

HPE ProLiant XL170r Gen10 Server

Apollo Systems



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- Firmware-level security with HPE-Integrated Lights Out (iLO) 5 management
- Support for 2456 MT/s HPE DDR4 SmartMemory for improved application

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- Support for NVMe SSD option
- Embedded dual 10GbE NIC
- HPE Dynamic Smart Array S100i storage

Overview

Are you looking for a general-purpose 4P server node for your HPE Apollo 2000 Gen10 system to deploy for traditional enterprise workloads like large cloud and web services? The HPE ProLiant XL170r Gen10 server deployed in the HPE Apollo 2000 Gen10 system delivers twice the density of traditional rack mount systems and firmware-level server security with a flexible scale-out architecture for your high-performance computing (HPC) workloads. Each server node can be serviced individually without affecting the operation of other nodes sharing the same chassis to provide increased server uptime. Each server harnesses the performance of 2688 MT/s HPE DDR4

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controller

SmartMemory (16 DIMM slots per node) and dual Intel® Xeon® Processor Scalable family in a very efficient solution that shares both power and cooling infrastructure. Flexible storage options can support four small form factor (SFF), or three large form factor (LFF) disk drives or four NVMe solid state drives SSDs.

Features

Data Center Optimization with High Manageability

The HPE ProLiant XL170r Gen10 server delivers 2x density in 1U servers—four 1U servers in a 2U chassis.

Comprehensive manageability uses tools like HPE iLO5 management, HPE Apollo Platform Manager, and HPE Insight Cluster Management Utility (CMU) 8.2.

Comprehensive Server Security

Every HPE ProLiant XL170r Gen10 Server delivers Silicon Root of Trust for firmware level security.

It offers commercial National Security Algorithms level security.

Provides Secure Recovery to the last known good state.

You can benefit from Firmware Runtime Validation and alert of compromised code.

Flexible Scale-out Architecture


The HPE ProLiant XL170r Gen10 Server allows you to mix and match servers in the HPE Apollo 2000 Gen10 System.

Provides storage and I/O flexibility with drive mapping for enhanced storage allocation.

Right-sized scaling allows starting small and growing as business grows.

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Additional resources

QuickSpecs

[hpe.com/h20195/v2/GetDocument.aspx?](http://hpe.com/h20195/v2/GetDocument.aspx?docname=a00022816enus)

[docname=a00022816enus](http://hpe.com/h20195/v2/GetDocument.aspx?docname=a00022816enus)

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

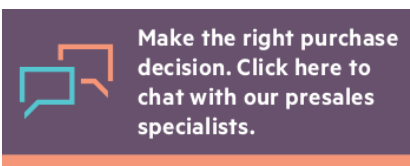
- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

Enable availability:

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