

AI server growth rate over the next five years



Overview

IDC forecasts that accelerated servers will make up over 75% of server AI infrastructure spending by 2028, growing at a compound annual growth rate (CAGR) of 42% over the next five years., February 18, 2025 - The global Artificial Intelligence (AI) infrastructure market is on track for unprecedented growth, poised to surpass \$200 billion USD in spending by 2028, according to the latest findings from the International Data Corporation (IDC) Worldwide Semiannual. The AI server market is projected to reach USD 837. 83 billion by 2030 from USD 142. The growth of the AI server market is driven by the increase in data traffic and need for high computing power. 46% during the forecast period. A comprehensive report by Global Market Insights Inc. North America dominated the global market, accounting for the largest revenue share of 38.



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As organizations accelerate AI adoption to drive growth and efficiency, CHROs must play a more active role in assessing the workforce-related costs of AI

AI Server Market Size, Share, Global Trends Report

As per Market Research Future analysis, the AI Server Market Size was estimated at 23.7 USD Billion in 2024. The AI Server industry is projected to grow from 31.87 USD Billion in 2025

2026 Market Outlook: SK hynix's HBM to Fuel AI Memory Boom

Growing Share of Memory Driven by AI Infrastructure Expansion According to the World Semiconductor Trade Statistics (WSTS), the global semiconductor market will grow by more than

AMD MI400 Series: \$7.2B AI GPU Challenging Nvidia

AMD MI400 series specs, benchmarks, and revenue projections. 432 GB HBM4, 320B transistors, and the Helios platform targeting Nvidia Blackwell in

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Data growth worldwide 2029| Statista

The total amount of data created, captured, copied, and consumed globally is forecast to increase rapidly.

AI Server Market report 2024-2030 [314 Pages & 252 Tables]

The AI server market is experiencing rapid expansion, driven by rising demand from cloud providers to support hyperscale environments and generative AI workloads.

Advancements in GPUs, ASICs, and

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The State Of AI Infrastructure: Demand, Costs, And Custom Silicon

We believe the companies that win the next five years will be those that can design the most efficient silicon, build the most capable models, and deploy both at scale.

AI Server Market Size & Share, Statistics Report 2025-2034

The AI server market was valued at USD 128 billion in 2024 and is expected to grow at a CAGR of 28.2% between 2025 and 2034, driven by the explosive enterprise AI adoption and proven return on

AI server Market Size, Growth Report, 2026-2033

The global AI server market size was valued at USD 131.7 billion in 2025 and is projected to grow from USD 157.0 billion in 2026 to USD 598.1 billion by 2033, at a CAGR of 21.2% from 2026 to 2033.

IDC predicts AI infrastructure spending to exceed US\$200 billion

IDC forecasts that accelerated servers will make up over 75% of server AI infrastructure spending by 2028, growing at a compound annual growth rate (CAGR) of 42% over the next five years.

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AI Servers Market Analysis: Growth Drivers & Competitive Trends

Over the next three years, competitive advantage will increasingly depend on AI infrastructure scalability, energy efficiency, and integrated hardware-software optimization capabilities.

Silver Demand Forecast to Expand Across Key Technology Sectors

As a result, global silver industrial demand is poised to grow further as demand from vital technology sectors accelerates over the next five years. Sectors such as solar energy (PV),

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AI Server Market Size, Vendor Shares, and Investment Drivers

ABI Research forecasts the AI server market to grow at a Compound Annual Growth Rate (CAGR) of 18% through 2030, reaching a US\$524 billion size. Revenue generation comes from

Data Center Liquid Cooling Market Size, Companies

Data Center Liquid Cooling Market Analysis by Mordor Intelligence The data center liquid cooling market size was valued at USD 5.52 billion in 2025

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First published on TECHNET on May 19, 2014 Storage Classification was introduced in System Center 2012 Virtual Machine Manager (VMM 2012) to provide the...

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Anthropic is an AI safety and research company that's working to build reliable, interpretable, and steerable AI systems.

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AI Server Market Growth Rate, Impact Analysis & Growth in 5 Years

Check how emerging trends are changing dynamics of AI Server industry growth. The research report entails detailed outlook, market stats, growth scenario, & Forecasting to guide you in

AI data center growth: Meeting the demand | McKinsey

Demand for AI-ready capacity is the main driver of this potential deficit—as it must provide the high computational power and power density

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O'Reilly & Associates, Inc. 103A Morris St. Sebastopol, CA United States

Data centre electricity use surged in 2025, even with

Over the past year, social concerns around AI have also grown, with data centres serving as a highly visible flashpoint for concerns around energy

Zacks Investment Research

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