

### Overview

#### HPE DDR4 Standard Memory

Is finding reliable DRAM memory for your HPE ProLiant servers a major challenge?

HPE Standard Memory offers the best combination of pricing, quality, reliability, and compatibility for HPE ProLiant servers; designed to help your business achieve powerful results with right-sized affordable solutions. It delivers the ideal value that small businesses require to smoothly run a small network server environment and provides entry-level businesses with affordable server memory that has been optimized for HPE entry-level servers. HPE Standard Memory is outstanding for businesses looking for memory with a low acquisition cost, exceptional performance, optimized compatibility, assured reliability, and comprehensive management.

#### What's New

- HPE Standard Memory DDR4 @3200 unbuffered memory supported on HPE ProLiant Gen10 10 series servers

#### Models

##### Unbuffered DIMMs (UDIMMs)

|  |            |
|--|------------|
| HPE 8GB (1x8GB) Single Rank x8 DDR4-2666 CAS-19-19-19 Unbuffered Standard Memory Kit   | 879505-B21 |
| HPE 16GB (1x16GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Unbuffered Standard Memory Kit   | 879507-B21 |
| HPE 8GB (1x8GB) Single Rank x8 DDR4-3200 CAS-22-22-22 Unbuffered Standard Memory Kit   | P43016-B21 |
| HPE 16GB (1x16GB) Single Rank x8 DDR4-3200 CAS-22-22-22 Unbuffered Standard Memory Kit | P43019-B21 |
| HPE 32GB (1x32GB) Dual Rank x8 DDR4-3200 CAS-22-22-22 Unbuffered Standard Memory Kit   | P43022-B21 |

## Standard Features

### What is HPE Standard Memory?

It is industry-standard memory from the world's server memory leader. Ideal for entry-level customers that need competitively priced, high-quality memory, HPE Standard Memory provides genuine HPE certified memory that has been optimized for HPE entry-level servers such as the ProLiant 10 series. HPE Standard Memory offers the best combination of pricing, quality, reliability and compatibility to help customers achieve powerful results with right-sized affordable solutions.

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### Quality and Performance

HPE Standard Memory is compliant with JEDEC specifications and offers industry-standard memory speed with assured quality and reliability. It has passed rigorous qualification tests to ensure consistent performance. With its error correcting code (ECC) feature, HPE Standard Memory can protect your business data from data loss during unplanned system downtime.

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### HPE Active Health System

Future ROM updates will enable HPE Standard Memory to work in conjunction with the HPE Active Health System, which monitors changes to the server hardware configuration to monitor lifecycle monitoring of memory health status. Having insight into memory related service events will shorten the diagnosis of problems and deliver rapid resolutions if and when failures occur. Whereas a pre-failure alert simply notifies the administrator of an impending failure, HPE Standard Memory will provide valuable insights on memory-related events like multibit errors or configuration issues.

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### Other Resources

For the latest updates on HPE Server Memory Options, visit: <https://www.hpe.com/us/en/servers/memory.html>

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## Service and Support

### HPE Technology Services for Industry Standard Servers

HPE Technology Services deliver confidence, reduce risk, and help customers realize agility and stability. Connect to Hewlett Packard Enterprise to help prevent problems and solve issues faster. Our support technology lets you tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.

### Protect your business beyond warranty with HPE Support Services

HPE Support Services enable you to order the right service level, length of coverage and response time when you purchase your new server, giving you full entitlement for the selected support.

**Notes:** This option is covered under the HPE Support Service(s) applied to the compute module. No separate HPE Support Service(s) need to be purchased.

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### HPE Support Center

The HPE Support Center offers personalized online support portal with access to information, tools and experts to support HPE business products. Submit support cases online, chat with HPE experts, access support resources or collaborate with peers. Learn more: <https://www.hpe.com/us/en/services/it-support.html>

The HPE Support Center mobile app allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime.

**Notes:** the HPE Support Center mobile app is subject to local availability

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### Parts and materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials, for available and recommended engineering improvements.

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.

The defective media retention service feature option applies only to disk or eligible SSD/flash drives replaced by Hewlett Packard Enterprise due to malfunction.

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### Warranty / Service Coverage

For ProLiant servers and storage systems, this service covers HPE branded hardware options qualified for the server, purchased at the same time or afterward, and internal to the enclosure, as well as external monitors up to 22 inches and tower UPS products. These items will be covered at the same service level and for the same coverage period as the server unless the maximum supported lifetime and/or the maximum usage limitation has been exceeded. Coverage of the UPS battery is not included; standard warranty terms and conditions apply.

For details on the HPE Qualified Options limited warranty visit:

[https://support.hpe.com/hpsc/doc/public/display?docId=emr\\_na-c00383139](https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-c00383139)

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### General Memory Population Rules and Guidelines

For details on the memory population rules for HPE Intel Xeon Gen10 servers, visit:

<http://www.hpe.com/docs/udimm-population-rules>

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## Technical Specifications

### Memory Speed by Processor Model

For details on HPE Server memory speeds, visit: <http://www.hpe.com/docs/memory-speed-table>

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## Summary of Changes

| Date        | Version History | Action  | Description of Change  |
|-------------|-----------------|---------|--|
| 07-Feb-2022 | Version 10      | Changed | Overview, Standard Features, Service and Support Sections were updated   |
| 05-Nov-2018 | Version 9       | Changed | Overview, Platform Information, Standard Features, Services and Support, and Technical Specifications sections were updated. |
|             |                 | Added   | New SKUs added: 879505-B21, 879507-B21   |
|             |                 | Removed | Obsolete SKUs were deleted: 803026-B21, 803028-B21, 851353-B21, 867853-B21, 867855-B21, 805667-B21, 805669-B21.              |
| 25-Sep-2017 | Version 8       | Changed | Overview, Platform Information, Standard Features, Service and Support, and Technical Specifications sections were updated.  |
|             |                 | Added   | SKUs added in Platform Information section:<br>867853-B21 867855-B21   |
| 8-May-2017  | Version 7       | Changed | Overview, Platform Information, Standard Features, and Technical Specifications sections were updated.                       |
|             |                 | Added   | SKUs added in Platform Information section:<br>862974-B21, 862976-B21.   |
| 31-Mar-2016 | Version 6       | Changed | Overview, Overview, Standard Features, Service and Support, and Technical Specifications                                     |
|             |                 | Added   | SKU added in Overview section:<br>851353-B21   |
| 03-Feb-2016 | Version 5       | Changed | Overview, Technical Specifications sections  |
|             |                 | Added   | New 2400MHz SKU 851353-B21   |
| 01-Dec-2015 | Version 4       | Changed | Overview, Service and Support, and Technical Specifications sections were updated.   |
|             |                 | Added   | SKUs added in Overview section:<br>805667-B21, 819880-B21, 805669-B21, 805671-B21  |
| 20-Feb-2015 | Version 3       | Changed | Overview, Technical Specifications sections were updated   |
| 05-Dec-2014 | Version 2       | Changed | Note added on Overview section:<br>Notes: Available WW except EMEA   |
| 01-Dec-2014 | Version 1       | Created | New QuickSpecs   |



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