



**Hewlett Packard**  
Enterprise

# **HPE 128GB (1X128GB) QUAD RANK X4 DDR4- 2933 CAS-21-21-21 LOAD REDUCED SMART MEMORY KIT (P11040- H21)**

**Server Memory**



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## **WHAT'S NEW**

- HPE now offers a complete family of DDR4 3200 speed memory to support HPE Gen10 Plus servers based upon Intel® Xeon® processors. Capacities range from

## **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

8GB to 256GB.

- P07525-B21 - HPE 8GB (1x8GB) Single Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit
- P06029-B21 - HPE 16GB (1x16GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit
- P06031-B21 - HPE 16GB (1x16GB) Dual Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit
- P06033-B21 - HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit
- P40007-B21 - HPE 32GB (1x32GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Memory Kit

and capacity, along with a desire to manage total cost of 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 128GB (1x128GB) Quad Rank x4 DDR4-2933 CAS-21-21-21 Load Reduced Smart Memory Kit

<b>Product Number (SKU)</b>	P11040-H21
<b>DIMM type</b>	LRDIMM
<b>DIMM capacity</b>	128GB
<b>DIMM rank</b>	Quad Rank
<b>DIMM native speed (MT/s)</b>	2933 MT/s
<b>Voltage</b>	1.2 V
<b>Product Dimensions (metric)</b>	8.89 x 19.05 x 1.91 cm
<b>Weight</b>	0.045 KG



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

### **Operational Services from HPE Pointnext Services**

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

- **[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.



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

## 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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