

The Demand for Servers in the AI Era





Overview

AI-optimized server market spending is projected to reach \$268 billion in 2025, up from \$140 billion in 2024. The focus on AI capacity is outweighing impacts from tariffs or the geopolitical uncertainty that other markets. Cloud computing and hyperscale data center expansion are driving the market growth. Thomas has extensive experience partnering with senior executives to enable business outcomes by shaping and implementing large-scale. This surge is driven by rising demand for AI applications, advancements in AI technology, cloud and edge computing expansion, and big data analytics. Servers are the backbone of the IT infrastructure of many enterprises, including cloud providers that power countless businesses.



The Demand for Servers in the AI Era

How the Demand for Servers Is Changing Amid the Rise

Discover how the demand for servers is changing in the era of AI. Learn about the decline in server sales and the impact of AI on server demand.

Intel expects AI inference to drive demand for its CPUs

Intel is betting on AI to reverse its fortunes, wagering that inference and agentic workloads will restore the CPU to the center of compute - even as its chip manufacturing struggles



The growing demand for AI computing , Deloitte Insights

New analysis from Deloitte explores projected growth of AI computing infrastructure demand and strategies for agile solutions in the evolving AI era.

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget. The page you are looking for may no longer exist.

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

Arm expands compute platform to silicon products in historic company

Arm Holdings plc (NASDAQ: ARM) are extending its platform into production silicon products, beginning with the launch of the Arm AGI CPU for AI data centers.

How Much Data Center Revenue Do AI Companies

Its AI data center revenue comes from, among other things, its hardware: Power servers and Z-series mainframes. Z mainframe revenue was up



Samsung Beats High Estimates as AI Chip Demand Surges

Samsung reported record profits driven by AI chip demand, defying geopolitical concerns and signaling continued growth in AI infrastructure.

AI Server Market Size And Share , Industry Report, 2033

The global AI server market size was estimated at USD 131.65 billion in 2025 and is projected to reach USD 598.12 billion by 2033, growing at a CAGR of 21.2% from

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 capacity is

\$INTC Summary of Intel CFO David Zinsner fireside chat at Morgan

Server CPU market growth in 2026: Zinsner highlighted that the server CPU market is expected to "grow meaningfully" in 2026, driven by strong demand in AI, hyperscale, enterprise data

The 1 Energy Stock You Should Be Buying for the \$700 Billion AI

The market has a funny way of chasing what's visible while missing what actually powers it. Everyone is focused on AI chips, software, and trillion-dollar tech giants. But here's the question



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.

Samsung & SK Hynix Accelerate Production Schedules Amid

If Samsung's new Pyeongtaek fab and SK Hynix's Yongin Fab 1 begin early operations, next year's output is expected to increase further. Supply Failing to Keep Up with Demand The

Announcing Arm AGI CPU: The silicon foundation for



Arm introduces the Arm AGI CPU to power agentic AI infrastructure with rack-scale performance, efficiency and scalable compute for next-generation data centers.

Foxconn Reports Strong Profit Growth as AI Server Demand Powers

Executives at Foxconn stated that demand for AI servers is expected to remain strong throughout 2026 despite broader economic and geopolitical challenges. The company maintained its

Murata to Raise Prices on High-End MLCCs

MuRata plans to raise prices on high-end MLCCs as AI server demand surges, with supply tight, production near full capacity, and high-end units in short supply.



Global Dram And Nand Market Outlook 2025-2026: Ai

Driven by AI adoption, DRAM and NAND flash markets face supply shortages. Micron, SanDisk, Samsung, and SK Hynix lead price hikes, boosting

2026 Agentic AI Wave: CPU Shortage and GPU Ratio Structural

The goal is to clarify CPU demand drivers in the era of rapidly growing Agentic AI, competitive dynamics among vendors, as well as newly emerging potential opportunities. Key

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

Taiwan AI Server Makers Post Record August Sales Amid NVDA

Taiwan's leading AI server manufacturers achieved record-breaking sales in August 2025, driven by explosive demand for Nvidia's latest Blackwell-based AI servers from major tech companies worldwide.

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 Servers Market Growth Analysis

The adoption of AI servers is on the rise, driven by the increasing demand for data-driven decision-making and the need for real-time processing of large data sets.

Foxconn's Apple era fades as AI servers drive growth in

TAIPEI (Reuters) -Taiwan's Foxconn, which rose to become a global tech manufacturing juggernaut by assembling millions of iPhones, can now say

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