

# **HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit (815100-K21)**

## **Overview**

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

HPE DDR4 Smart Memory 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 ownership. HPE DDR4 Smart Memory 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 Smart Memory 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 Smart Memory undergoes rigorous qualification and testing processes that unlock memory performance features available only with HPE servers.

## **Features**

### **High Performance**

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

HPE DDR4 Smart Memory 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 Smart Memory modules on all HPE server platforms to deliver the highest level of signal integrity.

HPE DDR4 Smart Memory 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) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit

<b>Product Number</b>	815100-K21
<b>DIMM type</b>	RDIMM
<b>DIMM capacity</b>	32 GB
<b>DIMM rank</b>	Dual Rank
<b>DIMM native speed (MT/s)</b>	2666 MT/s
<b>Voltage</b>	1.2 V
<b>Platform supported</b>	HPE Disk Enclosures/Apollo 4200/4500
<b>Product dimensions (metric)</b>	8.89 x 19.05 x 1.91 cm
<b>Weight</b>	0.045 KG



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

## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The [Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

## HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading 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, 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](#).

Explore **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  
[PSN1012180806NZEN](#), September, 2023.