

## Core AI Server Enterprises



### Overview

This article compares leading AI servers from Dell, HPE, Lenovo, and Supermicro to help you decide. Artificial Intelligence (AI) server manufacturers have experienced surging demand as data center operators require significantly more computing power than before the advent of ChatGPT and other Generative Artificial Intelligence (Gen AI) tools. Enterprises are investing billions of dollars in cloud. Powerful platforms that are optimized for acceleration and purpose-built for artificial intelligence, generative AI, and high performance computing. Testing conducted by Dell in July of 2024. Performed on PowerEdge XE9680 with 8x Nvidia H200 GPUs and XE9680 with Nvidia H100 GPUs. government standards and deliver durability under real-world conditions – from extreme temperatures to dusty, hazardous environments. AMD EPYC server CPUs offer energy efficiency.

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This ABI Research competitive assessment ranks the top five AI server companies worldwide.



These advanced AI servers and software solutions are purpose-built for handling intricate tasks like deep learning, machine learning, predictive AI, generative AI (Gen AI), large language models (LLMs), ...



It is designed to maximize AI throughput, providing enterprises with a highly refined, systemized, and scalable platform to help them achieve breakthroughs in NLP, recommender systems, data analytics, ...



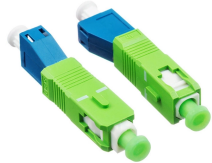
Learn why choosing the right server for enterprise AI is crucial for modern businesses to maintain a competitive edge in today's market.



Enterprises are seeking solutions that can handle complex workloads, from machine learning training to real-time inference. With numerous vendors vying for dominance, choosing the ...



Find enterprise AI hardware from our OEM partners, including servers with high core count and high frequency CPUs, a premier line of GPUs, and interoperable networking solutions.



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Available with NVIDIA RTX PRO 4500 or NVIDIA RTX PRO 6000 Blackwell Server Edition GPUs (only on EL240 Gen12 server) Support for NVIDIA AI Enterprise, with government ...



Drive faster results with servers equipped with the latest multi-core processors. Leverage CPUs to deliver rapid data processing and enhanced application performance for trusted artificial intelligence ...



Explore top AI servers with NVIDIA H100 and A100 GPUs. Dell, HPE, Lenovo, and Supermicro systems built for HPC, deep learning, and enterprise AI.



AI servers accelerate model training and real-time inference, delivering powerful computing with CPUs, GPUs, and specialized AI accelerators. Their scalable and efficient architecture enables businesses ...

## Contact Us

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