



Hewlett Packard
Enterprise

HPE 32GB (1X32GB) SINGLE RANK X4 DDR4- 2933 CAS-21-21-21 REGISTERED MEMORY KIT (P38446-K21)

Server Memory



WHAT'S NEW

- HPE 32GB (1x32 GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit supported on HPE Gen10 Intel servers
- HPE 32GB (1x32 GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered

OVERVIEW

Has your server been configured with the memory it needs to perform as its role expands over time?

HPE DDR4 SmartMemory is designed for small to large enterprise customers with a significant need for performance and capacity, along with a desire to manage total cost of

Smart Memory Kit supported on HPE
Gen10 Plus AMD servers

ownership. HPE DDR4 SmartMemory enables total server memory optimization, runs at top throughput speed, and is among the most power-efficient memory available. In addition to performance and efficiency, HPE DDR4 SmartMemory also delivers on reliability. Only the highest-quality DRAM modules are selected from top suppliers. Now more than ever, DRAM quality is critical, as data center trends such as server virtualization, cloud computing, and the use of large database applications have increased the need for higher-capacity memory with greater up-time. HPE DDR4 SmartMemory undergoes rigorous qualification and testing processes that unlock memory performance features available only with HPE servers.

FEATURES

High Performance

HPE DDR4 3200 MT/s SmartMemory provides improvements in bandwidth in comparison to DDR4 2933 MT/s memory modules.

HPE DDR4 SmartMemory delivers improvements in latency at 3200 MT/s in comparison to DDR4 2933 MT/s memory modules.

High Reliability

Hewlett Packard Enterprise tests and qualifies HPE DDR4 SmartMemory modules on all HPE server platforms to deliver the highest level of signal integrity.

HPE DDR4 SmartMemory prevents unnecessary DIMM replacement and reduces server downtime with advanced memory error detection technology.

HPE uses the highest quality materials for its DDR4 server memory, reducing issues that may affect signal integrity and increasing system reliability.

HPE provides server memory that performs above industry standards, enabling customers to increase the performance of their servers without having to increase the amount of memory purchased.



Technical specifications**HPE 32GB (1x32GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Memory Kit**

Product Number (SKU)	P38446-K21
DIMM type	RDIMM
DIMM capacity	32GB
DIMM rank	Single Rank
DIMM native speed (MT/s)	3200 MT/s
Voltage	1.2V
Product Dimensions (metric)	8.89 x 19.05 x 1.91 cm
Weight	0.04 kg



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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.

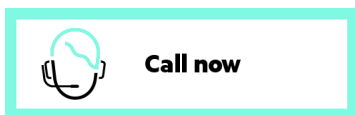
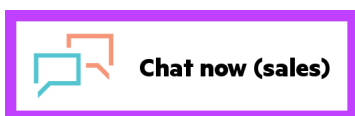
HPE GREENLAKE

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product
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