

HPE ProLiant ML30 Gen11 E-2434 3.4GHz 4-core 1P 32GB-R 4LFF 2x2TB HDD 500W RPS NA Server (P72996-005)



What's new

- Supports Intel® Xeon® E processors up to 8 cores 95W.
- 4800 MT/s HPE DDR5 Standard Memory UDIMM offering: 16 GB and 32 GB, maximum 128 GB memory capacity.
- Four expansion slots for more flexible usage, including one PCIe Gen5 x16.
- Onboard M.2 NVMe SSD support.
- Dedicated HPE iLO port and serial port kit

Overview

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

The HPE ProLiant ML30 Gen11 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. A redundant power supply option and up to 4 LFF or 8 SFF hot-

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.

plug HDDs provide availability and flexibility. The enhanced expansion capability, now including PCIe Gen5, allows you to upgrade with serial attached SCSI (SAS) controllers or networking cards as your business grows, which can give you an extra edge. Power your business now with an HPE ProLiant ML30 Gen11 server.

Features

Powerful Yet Affordable Server for Your Daily Office Workloads

The HPE ProLiant ML30 Gen11 server is powered by up to 8 cores Intel Xeon E Processor and up to 128 GB 4400 MT/s DDR5 ECC UDIMM, delivering abundant performance for small- to mid-sized business applications.

With up to 80 TB storage capacity, the HPE ProLiant ML30 Gen11 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 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 Gen5 x16 for increased bandwidth. [2]

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

The HPE ProLiant ML30 Gen11 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, 800W and 1000W Flex Slot redundant power supplies enhance the reliability, and lets you share spares across multiple server platforms.

The HPE ProLiant ML30 Gen11 server offers a complete set of embedded HPE Integrated Lights Out (iLO 6) management features.

Security Innovations

The HPE ProLiant ML30 Gen11 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 the 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 the 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 Gen11 server simplifies and automates management tasks, establishing a solid foundation for a 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 reduce time spent on provisioning and maintenance, as well as reduce deployment times.

Technical specifications

HPE ProLiant ML30 Gen11 E-2434 3.4GHz 4-core 1P 32GB-R 4LFF 2x2TB HDD 500W RPS NA Server

Product Number	P72996-005
Processor name	Intel® Xeon® E-2434 (4 core, 3.40 GHz, 12 MB Intel® Smart Cache, 55W)
Processor number	1 processor included
Processor core available	4 core
Processor cache	12 MB Intel® Smart Cache
Processor speed	3.40 GHz
Power supply type	1x HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
Expansion slots	4, for detailed descriptions refer to the QuickSpecs
Memory type	HPE DDR5 Standard Memory
Included hard drives	2x 2TB SATA HDD
Optical drive type	None ship standard ODD Optional
System fan features	1x Non-hot plug non-redundant system fan
Network controller	Embedded 1Gb 4-Port Ethernet Adapter
Storage controller	HPE MR216i-p Gen11 x16 Lanes without Cache PCI SPDM Plug-in Storage Controller
Infrastructure management	HPE iLO Standard with intelligent provisioning (embedded), HPE OneView Standard (requires download) (standard) HPE iLO Advanced, HPE OneView Advanced (optional, requires licenses), and HPE GreenLake COM.
Warranty	Server warranty includes 3-year parts, 1-year labor, and 1-year 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, visit www.hpe.com/services/support .

[1] HPE ProLiant ML30 Gen11 server supports one onboard M.2 SSD with PCIe 5.0 x2 bandwidth or SATA.

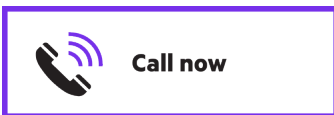
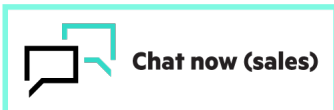
[2] Compared with PCIe Gen4 x16.






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

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