HPE ProLiant ML110 Gen10 server



What's new

- Supports the additional 2nd generation Intel® Xeon Scalable Processor offerings delivering additional performance and value.
- Meets European Union (EU) Lot 9 regulation.
- Available regionally SMB offers that are aggressively priced.

Overview

Are you searching for a tower server with enterprise-class reliability and performance at an exceptional value to meet your requirements?

The HPE ProLiant ML110 Gen10 server is an enhanced single processor tower with performance, expansion, and security at an affordable price. It supports the Intel® Xeon® Scalable processor, HPE DDR4 SmartMemory with a maximum capacity of 192 GB, five PCIe slots, eight large form factor (LFF) or 16 small form factor (SFF) disk drives. It can easily be converted to a rack using 4.5U of rack space. The HPE ProLiant ML110 Gen10 server also offers optional redundant fan and redundant power supply to satisfy automatic fail-over needs, making this the ideal server for small- to mid-sized businesses,

and remote and branch offices.

Features

Right-sized, with the Balance of Performance to Meet Growing SMB Requirements

The HPE ProLiant ML110 Gen10 server is compact with less than a 19-inch depth, quiet, and affordable that can deliver the performance needed for the compute demands of a growing office small- to mid-sized business.

Supports industry standard technology leveraging the Intel Xeon Scalable Processors operating with speeds of up to 3.8 GHz and up to 16 cores offering improved performance.

Supports up to two optional graphic processing units (GPUs) allowing one double wide and one single wide card to boost performance in graphic and Virtual Desktop Infrastructure (VDI) applications such as financial services, education, scientific research and medical imaging.

The embedded HPE Dynamic Smart Array S100i Controller for SATA disk drives supports boot, data and media needs. These enhanced HPE Smart Array Controllers provide the flexibility to choose the optimal 12 Gbps controller most suited to your environment, as well as operate in both SAS and HBA modes.

Expandability to Fit the Needs of Growing, Budget-conscious Businesses

The HPE ProLiant ML110 Gen10 server offers up to six DIMM slots with support for up to 192 GB of HPE DDR4 SmartMemory, helping to prevent data loss and downtime with enhanced error handling while improving workload performance and power efficiency.

Supports optional redundant fan and redundant power supplies reducing data loss and downtime, making your server more reliable. Flexible expansion capacity with five PCIe expansion slots, eight USB ports and one optional serial port.

HPE SmartDrives deliver enhanced performance, capacity, and reliability to meet various customer segments and workload requirements at the right economics. Supports up to eight large form factor (LFF) disk drives or 16 small form factor (SFF) disk drive options.

Security Innovations

The HPE ProLiant ML110 Gen10 Server is part of the Hewlett Packard Enterprise offering of industry-standard servers with major firmware anchored directly into the silicon. With security protection built-in across the server lifecycle starting with Silicon Root of Trust.

New features include Server Configuration Lock that ensure secure transit and lock server hardware configuration, iLO Security Dashboard help detect and address possible security vulnerabilities and Workload Performance Advisor provides server tuning recommendations for better server performance.

Secure Recovery allows server firmware to roll back to the last known reliable state or factory settings after detection of compromised code.

HPE InfoSight provides cloud-based analytics to predict and prevent issues proactively.

Industry-Leading Services and Ease of Deployment

The HPE ProLiant ML110 Gen10 server comes with a complete set of services from HPE Pointnext, delivering confidence, reducing risk, and helping you realize agility and stability.

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

Services provided under Operational Services include: HPE Flexible Capacity,

HPE Datacenter Care, HPE Infrastructure Automation, HPE Campus Care, HPE Proactive Services and multi-vendor coverage.

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

Technical specifications — HPE ProLiant ML110 Gen10 server

Processor type	Intel® Xeon® Scalable processors
Processor family	Intel® Xeon® Scalable 5000 series, Intel® Xeon® Scalable 4000 series, Intel® Xeon® Scalable 3000 series
Processor number	1
Processor core available	16 or 14 or 12 or 10 or 6 or 8 or 4, depending on model SKU
Processor cache	19.25 MB L3 - 8.25 MB L3, depending on model SKU
Processor speed	3.8 GHz, maximum depending on processor SKU
Expansion slots	5 PCIe 3.0, for detailed descriptions reference the QuickSpecs
Maximum memory	192 GB
Memory slots	6 DIMM slots
Memory type	HPE DDR4 SmartMemory
Optical drive type	Optional DVD-ROM or DVD-RW
System fan features	Standard 2 fans, none-hot-plug. Optional 4 additional fans, redundancy. Reference QuickSpecs for config. detail.
Network controller	HPE Ethernet 1Gb 2-port 332i Adapter
Storage controller	HPE Smart Array S100i SR Gen10 SW RAID
Product dimensions	44 x 19.5 x 48.05 cm
Weight	13.5 kg minimum 25.0 kg maximum
Infrastructure management	Included: HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download) Optional: HPE iLO Advanced, HPE iLO Advanced Premium Security Edition
Warranty	3/3/3 - Server Warranty includes three years of parts, three years of labor, three years 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
Drive supported	8 LFF SAS/SATA/SSD or 16 SFF SAS/SATA/SSD depending on model

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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