Hewlett Packard Enterprise

Digital data sheet

HPE ProLiant ML30 Gen10 E-2124 1P 8GB-U S100i 4LFF NHP 350W PS Entry Server (P06781-425)

ProLiant ML Servers

What's new

- Supports Intel® Xeon® E processors with up to 6 cores and 80W, 8th Core™ i3 and Pentium® G processors.
- 2666 MT/s HPE DDR4 Standard Memory UDIMM offering 8 GB, 16 GB. and a maximum of 64 GB memory capacity.
- Four expansion slots for more flexible

Overview

Do you know that a reliable enterprise-class server can easily meet your budget? The HPE ProLiant ML30 Gen10 server is a powerful yet affordable tower server designed for small offices, remote and branch offices to run on-premise and Hybrid Cloud solutions, delivering enterprise-class performance, security, reliability, and expandability at a lower cost. Just a small change can give you an extra edge. Hewlett Packard Enterprise builds security right into the server with HPE iLO

usage - two x16 and two x8 connectors.
- Onboard M.2 NVMe SSD support.
- Dedicated HPE iLO port and serial port option kit.
- SMB offerings to match different workloads.

silicon root of trust, making the HPE ProLiant ML30 Gen10 server one of the world's most secure industry-standard servers. Redundant power supply option and up to 4 LFF or 8 SFF hot-plug HDDs provide availability and flexibility. The enhanced expansion capability allows you to upgrade with SAS controllers, networking cards, or graphics cards as your business grows. You will be surprised at how much benefit you can get with HPE ProLiant ML30 Gen10 server.

Features

Powerful Yet Affordable Server for Your Daily Office Workloads

The HPE ProLiant ML30 Gen10 server, powered by up to 6 cores in the Intel Xeon E Processor and up to 64 GB of 2666 MT/s DDR4 ECC UDIMM, delivers abundant performance for small- to mid-sized business applications.

Up to 61.44 TB storage capacity makes HPE ProLiant ML30 Gen10 server an ideal data storage solution for your business to cope with the increasing amount of data. Onboard M.2 slot with NVMe SSD support delivers outstanding speed for boot drive. [1]

The option of a dedicated HPE iLO port allows you to dedicate more bandwidth to network functions to achieve higher network performance.

The embedded SATA HPE Smart Array S100i Controller ships standard and the redesigned HPE Smart Array Controllers allow you the flexibility to choose the 12 Gbps controller that is most suited to your environment.

With selection of Hewlett Packard Enterprise qualified professional 3D graphics cards, HPE ProLiant ML30 Gen10 server can easily handle graphical workloads such as medium size CAD models, basic digital content creation, and medical imaging.

Variety of Enterprise-class Features to Achieve Business Growth with Lower TCO

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

The selective HPE 500W Flex Slot Platinum Hot Plug Power Supply Kit enhances 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 server offers a complete set of embedded HPE Integrated Lights Out (iLO 5) for Gen10 Servers management features, which includes HPE iLO with Agentless Management, Active Health System, and intelligent provisioning.

Security Innovations

The HPE ProLiant ML30 Gen10 server is one of the Hewlett Packard Enterprise industry-standard servers with major firmware anchored directly into the silicon security protection built-in across the server lifecycle, starting with silicon root of trust.

Millions of lines of firmware code run before server operating system boots. With Runtime Firmware Validation, enabled by HPE iLO Advanced Premium Security

Edition, the server 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 code.

Additional security options are available with Trusted Platform Module (TPM) to prevent unauthorized access to the server and reliably store artifacts used to authenticate the server.

Industry-Leading Services and Ease of Deployment

The HPE ProLiant ML30 Gen10 server comes with a complete set of services from HPE Pointnext, delivering confidence, reducing risk, and helping you realize agility and stability.

Services from HPE Pointnext simplify all stages of the IT journey. Advisory and Transformation Service professionals understand customer challenges and design an enhanced solution. Professional Services enable rapid deployment of solutions and Operational Services provide ongoing support.

Services provided under Operational Services include: HPE GreenLake Flex Capacity, HPE Datacenter Care, HPE Infrastructure Automation, HPE Campus Care, HPE Proactive Services, and multivendor coverage.

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

Technical specifications

HPE ProLiant ML30 Gen10 E-2124 1P 8GB-U S100i 4LFF NHP 350W PS Entry Server

Product Number (SKU)	P06781-425
Processor family	Intel® Xeon® E Processor Intel® Core™ i3 Processor Intel® Pentium® Processor
Processor core available	2 to 6 core, depending on processor
Processor cache	8 MB L3
Processor speed	3.3 GHz
Power supply type	1 350W ATX power supply
Expansion slots	4, for detailed descriptions reference the QuickSpecs
Maximum memory	64 GB with 16 GB DDR4
Memory, standard	8 GB (1x 8 GB) UDIMM
Memory slots	4
Memory type	HPE DDR4 Standard Memory
Memory protection features	Unbufferred ECC
Included hard drives	None ship standard, 4 large form factor drives supported
System fan features	1 non-redundant system fan
Network controller	HPE Ethernet 1Gb 2-port 332i Adapter
Storage controller	1 HPE Smart Array S100i
Minimum dimensions (H x W x D)	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, available in early 2019) Optional - HPE iLO Advanced, HPE iLO Advanced Premium Security Edition, HPE OneView Advanced (requires download, available in early 2019)
Warranty	3/1/1 - Server Warranty includes three years of parts, one year of labor, and one year of onsite support coverage. Additional information regarding worldwide limited warranty and technical support is available at: http://h20564.www2.hpe.com/hpsc/wc/public/home. 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 the HPE website at http://www.hpe.com/support.