of services from HPE Services, delivering confidence, reducing risk, and helping customers realize agility and stability.

HPE Services simplify the stages of your IT journey. Advisory and Transformation Services professionals understand customer challenges and design an ideal solution. Professional Services enables rapid deployment of solutions.

Operational Services from HPE Services includes: HPE Services Complete Care, HPE Services Tech Care and project-based services, such as Integration and Performance services. Additional services can be added to customize your experience at any stage of your IT lifecycle.

HPE IT investment solutions help you transform to a digital business with IT economics that align to your business goals.



Technical specifications	HPE ProLiant DL20 Gen10 Plus server
Processor type	Intel®
Processor family	Intel® Xeon® E-2300 series
Processor number	1
Processor core available	4 to 8 core, depending on processor
Processor cache	Up to 16 MB Intel® Smart Cache, depending on processor
Processor speed	5.0 GHz, maximum depending on processor
Expansion slots	Two maximum, for detailed descriptions refer to the QuickSpecs
Maximum memory	128 GB
Memory slots	4 DIMM slots, maximum
Memory type	HPE DDR4 Standard Memory
Memory protection features	ECC
Network controller	HPE embedded 1Gb 2-port BCM5720 Network Adapter
Storage controller	Intel® VROC SATA (formerly known as Intel® RSTe)
Infrastructure management	HPE iLO5
Warranty	Server warranty includes 3-years parts, 3-years labor, and 3-years on-site support with next business day response. Additional information regarding worldwide limited warranty and technical support is available at: www.hpe.com/services/support. 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 www.hpe.com/services/support.
Drive supported	2 Non-hot plug LFF or 2 Hot plug LFF or 4+2 Hot plug SFF

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**

Make the right purchase decision. Contact our presales specialists.

Find a partner

Chat now (sales)

Share now

Get updates

© Copyright 2024 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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.

Intel and Intel Xeon are trademarks of Intel Corporation in the U.S. and other countries. All other third-party marks are property of their respective owners.

Image may differ from the actual product

PSN1013967979WWEN, October, 2024.

Hewlett Packard Enterprise