

Investment in AI computing servers



Overview

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 States, accelerated server adoption, and the early expansion of sovereign AI programs across. Worldwide spending on artificial intelligence (AI) infrastructure reached \$89.9 billion in Q4 2025, a 62% year-over-year increase from Q4 2024, closing a record year. Growth was. Many incumbents developed their processes serving utilities and other regulated industries with long planning cycles and predictable demand—an approach now misaligned with the speed and scale required in today's data center market. The market is expected to grow from USD 167. On a recent earnings call, Nvidia CEO Jensen Huang estimated that between \$3 trillion and \$4. The global AI server market size was valued at USD 194. 73% during the forecast period.



Article Content

Surging AI Demand Drives Global Cloud Providers to Boost CapEx to

In 2025, Alphabet plans to invest \$85 billion, up from \$75 billion previously announced, to meet the growing demand for AI and cloud computing capabilities.

Nvidia to invest \$1.5 billion in Israel's largest-ever server

Nvidia is expected to invest separately in the computing equipment, bringing the total investment to approximately NIS 4.84 billion (\$1.5 billion). Nvidia

Major Chinese telecom companies slow infrastructure

China's three major telecommunications companies announced plans to target cloud computing power and Artificial Intelligence (AI).

The \$7 trillion race for AI data center infrastructure | McKinsey

We explore how the global demand for AI data center infrastructure is fueling a \$7 trillion race to power the future of artificial intelligence.

AI to drive 165% increase in data center power demand

At present, Goldman Sachs Research estimates the power usage by the global data center market to be around 55 gigawatts (GW). This is comprised

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

Apple will spend more than \$500 billion in the U.S. over

Previously manufactured outside the U.S., the servers that will soon be assembled in Houston play a key role in powering Apple Intelligence, and are

AI drives IC price hikes, lifts China chip exports 83.7% in April

Global investment in AI computing power is continuing to boost semiconductor demand, and China's chip exports are surging in tandem. Data from China's General Administration of

Global AI Infrastructure Market to Reach \$758 bn by

IDC expects accelerated servers to represent over 95 percent of all AI infrastructure spending by 2029, expanding at a 42 percent five-year CAGR.

Foxconn pulls ahead of Quanta and Wistron in Nvidia AI

Foxconn has jumped out to a significant early lead over rivals Quanta Computer and Wistron in the high-stakes race to build Nvidia's next-generation AI

AI Infrastructure 2025: Cloud Giants & Enterprise Playbook

Cloud Giants' Investment in AI Infrastructure The global AI wave is accelerating the development of AI infrastructure. Microsoft, Alphabet (Google),

Microsoft, OpenAI plan \$100 billion data-center project,

Microsoft and OpenAI are working on plans for a data center project that could cost as much as \$100 billion and include an artificial intelligence

Why AI Companies May Invest More than \$500 Billion in

AI hyperscaler capex would need to reach \$700 billion in 2026 to be in line with the peak of spending during the late 1990s telecom investment cycle.

AI Infrastructure in 2025: Balancing Datacenter and Cloud Investments

As AI adoption grows, datacenter, cloud infrastructure, and operations teams will need support new standalone and embedded AI workloads, each with its own computing and data management

AI Server Market Size, Share, Growth Report, 2034

Growing demand for scalable and energy-efficient computing environments continues to shape the AI Server Market Outlook, positioning AI servers as a foundational element of digital

AI Data Center Market Report 2026

Deploying AI data centers requires substantial capital investment in GPU-based compute servers, high-speed networking switches, advanced cooling

AI Server Market Size, Vendor Shares, and Investment

ABI research's latest report evaluates the surging AI server market. It forecasts market size through 2030, reveals vendor shares, and identifies key

The billion-dollar infrastructure deals powering the AI boom

Below, we've laid out everything we know about the biggest AI infrastructure projects, including major spending from Meta, Oracle, Microsoft,

Microsoft Invests \$80B in Cloud and AI Infrastructure

Microsoft announces \$80B in CapEx for 2025 focused on Azure cloud, AI infrastructure, global data center expansion, and sustainable computing.

100+ Cloud Computing Statistics: A 2026 Market Snapshot

100+ Cloud Computing Statistics: A 2026 Market Snapshot Discover 90+ of the latest cloud statistics, including stats around forecasts, cloud waste,

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

AI infrastructure spending hit \$89.9B in Q4 2025, signaling a shift to long-term investment as the market races toward \$1 trillion by 2029.

Microsoft announces A\$5 billion investment in

Microsoft will invest A\$5 billion in expanding its hyperscale cloud computing and AI infrastructure in Australia over the next two years - the single

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

Higher usage limits for Claude and a compute deal with SpaceX

We've raised Claude's usage limits and agreed a new compute partnership with SpaceX that will substantially increase our capacity in the near term.

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.

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