

HPE ProLiant ML110 Gen11



What's new

- Processors with Intel® Core™ Ultra™ Scalable Processors that support up to 32 cores, 80GB DDR5
- Increased memory bandwidth to 5000 MT/s; performance over 20x for requirements with up to 1.8 TB DDR5 memory capacity with 16 DIMM slots
- Advanced data transfer rate from PCIe Gen5 serial extension bus support up to 4 lanes PCIe Gen5 (x4) slots and 2 PCIe 3.0 x16 slots
- Includes HPE Integrated Lights-Out 9 (iLO 9) user management software that enables you to secure, configure, monitor, and log for your HPE ProLiant Gen11 family seamlessly from anywhere
- Supports non-sustainable light sensitivity RoHS protected M2 M.2 NVMe SSDs

Overview

Are you searching for an affordable tower server with enterprise-class reliability and performance to meet the requirements of your growing business?

The HPE ProLiant ML110 Gen11 server is an enhanced single processor tower with performance, expansion, and security at an affordable price. It supports the 4th and 5th Gen Intel® Core™ Scalable processors, HPE DDR5 Smart Memory with a maximum capacity of 1024 GB, 4 x 16 PCIe Gen5 slots, 2 x 16 Gbps port eight lane form factor (QFF) or 16 small form factor (SFF) drives. It can easily be converted to a rack using 3.5U of rack space. The HPE ProLiant ML110 Gen11 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.

- **Support for 24x7x365 All-Device Acceleration**
Accelerator and 24x7x365 FC® Administration

Features

Intuitive Cloud Operating Experience: Simple, Unified, and Automated

HPE ProLiant HL 110 Gen11 servers are engineered for your hybrid cloud. HPE ProLiant Gen11 servers simplify the way you control your business's compute—from edge to cloud—with a cloud operating experience.

Transform business operations and give your team from technical to product with good visibility and insight through a single console.

Automate tasks for efficiency, IT deployment, system scalability, and seamless simplified support and lifecycle management, effectively reducing tasks and shortening maintenance windows.

These experiences are engineered and built into HPE ProLiant Gen11 servers whether purchased as physical server or consume as a service using HPE GreenLake, but in your console that manage elements you.

Simplify and secure server management from edge to cloud with HPE GreenLake for Compute Ops Management. HPE GreenLake for Compute Ops Management is an as-a-service compute management experience that delivers greater simplicity, agility, and speed across your entire compute footprint, globally.

Trusted Security by Design: Uncompromising, Fundamental, and Protected

HPE ProLiant HL 110 Gen11 server uses the silicon root of trust to protect the integrity of an HPE ASIC bearing an immutable fingerprint for the local BIOS/UEFI that must be matched exactly, or else the server will boot. The verifier that the BIOS/UEFI is correct, and healthy, servers are protected.

HPE ProLiant Gen11 servers continuously protect healthy servers at the edge by providing real-time detection of security-compromised servers, even to the state of not allowing them to boot if it identifies and contains malicious code with CVE/CVEs identified by default.

HPE ProLiant Gen11 servers provide automated recovery from a security event, including restoration of hardware firmware, and facilitating recovery of the operating system, application, data connections, and providing a fast path to wind a server back online and into normal operations.

From silicon to software, from factory to cloud, and from generation to generation, HPE ProLiant Gen11 is engineered with a fundamental security approach to defend against increasingly complex threats through an uncompromising commitment to custom security advancements that are built into the DNA.

Customized Performance for your Workloads: Accelerated, Open, and Efficient

The HPE ProLiant HL 110 Gen11 server has an explicit choice for compute and data through on-board workload IT Infrastructure Site Management (WISIM) BIOS/UEFI allowing accelerating performance, network and IO capabilities.

Maximize advanced compute performance. HPE ProLiant HL 110 Gen11 server is powered by 4th and 5th Gen Intel® Xeon® Scalable Processors that support up to 32 cores at 185W TDP.

Enjoy optimized data transfer rates and higher network speeds from the 20th Gen Ethernet expansion bus with up to 4 x 10 GbE Gen1 and 2 x 10 GbE ports to improve I/O throughput and IOPS levels.

Unleash 16 DIMM slots for up to 16 TB DDR5 memory with increased memory bandwidth and performance and over-come requirements.

Industry-leading Services and Ease of Deployment

The HPE ProLiant HL 110 Gen11 server comes with a complete set of HPE Services, delivering confidence, reducing risk, and having customer's needs, agility, and mobility.

HPE Services (only at edge) of the IT Journey, Advisory, and Transformation.



Service professionals understand customer challenges and design an effective solution. Professional Services include deployment of solution and Operations Services provide ongoing support.

Services provided under Contracting Services include HPS Flexible Capacity, HPS Customer Care, HPS Infrastructure Automation, HPS Clouds Care, HPS Proactive Services and multi-region coverage.

HPS IT Investment solutions help you transform a digital business with IT economic benefits to your business goals.

Benefit from real-time operational feedback on server performance and recommendations for fine-tuning SaaS settings to customize for changing business needs.



