

AI server shipments over 25 years



Overview

Global AI server shipments grew by 46% in 2024, driven by strong demand from CSPs and OEMs, according to TrendForce. However, multiple factors, including US chip restrictions, the DeepSeek effect, and supply chain readiness for GB200/GB300 racks, could impact AI server shipments in 2025. 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. Global server shipments are expected to grow by only around 1.9% in 2024, continuously being squeezed out by budgets for AI servers, export restrictions and geopolitics. Cloud strategies – AWS, Google, Microsoft, Meta and Oracle are expanding AI infra with varying mixes of Nvidia GPUs and in-house chips. OEM shifts. Dell Technologies (NYSE: DELL), one of the largest technology giants, delivered a strong third quarter for fiscal 2024, with earnings improving 39% to \$2.



Article Content

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

ASIC-based AI servers are projected to account for nearly 28% of shipments, reaching a multi-year peak North American CSPs' continued investments in AI infrastructure are expected 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 ...

Global AI Server Shipments Forecast to Grow Over 28

ASIC-based AI servers are projected to account for nearly 28% of shipments, reaching a multi-year peak North American CSPs' continued ...

TrendForce: AI Server Growth Faces Uncertainties in 2025

Currently, the supply chain outlook for shipments of AI servers remains stable. Under this scenario, global shipments of AI servers in 2025 are projected to grow by nearly 28% year-over-year.

Global AI server market and industry trends, 2025

Global shipments of high-end AI servers are expected to grow from 639,000 units in 2024 to 1.323 million units in 2025. US hyperscale data center operators will be the primary customers.

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 ...

See Generative AI's Impact on the AI Server Market to 2025

Global shipments of AI servers are projected to increase at a CAGR of 27.2% during 2022-2027. By 2027, AI servers are forecasted to account for around 19% of the total annual server shipments.

Dell Raises FY26 Outlook As AI Infrastructure Demand Surges

Additionally, Dell has revised its guidance for AI server shipments, now expecting \$25 billion in shipments for the year, a remarkable increase of over 150% compared to fiscal year 2025.

Geopolitical pressures are impacting AI server growth - but

Global AI server shipments are projected to rise 24.3% in 2025, slightly below forecasts due to U.S. export restrictions and geopolitics – but strong nonetheless.

AI Server Shipments and Revenue Market Data Overview: 2Q 2025

Plan ahead for key Artificial Intelligence (AI) workloads emerging in the AI data center market. Align AI server offerings with growth forecasts through 2030 broken down by server ...

Contact Us

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