

HPE ProLiant ML30 Gen11

HPE ProLiant ML30 Gen11 6315P 2.8GHz 4c 1P 1x16GB-U 4LFF-NHP 2x1TB HDD 1x350W PS NA Server (P83315-005)



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 option.

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-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 Processors 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 Hybrid 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 6315P 2.8GHz 4c 1P 1x16GB-U 4LFF-NHP 2x1TB HDD 1x350W PS NA Server
Product Number	P83315-005
Processor core available	4 core
Processor cache	12 MB L3
Processor name	Intel® Xeon® 6315P (4 core, 2.80 GHz, 12 MB L3, 55W)
Processor number	1 processor included
Processor speed	2.80 GHz
Memory type	HPE DDR5 Standard Memory
Included drives	2x HPE 1TB SATA 6G Business Critical 7.2K LFF RW 1-year Warranty Multi Vendor HDD
Optical drive type	None ship standard. Optional: SATA 9.5mm DVD-RW/DVD-ROM Optical Drive
Security	Embedded Trusted Platform Module (TPM) 2.0 enabled by default. For servers shipping to China, the TPM is disabled.
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 Compute Ops Management.
Power supply type	1x HPE ProLiant ML30 Gen10 Plus 350W Platinum ATX FIO Power Supply
Expansion slots	4, for detailed descriptions refer to the QuickSpecs
Network controller	Embedded 1Gb 4-Port Ethernet Adapter
Storage controller	Embedded Intel® VROC SATA (formerly known as Intel® RSTe)
System fan features	1x Standard Fan
Form factor	4U Tower
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: https://support.hpe.com/hpesc/public/docDisplay?docId=sd00004309en_us . 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 .
Product dimensions	49.87 x 59.87 x 33.61 cm
Weight	12.4 kg

[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.

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.

Advisory & Professional 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.

Support 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.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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

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 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](#).

[For additional technical information,
available models and options, please
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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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