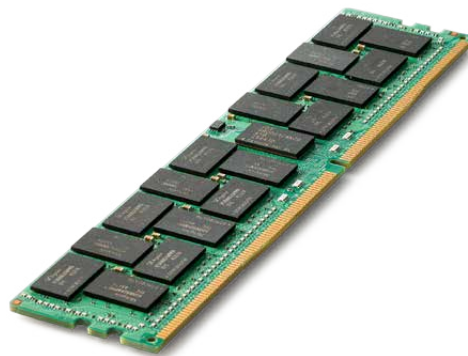




HPE DDR4 SmartMemory

HPE server memory, purpose built for
HPE ProLiant servers



Get higher performance, more reliability, and greater efficiency with genuine, HPE server memory, built to work with HPE ProLiant servers and capable of enhanced support through the HPE Active Health System.

A HPE Server Option

Every genuine HPE DIMM has been through our rigorous qualification process, which extends beyond standard industry practice, to help ensure compatibility, performance, and reliability. For the latest news, videos, podcasts, and updates, visit hpe.com/servers/memory.

Choose the right memory

Choosing the right memory is the key to getting the utmost reliability, performance, and faster return on your enterprise IT investment. As one of the largest DRAM buyers, Hewlett Packard Enterprise chooses only the highest quality memory. HPE SmartMemory is performance tested and tuned on HPE ProLiant servers using proprietary software that simulates extreme operating environments and conditions.

Enjoy reliability, performance, and manageability

HPE SmartMemory is a unique technology introduced for HP ProLiant Gen8 and future servers. Unlike third-party memory, HPE authenticates its SmartMemory by sending it through a HPE's rigorous qualification and test process, providing you with the highest quality, genuine HPE server memory.

More importantly, verification of HPE SmartMemory unlocks certain performance and high-efficiency features optimized for HPE ProLiant servers. In addition, SmartMemory provides future enhanced support through the HPE Active Health System and manageability software.

Many of the benefits that enterprise customers enjoy with HPE SmartMemory are also available to small and medium business (SMB) owners with HPE Standard Memory. With HPE server memory, SMB customers don't have to choose between the need for high-performance server memory that supports their workloads and the need to control capital and operating expenses. HPE Standard Memory options are designed to deliver performance, reliability and efficiency at an affordable price.

Key features and benefits of HPE SmartMemory

HPE SmartMemory is the ideal tool to help you extract all the memory performance, dependability, and power savings that the HPE ProLiant servers are designed to deliver. Memory plays an increasingly large part of the server's power consumption, and choosing the most efficient memory is a critical component in reducing your data center's overall power and cooling requirements. These savings translate to reduced operating cost and a faster return on investment, freeing up IT budget spent on power and cooling.

Our new generation of HPE DDR4 SmartMemory delivers benefits such as:

Higher performance¹

- Up to a 23% increase in throughput at DDR4-2400 MT/s
- A 100% increase in maximum memory capacity with the introduction of the DDR4-2400 MT/s 128 GB LRDIMM
- Up to a 25% improvement in latency at DDR4-2400 MT/s

Power savings/efficiency¹

- A 5% reduction in power consumption

HPE Factory Express

HPE Factory Express provides customization and deployment services along with your server purchases. You can customize hardware to your exact specifications in the factory—helping speed deployment. Visit the HPE Factory Express [here](#).

HPE Education Services

Gain the skills you need with expert training and certification in a variety of topics from HPE. With HPE Education Services, you will accelerate your technology transition, improve operational performance, and get the best return on your HPE investment. Our training is available when and where you need it, through flexible delivery options and a global training capability. Visit the HPE Education Services page to learn [more](#).

¹ Compared to HPE DDR4-2133 MT/s SmartMemory



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hpe.com/info/memory