HPE ProLiant ML30 Gen10 Plus server



What's new

- Supports Intel® Xeon® E processors up to 8 cores 95W.
- 3200 MT/s HPE DDR4 Standard Memory UDIMM offering: 8 GB, 16 GB, 32 GB, maximum 128 GB memory capacity.
- Four expansion slots for more flexible usage, including one PCIe Gen4 x16.
- Onboard M.2 NVMe/SATA SSD support.
- Dedicated HPE iLO port and serial port kit option.
- Choose validated HPE SMB solutions and offers streamlined for regional delivery as “Smart Buy Express Offers” in the US and

Overview

Do you know that a reliable enterprise-class server can easily meet your budget?

The HPE ProLiant ML30 Gen10 Plus server is a powerful yet affordable tower server designed for small offices, remote and branch offices to run on-premises and hybrid cloud solutions, delivering enterprise-class performance, security, reliability, and expandability at a low cost. Hewlett Packard Enterprise builds security right into the server with HPE iLO silicon root of trust from HPE. A redundant power supply option and up to 4 LFF or 8 SFF hot-plug HDDs provide availability and flexibility. The enhanced expansion capability, now including PCIe Gen4, allows you to upgrade with serial attached SCSI (SAS) controllers or networking cards as your business grows, which

Canada, “Top Value Offers” in EMEA, and “Intelligent Buy Offers” in APJ.

can give you an extra edge. You will be surprised at how much your business can benefit now and in the future with an HPE ProLiant ML30 Gen10 Plus server.

Features

Powerful Yet Affordable Server for Your Daily Office Workloads

The HPE ProLiant ML30 Gen10 Plus server is powered by up to 8 cores Intel Xeon E Processor and up to 128 GB 3200 MT/s DDR4 ECC UDIMM, delivering abundant performance for small- to mid-sized business applications.

With up to 72 TB storage capacity, the HPE ML30 Gen10 Plus is an ideal data storage platform allowing your business to accommodate an increasing amount of data as you grow. An onboard M.2 slot with NVMe/SATA SSD support delivers outstanding speed for a boot drive. [1]

An optional dedicated HPE iLO port allows you to dedicate more bandwidth to network functions and achieve higher network speeds.

The embedded Intel VROC SATA software RAID ships standard, and the HPE Smart Array essentials and performance controllers allow you the flexibility to choose the 12Gbps controller best suited to your environment.

Four expansion slots for more flexible usage, including one PCIe Gen4 x16 for increased bandwidth. [2]

A Variety of Enterprise-Class Features to Achieve Business Growth with Low TCO

The HPE ProLiant ML30 Gen10 Plus server offers flexibility in different storage needs. With a choice of 4 Large Form Factor (LFF) non-hot-plug, hot-plug, or 8 Small Form Factor (SFF) hot-plug drive options, you can find a right fit for your growing business.

The selective HPE 500W Flex Slot redundant power supply enhances the reliability, and lets you share spares across multiple server platforms.

Error-correcting code (ECC) memory protects business from data loss and unplanned system downtime.

The HPE ProLiant ML30 Gen10 Plus server offers a complete set of embedded HPE Integrated Lights Out (iLO 5) management features. Includes HPE iLO with Agentless Management, Active Health System, and Intelligent Provisioning.

Security Innovations

The HPE ProLiant ML30 Gen10 Plus protects your business with innovations in firmware protection, malware detection, and firmware recovery — right down to the silicon.

Millions of lines of firmware code run before the server operating system boots. Runtime firmware validation, enabled by HPE iLO Advanced Premium Security Edition, checks the server firmware 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 to factory settings after detection of compromised code.

The HPE Trusted Platform Module (TPM) works to increase data security by storing the encryption startup key in hardware on the server, providing a more secure environment

Intelligent Management Automation

The HPE ProLiant ML30 Gen10 Plus server simplifies and automates management tasks, establishing a solid foundation for a hybrid cloud platform enabled by automation.

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.

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.

Technical specifications — HPE ProLiant ML30 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	3.7 GHz, maximum depending on processor
Expansion slots	4, for detailed descriptions refer to the QuickSpecs
Maximum memory	128 GB with 32 GB DDR4
Memory slots	4 DIMM slots, maximum
Memory type	HPE DDR4 Standard Memory
Memory protection features	Unbufferred ECC
Network controller	HPE embedded 1Gb 2-port BCM5720 Network Adapter and optional HPE network controllers
Storage controller	Intel® VROC SATA (formerly known as Intel® RSTe)
Infrastructure management	Included - HPE iLO Standard with intelligent provisioning (embedded), HPE Systems Insight Manager (requires download), HPE OneView Standard (requires download) Optional - HPE iLO Advanced, HPE iLO Advanced Premium Security Edition, HPE OneView Advanced (requires download)
Warranty	Server warranty includes 3-years parts, 1-years labor, and 1-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	4 NHP LFF SATA HDD 4 LFF SAS/SATA HDD/SSD or 8 SFF SAS/SATA HDD/SSD, with 1 M.2 NVMe SSD, depending on model

[1] HPE ProLiant ML30 Gen10 Plus server supports one onboard M.2 SSD with PCIe 3.0 x2 bandwidth or SATA.

[2] Compared with PCIe Gen3 x16

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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