

## AI Servers in the Next 30 Years



### Overview

AI-optimized server market spending is projected to reach \$268 billion in 2025, up from \$140 billion in 2024. Hyperscalers will account for 67% of this spending by 2029. The focus on AI capacity is outweighing impacts from tariffs or the geopolitical uncertainty that other. North America held a 38.2% revenue share of the global AI server industry in 2025. By processor, the GPU-based servers segment held the largest revenue share of 53.88 billion in 2024, at a CAGR of 34. The North America AI server market accounted. The compute server market is set to undergo significant growth driven by the increasing demand for accelerated servers to support AI applications. I need the full data tables, segment breakdown, and competitive landscape for detailed regional analysis and. With GPUs standardized around Nvidia, vendors compete on AIOps, liquid cooling, and deployment services as enterprises ramp up inference in 2026.



## Article Content

Amazon's race to "future-proof" AI data centers for power-hungry new

Amazon plans \$200 billion in capex this year. A chunk of that is being spent on AI data centers. Titus is a plan to "future proof" these facilities.

Nvidia Corp's GB300 platform to lead AI servers for this

Nvidia Corp's GB300 platform is expected to account for 70 to 80 percent of global artificial intelligence (AI) server rack shipments this year, while

Artificial Intelligence Infrastructure Spending to Surpass

The AI infrastructure market has sustained double-digit since 2019, driven primarily by investment in servers for AI deployments. In 1H24, servers

Dell bets on rising AI server demand to forecast higher

Dell forecast fourth-quarter revenue and profit above Wall Street estimates on Tuesday, as increasing investments in data centers to support

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Apple plans to mass-produce its first AI server chips in 2026

In a nutshell: Apple is preparing to shift more of its AI operations in-house, with plans to begin mass production of its first AI server chips in the second half of 2026.

Apple Plans \$500B Investment in US, Including AI

Apple announced plans to spend more than \$500 billion in the U.S. over the next four years on a swath of investments, including hiring 20,000 new

Gartner Says Worldwide AI Spending Will Total \$2.5 Trillion in 2026

Worldwide spending on AI is forecast to total \$2.52 trillion in 2026, a 44% increase year-over-year, according to Gartner, Inc. a business and technology insights company.

AWS bets on liquid cooling for its AI servers | TechCrunch

The most important of these is that AWS will soon start using liquid cooling for its AI servers and other machines, regardless of whether those are

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. Electricity consumption in accelerated

## OneUptime | The Open-Source Observability Platform

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Nvidia aims to build \$500 billion worth of AI servers in

In a bid to avoid massive import tariffs on expensive AI hardware expected to be imposed by the Trump administration, Nvidia has teamed up with

## Global AI Server Shipments Forecast to Grow Over 28

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

## AI Servers Market Size, Share & Trend 2035

The report analyzes different market portions; counting AI information servers, AI preparing servers, and AI deduction servers, alongside their applications over BFSI, IT & telecom,

## AI-Driven Growth: The Future of Compute Servers

Discover the future of compute servers in our latest report, exploring AI-driven growth and the rise of accelerated servers. Gain insights into market

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

## NVIDIA GTC 2026: Live Updates on What's Next in AI

Rolling coverage from San Jose, including NVIDIA CEO Jensen Huang's keynote, news highlights, live demos and

## 2026 Market Outlook: SK hynix's HBM to Fuel AI Memory Boom

In its 2026 semiconductor market outlook, SK hynix forecasts that demand for its HBM3E and HBM4 products will fuel the AI memory supercycle.

## AI Server Market Update: Vendors Shift from Silicon to Services

AI Server Market Update: Vendors Shift from Silicon to Services Dell, HPE, Lenovo, and Supermicro are riding record AI server demand, but winning enterprise customers requires more

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## Forecast: AI-Optimized Servers, 2023-2029, Worldwide, 2Q25 Update

AI-optimized server market spending is projected to reach \$268 billion in 2025, up from \$140 billion in 2024. Hyperscalers will account for 67% of this spending by 2029. The focus on AI

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David McNew via Getty Images Welcome to Channel Dive. We're Informa TechTarget's new publication, focused on delivering daily news and

## AI Server Market Size And Share | Industry Report, 2033

As these technologies progress from pilot phases to real-world deployment, the infrastructure to support real-time data processing and AI model training is

Apple's new AI server chips are reportedly coming this year

Per Ming-Chi Kuo, Apple appears set to start mass-producing its new in-house AI server chips as soon as this year.

## US Stocks Are Forecast to Rise 6% in 2026

US stocks are expected to hit fresh record highs in the months ahead, according to Goldman Sachs Research, powered by ongoing growth in corporate earnings. What is the outlook for

Research, News, and Perspectives | Trend Micro (US)

Targeting multiple industries worldwide, the InstallFix campaign uses fake Claude AI installer pages to trick users into running malware that collects system information, disables security

CoreWeave opens at \$39 after biggest U.S. tech IPO since 2021

CoreWeave received the most proceeds from a U.S. technology IPO since automation software maker UiPath went public in 2021.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://pvprojekt.com.pl>

Email: [contact@pvprojekt.com.pl](mailto:contact@pvprojekt.com.pl)

Phone: +48 512 897 346

Address: ul. Tęczowa 17, 61-001 Poznań, Greater Poland Voivodeship, Poland

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