



# HPE Apollo 2000 System

## Apollo Systems



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### What's new

- Intel® Xeon® Processor Scalable family for higher compute performance.
- Firmware level security with HPE Integrated Lights Out (iLO 5) management.
- Support for 2666 MT/s HPE DDR4 SmartMemory for improved application performance.
- Support for NVMe solid state drive (SSD) option.
- Embedded dual 10GbE NIC.
- HPE Dynamic Smart Array S100i storage controller.

### Overview

Do you need a cost-effective data center system that can keep pace with your growth and provide flexibility to adapt to various workloads? The HPE Apollo 2000 Gen10 system is designed as an enterprise level, density-optimized, 2U shared infrastructure chassis for up to four HPE ProLiant Gen10 hot-plug servers with all the traditional data center attributes—standard racks and cabling and rear-aisle serviceability access. Server nodes can be serviced without impacting operation of other nodes in the same chassis to provide increased server uptime. A 42U rack fits up to 20 HPE Apollo 2000 system chassis, accommodating up to 80 servers per rack. It delivers the flexibility to tailor the system to the precise needs of your workload with the right compute, flexible I/O, and storage options. The servers can be “mixed and matched” within a single chassis to support different applications, and it can even be deployed with a single server,

leaving room to scale as customer's needs grow.

## Features

### Data Center Optimization

The HPE Apollo 2000 Gen10 system delivers 2x density in 1U servers—four 1U servers in a 2U chassis.

It offers comprehensive manageability using tools like HPE iLO5 management, HPE Apollo Platform Manager, and HPE Insight Cluster Management Utility (CMU) 8.2.

### Comprehensive Server Security

Every HPE Apollo 2000 Gen10 System delivers Silicon Root of Trust for firmware level security.

IT offers commercial National Security Algorithms level security.

Provides Secure Recovery to last known good state.

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

### Flexible Scale-out Architecture

The HPE Apollo 2000 Gen10 system allows you to mix and match servers—HPE ProLiant XL170r Gen10 for general purpose and HPE ProLiant XL190r Gen10 for workloads requiring graphic processing unit (GPU) processors.

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

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

**For additional technical information, available models and options, please reference the QuickSpecs**

## 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.

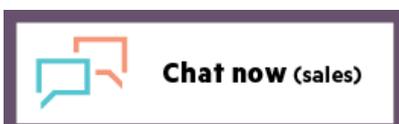
**Professional Services** helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

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### Call for availability



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