



# HPE APOLLO 2000 SYSTEM

## Apollo 2000 System



### 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.

### 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

- HPE Dynamic Smart Array S100i storage controller.

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 easy manageability by HPE Performance Cluster Manager lowering lowering total cost of ownership and increasing productivity.

### 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](#)

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### Operational Services from HPE Pointnext Services

- [HPE Datacenter Care](#) helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- [HPE Proactive Care](#) offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- [HPE Foundation Care](#) helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more.](#)

### Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

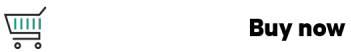
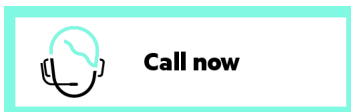
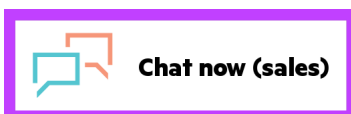
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