

Global Shipments of AI Servers

Article Overview

Global AI server shipments are projected to grow over 28% year-on-year in 2026, driven by hyperscaler investments, enterprise adoption, and rising demand for GPU- and ASIC-based systems.

Market Growth and Forecasts

Global AI server shipments are expected to surge by more than 28% YoY in 2026, significantly outpacing the overall server market, which is projected to grow 12.8% YoY . The AI server market is poised to expand from USD 50.05 billion in 2026 to USD 558.89 billion by 2035, reflecting a CAGR of 27.6% . This growth is fueled by the increasing adoption of AI workloads, generative AI, large language models, and real-time inference applications .

Regional Distribution

North America remains the largest market, accounting for approximately 37% of global AI server shipments, driven by major cloud service providers (CSPs) such as Google, AWS, Meta, Microsoft, and Oracle . The Asia-Pacific region is the fastest-growing market, supported by rapid digitization, industrial automation, and government AI initiatives in China, Japan, South Korea, and India . European and sovereign cloud projects also contribute to shipment growth, particularly for specialized AI and edge deployments .

Hardware and Technology Trends...

Article Content

May 16, 2026

Strong Demand from CSPs and Sovereign Cloud to Drive Over 20

TrendForce's latest analysis of the AI server market shows that demand from CSPs and sovereign cloud deployments

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Global AI server market and industry trends, 2025

DIGITIMES believes that the global high-end AI server market will evolve towards greater diversification. Global

Apr 01, 2026

AI Server Growth in 2025 Faces Uncertainties, DeepSeek Effect to

TrendForce's latest investigations reveal that global AI server shipments grew by 46% in 2024, driven by strong

Jun 20, 2026

60+ AI Compute Demand Stats (2026) Spend, Servers, Power

Latest AI compute demand stats on spending, AI servers, HBM and packaging constraints, data center capex and

Nov 17, 2025

Energy demand from AI - Energy and AI - Analysis

However, in the wider context, a 3% share in 2030 means that data centre share in global electricity demand remains limited.

Aug 07, 2025

Global Server Shipments for 2024 Projected to Undergo Constrained ...

The global server market, grappling with the impact of worldwide inflation, saw significant shifts in 2023. Server OEMs

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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

Oct 22, 2025

DIGITIMES Research

Server & HPC Insight into AI infrastructure, data centers, accelerated computing, and high-performance computing technologies.

Nov 22, 2025

Shipments of AI Servers Will Climb at CAGR of 10.8% from 2022 to

TrendForce estimates that in 2022, AI servers that are equipped with general-purpose GPUs (GPGPUs) accounted for

Jan 01, 2026

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

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Shipments of AI Servers Will Climb at CAGR of 10.8% from 2022 to

Furthermore, shipments of AI servers are forecasted to increase at a CAGR of 10.8% from 2022 to 2026. TrendForce

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Global AI Server Shipments Forecasted to Increase 40% in 2023 amid ...

TrendForce predicts a dramatic surge in AI server shipments for 2023, with an estimated 1.2 million units—outfitted

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AI Server Market Size & Share, Statistics Report 2025-2034

A comprehensive report by Global Market Insights Inc. projects the global AI server market was valued at USD 128 billion in 2024.

Feb 28, 2026

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

Jun 03, 2026

Servers Market Insights

The server market continues to be shaped by two distinct but interrelated dynamics: relentless AI infrastructure

Mar 10, 2026

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

Apr 25, 2026

Geopolitical Tensions and US Export Restrictions

However, geopolitical tensions and US export restrictions impacting the Chinese market have

Dec 06, 2025

Global AI Server Demand Surge Expected to Drive 2024 ...

The share of AI servers in total server shipments is expected to reach 12.2% for an increase of about 3.4 percentage

Sep 29, 2025

AI Server Market Size, Vendor Shares, and Investment Drivers

What is the global AI server market share by vendor? Dell has the largest market share for AI servers, accounting for

May 08, 2026

AI Server Shipments to Grow 28% in 2026 — TrendForce Forecast

Analytics firm TrendForce forecasts global AI server shipments will grow 28.3% in 2026. The share of ASIC-based

Aug 09, 2025

Global annual AI server shipments, 2024-2025

Global AI server shipments are expected to reach 1.81 million units in 2025, with high-end models no longer

Jan 07, 2026

AI Server Market Size, Share, Global Trends Report

AI Server Market Trends The AI Server Market is currently experiencing a transformative phase, driven by the

Sep 07, 2025

AI Server Shipments Skyrocket by 28% Worldwide in 2026, According

Global shipments of AI servers are projected to increase significantly by 2026, driven by rising inference workloads,

May 15, 2026

AI Server | TrendForce

Major cloud providers are actively building AI servers, accelerating the demand for AI chips and HBM. It is

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