

AI Server Growth Data



Overview

A comprehensive report by Global Market Insights Inc. The market is expected to grow from USD 167. 56 trillion in 2034, at a CAGR of 28. Market Leader: Nvidia Corporation led with over 31%. North American CSPs' continued investments in AI infrastructure are expected to increase global AI server shipments by more than 28% YoY in 2026, according to the latest market research from TrendForce. The rapid growth of AI inference services is boosting demand for general-purpose servers. Size, Share, & Trends Analysis Report By Processor (GPU-based Servers, FPGA-based Servers), By Cooling Technology (Air Cooling, Liquid Cooling), By Form Factor, By End Use (BFSI, Automotive), By Region, And Segment Forecasts The global AI server market size was valued at USD 131. 73% during the forecast period. The North America AI server market accounted. AI Server Market (By Servers: AI Data Server, AI Training Server, AI Inference Server, Others; By Hardware: GPU, ASIC, FPGA, CPU, Others; By End-user: IT and Telecommunication, Transportation and Automotive, BFSI, Retail and E-commerce, Healthcare and Pharmaceutical, Industrial Automation, Others).

Article Content

Gartner Forecasts Worldwide AI Spending to Grow 47% in 2026

Worldwide spending on AI is forecast to total \$2.59 trillion in 2026, a 47% increase year-over-year, according to Gartner, Inc. a business and technology insights company.

AI Server Market Size, Share, Growth Report, 2034

Growing demand for scalable and energy-efficient computing environments continues to shape the AI Server Market Outlook, positioning AI servers as a foundational element of digital

AI Server Market Size & Share, Statistics Report 2025

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 Server Market Report: Size, Growth, Trends & Forecast (2025-2033)

AI Server Market size was valued at USD 40.6 Billion in 2024 and is projected to reach USD 166.6 Billion by 2032, growing at a CAGR of 17.45% The report provides key trends, growth drivers,

AI Server Market Size, Share, Global Trends Report

According to recent estimates, the data generated globally is expected to reach 175 zettabytes by 2025, necessitating advanced processing power. AI servers equipped with high

AI Data Centers Energy Consumption in 2024-2026:

In summary, the growing energy needs of AI are a phenomenon that, between 2024 and 2026, has evolved from a barely noticeable curiosity into a

AI Servers Market Size, Share & Trend 2035

The report analyzes different market portions; counting AI information servers, AI preparing servers, and AI deduction servers, alongside their applications over BFSI, IT & telecom,

Global AI Optical Transceiver Market to Reach US\$26 Billion in 2026 ...

Traffic at hyperscale data centers in North America has sustained over 30% annual growth, prompting cloud giants such as Google, Microsoft, and Meta to expand GPU and AI server

DELL vs. SMCI: Which AI-Server Stock Offers Better Growth

Super Micro Computer's AI-driven revenue surge, rack-scale expansion and lower valuation stack up against Dell's margin pressures in the AI server race.

Data Center Capex Surges 57 Percent in 2025 as AI Deployments ...

Additional highlights from the 4Q 2025 Data Center IT Capex Quarterly Report: The global data center capex growth outlook to increase by more than 50 percent in 2026. We project

AMD Q1 2026 Revenue Jumps 38% as AI Data Center, EPYC Servers

AMD also expects server CPU revenue growth to exceed 70 percent year over year during Q2 2026 as adoption of AI workloads expands globally.

Rapid Contract Price Surge Drives 1Q26 DRAM

As AI applications evolve from focusing on LLM training to AI inference, CSP data centers are shifting their deployment priorities from AI

Global AI Server Shipments Forecast to Grow Over 28% YoY in 2026,

North American CSPs' continued investments in AI infrastructure are expected to increase global AI server shipments by more than 28% YoY in 2026, according to the latest market

Micron Q2 FY 2026 Earnings Driven by AI-Led Memory

Futurum Research reviews Micron Q2 FY 2026 earnings, focusing on AI-driven memory demand, HBM roadmap progress, supply constraints, and

AI server Market Size, Growth Report, 2026-2033

Factors such as growing cloud computing and hyperscale data center expansion, along with increasing investment in AI-optimized server infrastructure to cater to

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

AI Server Market Size, Share & Trends | Industry Report 2035

AI Server Market size was valued at \$39.2 billion in 2025 and is projected to reach \$213.8 billion by 2035, at a CAGR of 18.5% from 2026 to 2035

Better Artificial Intelligence (AI) Inference Stock: AMD vs. Intel

The growth of AI inference workloads in data centers is boosting demand for server CPUs, a market that's dominated by AMD and Intel.

AI Data Center Boom: Top Stocks & ETFs for 2026

Data center demand is set to surge 220% by 2030, driving growth in AI, power, and infrastructure stocks. Discover top companies like NVDA, VRT, and ETFs to capture this trillion-dollar opportunity

AI Data Center Forecast: From Scramble to Strategy

Snap Chart AI Data Center Forecast: From Scramble to Strategy AI demand is expected to spur 16% to 25% annual growth in global IT power capacity through 2030. Hyperscalers are investing the most in

AI Server Market Size to Reach USD 417.52 Billion by 2035

The global AI server market size is predicted to reach around USD 417.52 billion by 2035, increasing from USD 39.23 billion in 2025, with a CAGR of 26.68% from 2026 to 2035.

North American AI Data Center Expansion Drives 2026 CapEx of Top

Further jumps in power consumption are expected in 2027-2028 as platforms such as GB300/Rubin and ASIC-based AI servers enter mass production. This trend will, in turn, support

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