RETIRED: This document has been officially retired, and the base products listed herein are now considered obsolete and are no longer available for sale. Consequently, the information contained within may no longer be current. This document is provided exclusively for reference and informational purposes.

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 DDR4-3200 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.

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.

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.

Other Resources

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

Service and Support

HPE Services

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

https://www.hpe.com/services

Consulting Services

No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.

https://www.hpe.com/services/consulting

HPE Managed Services

HPE runs your IT operations, providing services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

HPE Managed Services | HPE

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.

https://www.hpe.com/services/operational

HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

https://www.hpe.com/services/completecare

HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.

https://www.hpe.com/services/techcare

Service and Support

HPE Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

Notes: To review the list of Lifecycle Services available for your product go to:
https://www.hpe.com/services/lifecycle

For a list of the most frequently purchased services using service credits, see the **HPE Service Credits Menu**

Other Related Services from HPE Services:

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. 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.
https://www.hpe.com/services/training

Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and services options.

Parts and Materials

HPE 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.

How to Purchase Services

Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find services at **https://ssc.hpe.com/portal/site/ssc/**

Service and Support

AI Powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a digital and data driven customer experience

Sign into the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent.
https://support.hpe.com/hpesc/public/home/signin

Consume IT On Your Terms

HPE GreenLake edge-to-cloud platform brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake edge-to-cloud platform accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE"
https://www.hpe.com/us/en/contact-hpe.html

For more information
www.hpe.com/services

Technical Specifications

Memory Speed by Processor Model

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

Summary of Changes

Date	Version History	Action	Description of Change
04-Dec-2023	Version 11	Changed	Service and Support Sections were Updated
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: 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: 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: 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: 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: **Notes:** Available WW except EMEA
01-Dec-2014	Version 1	Created	New QuickSpecs

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