Hewlett Packard Enterprise

HPE APOLLO 20 SYSTEM

Apollo 20 Systems

WHAT'S NEW

- Supports 2nd Generation Intel Xeon Processor Advanced Performance (AP) family for higher compute performance.
- Available in 56, 48, or 32 cores with 12 DDR4 memory channels per CPU.
- Built to support both liquid-cool and air-cooled options.
- Available in 1U and 2U form factor.
- Supports in-row CHx750 and in-rack CHx200 CDUs for flexible liquid cooling

OVERVIEW

Are you searching for flexible, high core count, and high memory bandwidth system in HPC and AI?

The HPE Apollo 20 System is built on the 2nd Generation Intel® Xeon® Platinum 9200 family of processors, which offer outstanding 2-socket performance leadership across popular workloads. Built to support both liquid-cooled and air-cooled options in a variety of configurations, the HPE Apollo 20 System takes advantage of the Hewlett Packard Enterprise experience in HPC cooling technologies as workloads continue to push power and density. The HPE Apollo 20 System offers up to 56 cores

deployment.

- Pointnext world-wide support.

with an impressive 12 DIMMs per socket, making it ideal for use in data-intensive industries including oil and gas, finance, AI, manufacturing, and life sciences.

FEATURES

Standardized Scale-Out Platform for Diverse Workloads

The HPE Apollo 20 System offers uncompromised compute density (up to 10,000 cores per rack) for both power and cooling to extract high performance out of each footprint and lower total operating costs.

The HPE Apollo 20 System is designed for standard HPC workloads and applications, including AI.

Designed for memory demanding workloads ideally suited for use in data-intensive industries, including oil and gas, finance, manufacturing, and life sciences.

The 2nd Generation Intel Xeon 9200 advanced performance family of processors offers outstanding 2-socket performance leadership across popular workloads.

Technical specifications — HPE Apollo 20 System

Drive supported	1U node supports two M.2 internal non-hotplug devices while 2U supports up two M.2 internal non-hotplug and two hot-plug U.2 drives.
Supported trays	Support for 1U and 2U Apollo 20 trays
Supported chassis	HPE Apollo 20 Liquid Cooled Configure-to-order Chassis HPE Apollo 20 Air Cooled Configure-to-order Chassis
Memory	DDR4-2933 Registered Memory
Network	1 Gb integrated with additional PCI-e options available (per node)
Expansion slots	1U supports 2 PCIe x16 slots (per node) 2U supports 4 PCIe x16 slots (per node)
Storage	M.2 and U.2 storage options
Power	High line AC input rating: 180-264VAC, 47-63Hz low-line AC input rating: 90-140VAC, 47-63Hz
Management features	AST2500 BMC
System fan features	Dual Rotor 80 x 80 mm hot plug fans
Form factor	2U chassis form factor
Warranty	Support service or warranty covers 3-year parts, 3-year labor, and 3-year onsite

HPE POINTNEXT

Access expertise at every step of your IT journey with HPE Pointnext Services. Advisory Services focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our Professional and Operational Services help speed up time-to-production and keep your IT stable and reliable.

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.
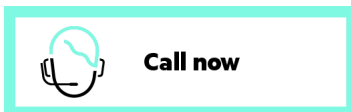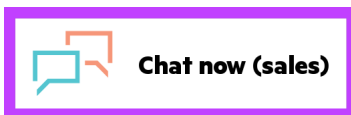
HPE GREENLAKE

HPE Greenlake is HPE's market-leading IT 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. HPE GreenLake delivers public cloud services and infrastructure for workloads 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.

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