



Hewlett Packard
Enterprise

HPE PROLIANT ML30 GEN10 PLUS E-2314 2.8GHZ 4-CORE 1P 16GB-U 4LFF-NHP 350W PS SERVER (P44718-001)

ProLiant ML10 Servers



WHAT'S NEW

- Supports Intel® Xeon® E processors up to 8 cores 95W.

OVERVIEW

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

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

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 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 E-2314 2.8GHz 4-core 1P 16GB-U 4LFF-NHP 350W PS Server

Product Number	P44718-001
Processor Name	Intel® Xeon® E-2314 (4-core, 2.8 GHz, 8 MB, 65W)
Processor core available	4 core
Processor cache	8 MB Intel® Smart Cache
Processor speed	2.8 GHz
Power supply type	1 HPE 350W ATX Gold non-hot-plug power supply
Expansion slots	4, for detailed descriptions refer to the QuickSpecs
Memory, standard	16 GB (1x 16 GB) UDIMM
Memory type	HPE DDR4 Standard Memory
Included hard drives	None ship standard, 4 LFF non-hot-plug drives supported
Optical drive type	Optional
System fan features	1 non-hot plug non-redundant system fan
Network controller	HPE embedded 1Gb 2-port BCM5720 Network Adapter
Storage controller	Intel® VROC SATA (formerly known as Intel® RSTe)
Product Dimensions (metric)	36.83 x 17.5 x 47.5 cm
Weight	10.1 kg minimum 17.6 kg maximum
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, 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 .



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](#).

[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

Make the right purchase decision.
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