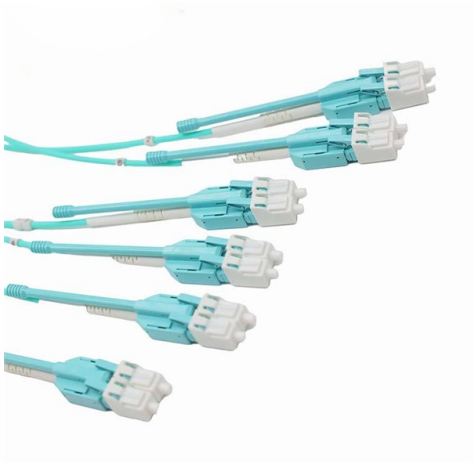
AI server shipments in the next five years



Overview

AI momentum – Global AI server shipments are projected to rise 24. 3% in 2025, slightly below forecasts due to U. 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. 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. Geopolitical tensions and US export restrictions impacting the Chinese market have led TrendForce to revise its AI server market forecast. Steady demand is also being bolstered by tier-2 data. NEEDHAM, Mass. 88 billion in 2024, at a CAGR of 34. The growth of the AI server market is driven by the increase in data traffic and need for high computing power.

Article Content

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

The rapid growth of AI inference services is boosting demand for general-purpose servers, supporting both replacement and expansion efforts. Consequently, TrendForce predicts that

Outlook for 2H25 and 2026 Global AI Server Market and Supply Chain ...

The AI server market is growing rapidly due to generative AI, driven by cloud service providers. AI server shipments are expected to continue to outpace general-purpose servers and

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Global AI Server Shipments Forecast to Maintain Double-digit Growth

With sustained demand from North American CSPs and OEM customers, global AI server shipments are projected to maintain double-digit growth in 2025.

Artificial Intelligence Infrastructure Spending to Surpass the $200Bn ...

The AI infrastructure market has sustained double-digit since 2019, driven primarily by investment in servers for AI deployments. In 1H24, servers accounted for 95% of the total spending,

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.

Global annual AI server shipments, 2024-2025

As a result, global AI server shipments are projected to reach 1.81 million units in 2025, with shipments of high-end models equipped with high bandwidth memory (HBM) surpassing one

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% YoY

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

DIGITIMES Special Report：Global AI server market and industry

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.

Server shipments to grow 6%, AI servers to rise 24.1%

Next year, the global server market is expected to grow by more than 4 percent, with the AI server segment set to expand by about 21 percent, it said.

Custom ASIC Market 2026: Why Hyperscalers Are Ditching NVIDIA

Custom ASIC shipments are projected to triple by 2027 compared to 2024 levels. By 2028, ASIC shipments will surpass GPU shipments for the first time in history. And the market enabling all of this

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Supply chain shortages delay tech sector''s AI bonanza

The KGI brokerage predicts that shipments of servers for training AI algorithms will triple next year, while Dell''Oro, a California-based tech research

Memory Pullback: The AI Bill Is Being Repriced Daily

LearnInvest (@LearnInvest2026). 193 views. □□ Memory Pullback: The AI Bill Is Being Repriced Daily · 2026-07-08 Today''s semiconductor pullback does not mean the market suddenly

Global Memory Shortage Crisis: Market Analysis and

AI servers and enterprise environments require far more memory per system than consumer devices, so the AI build-out is pulling a disproportionate

Shipments of NVIDIA''s next-generation AI server rack system

Shipments of NVIDIA''s next-generation AI server rack system, the "Kyber NVL144," are expected to be delayed by more than a year, pushing the launch to 2028, due to issues stemming from design ...

Gartner Says Electricity Demand for Data Centers to Grow 16% in

Adoption of AI-Optimized Servers to Account for 44% of Data Center Power Consumption by 2030 Electricity demand for data centers worldwide is projected to grow 16% in

AI memory is sold out, causing an unprecedented surge

Three primary memory vendors — Micron, SK Hynix and Samsung Electronics — make up nearly the entire RAM market, and they''re benefitting

PR | Omdia

US PC shipments declined 7.0% in Q1 2026, the sharpest drop since 2023, as component supply constraints and surging memory prices weighed on

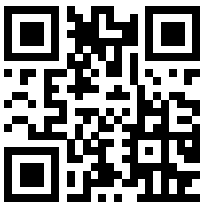
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