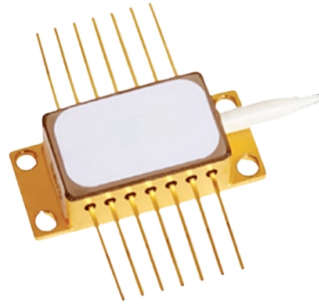


Increased Demand for AI Servers



Overview

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. 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. As a result, global AI server. AI compute is no longer a niche line item. It is a core infrastructure constraint that can set your delivery timelines. The market is expected to grow from USD 167. 56 trillion in 2034, at a CAGR of 28. How quickly they grasp them could determine the pace at which AI is deployed.



Article Content

Samsung Q2 2026 Operating Profit Jumps 19-Fold as AI Chip Demand

Demand for memory used in AI servers and data centers has increased as major technology companies continue expanding computing infrastructure. Yonhap News Agency also reported the

Explainer: The RAMpocalypse is making memory,

G.Skill blamed "unprecedented high demand from the AI industry" for increased memory prices and said, "G.Skill's pricing reflect industry-wide

AI Server Market report 2024-2030 [314 Pages & 252

The AI server market is experiencing rapid expansion, driven by rising demand from cloud providers to support hyperscale environments and generative AI

Global AI Server Shipments Forecast to Grow Over

North American CSPs' continued investments in AI infrastructure are expected to increase global AI server shipments by more than 28% YoY in 2026,

2026 AI Server Market Trends: Driving DRAM and NAND Flash Price

Key Highlights Clear uptrend in 2026 with tighter DRAM supply and broad-based price increases, driven by CSPs accelerating data center expansion for AI workloads, boosting global

AI Server Market Size to Reach USD 417.52 Billion by 2035

The increased demand for AI applications, improvements in the technology of AI, the evolution of cloud and edge computing, and big data analysis together with cost-efficient solutions

AI Server Demand Continues to Support Memory Prices in 3Q26, but

Memory suppliers continue to prioritize capacity allocation toward higher-margin AI and server products, limiting the volume of wafers released to the open market. However, wafer demand

MLCC Prices Are Expected to Rebound Due to Rising

According to the latest investigation by global market intelligence firm TrendForce, strong demand for AI chips has tightened the supply of high-end

AI Server Market Report: Size, Growth, Trends

The global AI Server Market is undergoing a monumental expansion, fundamentally driven by the explosion of Generative AI (GenAI) and Large Language Models

Global AI Server Shipments Forecast to Grow Over

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

Dell, HPE reap revenue gains from AI server demand surge

Dell and Hewlett Packard Enterprise got revenue boosts from growing enterprise demand for AI-optimized servers despite the economic uncertainty raised by U.S. tariffs in the first half of the year,

Dell Analyst Bullish On PC Maker's FY26 AI Server

Morgan Stanley said Dell is Wistron's major GB200 partner and therefore, the increased Wistron rack shipment forecast bodes well for the

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

Here we have compiled 60+ latest AI compute demand statistics on spending, server growth, supply constraints, data center capex and electricity

Dell Raises FY26 Outlook As AI Infrastructure Demand

Dell delivered strong 3Q results driven by AI infrastructure demand and has updated its revenue, EPS and AI server shipment guidance upwards.

Gartner Forecasts Worldwide Semiconductor Revenue

Global semiconductor revenue is projected to exceed \$1.3 trillion in 2026, exhibiting the highest growth in the last two decades, according to Gartner,

AI data center growth: Meeting the demand | McKinsey

Soaring demand for AI data centers has ushered in a new area of growth. We explore these new opportunities for companies and investors across the value chain.

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

Manufacturers of high-performance AI servers are not only experiencing significantly increased demand now, but they are also rushing to deploy robots and other autonomous systems into their product to

China's tungsten export controls and AI chip demand ...

AI chip production is increasing demand for electronic specialty gases, especially etching gases used in advanced logic chips, HBM, and 3D NAND. China's tungsten export controls have

2 AI Stocks Riding a Server Boom That's

2 AI Stocks Riding a Server Boom That's Accelerating Faster Than Anyone Expected
Micron and Intel will benefit from soaring demand for servers.

Google's \$85 billion capital spend spurred by cloud, AI demand

The increased forecast comes as demand for cloud services surges across the tech industry as AI services increase in popularity.

Dell expects AI server revenue to double in fiscal 2027

Dell said it expects revenue from its key artificial intelligence-optimized servers business to double in fiscal year 2027 and promised to return

RAM Shortage 2025: How AI Demand is Raising DRAM

An analysis of the 2025 RAM shortage. Learn how massive AI demand for HBM is straining the DRAM supply, leading to surging prices for PC, gaming,

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 will remain robust through 2026. This momentum will fuel stronger pull

AI Demand for High-End MLCCs Drives Japan and Korea Suppliers"

TrendForce's latest MLCC industry research indicates that accelerating AI server platform upgrades and the continued volume growth of custom ASICs developed by CSPs have significantly

The growing demand for AI computing | Deloitte Insights

As organizations continue to accelerate their artificial intelligence capabilities, data center strategies are evolving rapidly to keep up with the

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