

Analysis of Domestic AI Server Demand



Overview

TrendForce's latest analysis of the AI server market shows that demand from CSPs and sovereign cloud deployments will remain robust through 2026. This momentum will fuel stronger pull-ins for GPUs and ASICs, alongside the rapid expansion of AI inference applications. 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. As a result, global AI server. The AI Server Market represents a critical backbone of modern artificial intelligence infrastructure, enabling high-performance computing required for data-intensive AI workloads. AI servers are purpose-built systems optimized for machine learning, deep learning, and data analytics applications. AI compute is no longer a niche line item. Meanwhile, power availability is. 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. 7 billion in 2025. AI Servers by Application (Internet, Telecommunications, Government, Healthcare, Other), by Types (CPU+GPU, CPU+FPGA, CPU+ASIC, Other), by North America (United States, Canada, Mexico), by South America (Brazil, Argentina, Rest of South America), by Europe (United Kingdom, Germany, France, Italy).



Article Content

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

AI Data Center Market, Size, Share & Trend Analysis

The global AI data center market size is projected to grow from USD 471.59 Billion in 2026 to USD 2,023.52 billion by 2032, growing

TrendForce: AI Server Market Will Keep Growing Through 2025, with ...

Additionally, AI servers are forecasted to account for over 70% of the total value of the entire server industry in 2025.

AI Server Market Research Report 2034

The AI server market was valued at \$48.6 billion in 2025 and is projected to reach \$298.4 billion by 2034, growing at a CAGR of 22.4%.

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

The market is currently experiencing explosive growth, driven by the widespread enterprise adoption of AI, the need for high-speed

AI and Semiconductors

Introduction to AI and Semiconductors A Server GPU Market The global AI and semiconductor - a server GPU market accounted for

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,

AI Server Market Size, Competitors & Forecast to 2030

The AI server market is expected to be worth USD 142.88 billion in 2024 and is estimated to reach USD 837.83 billion by 2030,

Global AI Server Demand Surge Expected to Drive 2024 Market

AI server market value is projected to reach over \$187 billion in 2024, with a growth rate of 69%, accounting for 65% of

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

Contact Us

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