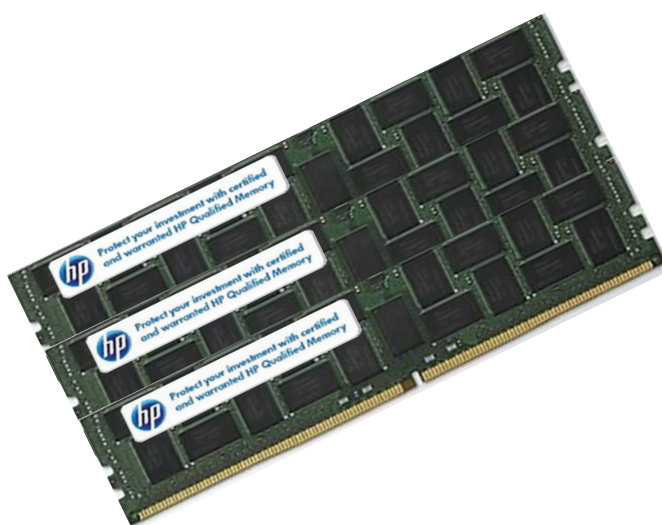


# HPE Server Memory

HPE Qualified Memory, purpose-built for  
HPE ProLiant servers

Get higher performance, more power savings, and better efficiency with genuine, HPE Qualified Memory, built to work with HPE ProLiant servers.



## Qualified Server Memory from HPE

HPE Qualified Options mean every component has been through our rigorous qualification process that begins with using high-quality DIMMs, and extends beyond standard industry practice, to help enhance compatibility, performance, and reliability.

Only memory that meets the strict requirements of Hewlett Packard Enterprise are selected to begin the HPE Memory Qualification process.

For the latest news, videos, podcasts, and updates, visit [hpe.com/info/memory](https://hpe.com/info/memory).


## Enjoy reliability, performance, and compatibility

HPE Memory authenticates whether memory has passed the rigorous qualification and test process from Hewlett Packard Enterprise, and provides you high quality.

HPE Memory is performance tested and tuned on every supported HPE ProLiant server by changing workloads and using proprietary software that simulates extreme

operating environments and conditions. This is key because these tests consider the robustness and signal integrity of the overall solution to further enhance compatibility and reduce the possibility of memory failures.

With HPE Qualified Server Memory, you have the peace of mind of having an outstanding component that seamlessly integrates with your HPE ProLiant to deliver unmatched performance and efficiency.



As applications grow more complex, memory becomes more critical to rapid server startup, processing, and interaction. By integrating HPE SmartMemory, HPE ProLiant servers unlock an entirely new level of excellent performance for those resource-intensive apps.

## Choose the right memory

Configuring your server with the right memory is critical to obtaining excellent performance. You simply cannot afford to have under-capacity memory servers, or face compatibility and quality issues that lead to operations disruption.

Your server hardware and workloads define the type of memory that best fits your needs. HPE's broad memory portfolio ranges from HPE Standard modules to our fast and low power-consuming HPE SmartMemory. Choose from different types and capacities to leverage memory slots and optimize capacity to support your business applications.

### HPE SmartMemory

- Authentication verifies genuine HPE SmartMemory and qualification with HPE ProLiant servers

- Performance tuned and enhanced for HPE ProLiant at higher speed on selected servers
- Unique technology introduced for ProLiant servers; provides real differentiation to industry-standard memory
- Built-in intelligence (advanced error detection) to improve performance, reduce downtime, and lower energy costs
- Capable of enhanced support through HPE Active Health System
- Available in 2 GB to 64 GB capacity modules

### HPE Standard Memory

- Performs to Intel®-defined specifications
- Supports HPE ProLiant Gen9 Servers for 10 and 100 Series
- Offers only low-capacity modules

## Help me choose

### Business type

A small but growing business, along with midsized ones have different IT requirements than large enterprises. Business applications and workload requirements define your server platform.

### An HPE server for every need

Hewlett Packard Enterprise understands that when it comes to servers, one size does not fit all. That's why we offer you a comprehensive array of server families, purpose-built for a wide variety of business needs.

### HPE Server Memory recommendation

HPE's broad memory portfolio ranges from HPE Standard modules to our fast and low power-consuming HPE SmartMemory.

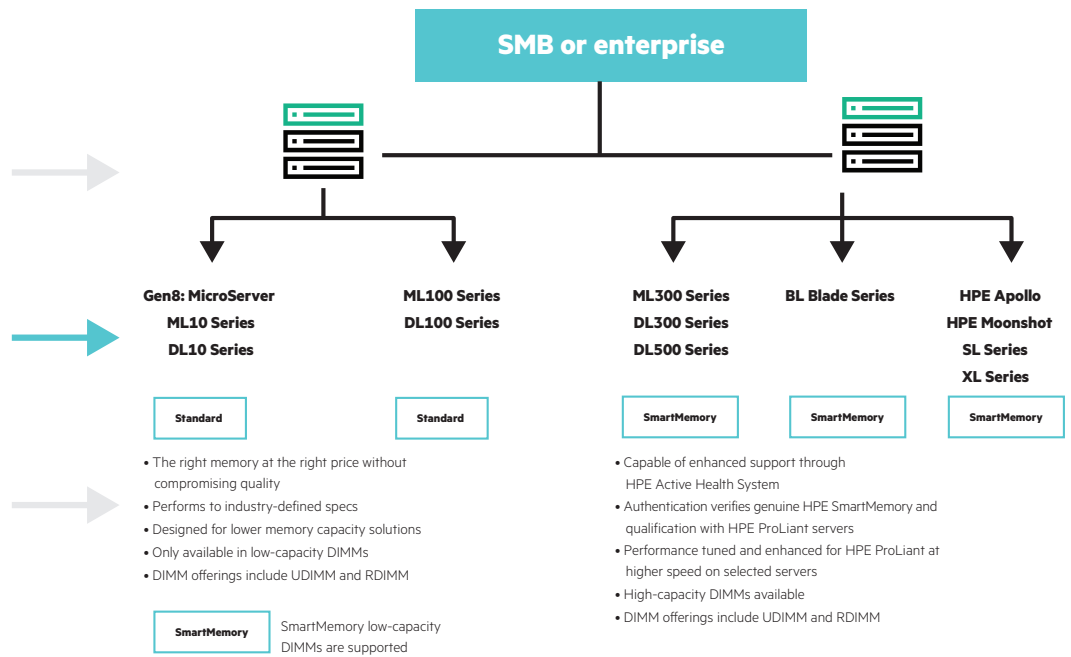


Figure 1. Selection guide

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Use our web-based memory configuration tool at [hpe.com/info/memory](http://hpe.com/info/memory)

## HPE Advanced Memory Error Detection Technology

This innovation monitors several memory parameters and seeks out specific defects that either cause performance degradation or significantly increases the probability of a non-recoverable memory condition. By improving the prediction of critical memory error conditions, this technology prevents unnecessary DIMM replacement and increases server uptime.

## HPE Active Health System

HPE SmartMemory works in conjunction with the Active Health System, which monitors changes to the server hardware configuration to enable lifecycle monitoring of memory health status. Having insight into memory-related service events shortens diagnosing problems and delivers rapid resolutions when failures occur.

Learn more at [hpe.com/info/memory](http://hpe.com/info/memory)



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Sign up for updates

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