AI Server Demand in 2024

Overview

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Article Content

DIGITIMES Special Report Global AI server market

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Global AI Server Demand Surge Expected to Drive 2024

TrendForce''s latest industry report on AI servers reveals that high demand for advanced AI servers from major CSPs and brand clients is expected to continue in 2024. Meanwhile, TSMC,

AI Server | TrendForce

Major cloud providers are actively building AI servers, accelerating the demand for AI chips and HBM. It is estimated that advanced packaging capacity will increase by 30-40% by 2024. The global server

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

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AI server market: cloud giants to command 60% demand in 2024

Microsoft, Google, AWS, and Meta will collectively account for over 60% of global demand for high-end AI servers in 2024, according to a report from Trendforce. Microsoft will account

Global AI Server Demand Surge Expected to Drive 2024 Market

The market value of AI servers is projected to exceed $187 billion in 2024, with a growth rate of 69%, accounting for 65% of the total server market value.

Strong AI server demand to drive market value to over $18b in 2024

The projected market value of AI servers in 2024 is expected to surpass $187 billion, with a growth rate of 69 per cent, constituting 65 per cent of the total server market value.

AI Infrastructure Spending Caps Historic Year at ~$90 Billion in ...

Full-year 2025 AI infrastructure spending totaled $318 billion, more than double the $153 billion recorded in 2024. Growth was anchored by continued hyperscaler investment in the United

AI Servers Demand is Driving Tantalum Capacitor Price Hikes

Key Takeaways AI server tantalum capacitors drive rising demand, prompting KEMET to implement price adjustments for the third time in under a year. The price hikes reflect structural

AI Memory Crisis 2026: Unpacking the Global Shortage

Explore the 2026 AI memory chip shortage. Skyrocketing HBM demand strains global manufacturing capacity, triggering a cross-sector crisis. See the analysis now.

Why liquid cooling will dominate AI data centres in 2026

Goldman Sachs forecasts that liquid-cooled AI servers will increase from 15% in 2024 to 54% in 2025, rising to 76% in 2026, driven largely by

Memory Market Outlook: AI Demand and Tight Supply Drive Resurgence

Explore the 2025 Memory Market Outlook, highlighting AI-driven demand, supply constraints, and projected growth across DRAM and NAND markets. Discover trends shaping future

AI Server Market Size, Share, Global Trends Report

AI Server Market Summary 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

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Global Server Shipments Expected to Increase by 2.05% in 2024, with AI ...

Global server shipments are estimated to reach approximately. 13.654 million units in 2024, an increase of about 2.05% YoY. Meanwhile, the market continues to focus on the deployment

DRAM prices predicted to jump 63% in Q2, NAND up to 75% —

The server segment is driving demand in this market, with North American cloud providers ramping AI inference infrastructure and buying up high-capacity RDIMMs in volume, TrendForce said.

Foxconn''s ODM direct business to soar in 2024 on AI server demand

Fueled by soaring demand for AI-optimized servers from major US cloud providers, Foxconn''s ODM direct business will achieve astronomical growth in 2024, securing the top spot in

NVIDIA AI GPU Prices: H100 ($27K-$40K) & H200 ($315K/8-GPU)

NVIDIA H100 costs $25K-$40K, B200 $30K-$50K, DGX B300 $300-350K. Compare H100, H200, B200, B300 purchase vs. cloud rental costs with full 2026 pricing breakdown.

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