

# Global AI Server Growth Data



## Overview

The global AI server market was valued at \$48.4 billion by 2024, expanding at a compound annual growth rate (CAGR) of 22.4% during the forecast period from 2026 to 2034, driven by accelerating enterprise adoption of generative. Market Size by Server, by Hardware, by Cooling Technology, by Deployment, by Application, by End Use. Cloud computing and hyperscale data center expansion are driving the market growth. 2% revenue. AI Server Market Size, Share and Trends Analysis Report By Processor Type (GPUs, CPUs, FPGAs, ASICs), By Form Factor (Rack-Mounted Servers, Blade Servers, Tower Servers, Microservers), By Deployment Model (On-Premises, Cloud, Hybrid), Memory Capacity (Up to 512GB, Up to 1TB, Up to 2TB, Over 2TB). The global AI Servers Market is poised for significant growth, starting at USD 50.



## Article Content

### Energy and AI - Analysis

The development and uptake of artificial intelligence (AI) has accelerated in recent years - elevating the question of what widespread

Enterprise tech spending to cross \$6 trillion in 2026,

Global IT spending will grow 10.8% to reach \$6.15 trillion in 2026, Gartner said in its latest forecast, with AI infrastructure accounting for the lion's

### AI Server Market Report: Size, Growth, Trends

The global AI Server Market is poised for significant growth, driven by the expanding adoption of machine learning, deep learning, and generative AI

### AI Server Market Size, Share, Growth Report, 2034

**AI Server Market Overview** The global AI server market size was valued at USD 194.62 billion in 2025. The market is projected to grow from USD 262.22 billion in 2026 to USD 2847.32

### 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

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

This transition is expanding demand for high-performance, scalable AI infrastructure, creating strong growth pockets for specialized AI servers and

### AI Server Market Size to Reach USD 352.28 Billion by

The global AI server market is projected to grow from USD 39.23 billion in 2025 to USD 352.28 billion by 2034, at a remarkable CAGR of 27.62%.

### Q1 2026 Global Outlook | Barclays Investment

What's powering global growth in 2026? Our Q1 Outlook breaks down the AI boom, China's tech push, and Europe's

### Gartner Forecasts Worldwide Semiconductor Revenue to Exceed \$1.3 ...

Global semiconductor revenue is projected to exceed \$1.3 trillion in 2026, exhibiting the highest growth in the last two decades, according to Gartner, Inc., a business and technology

### AI Apps Market Size, Share & Trends | Industry Report,

**AI Apps Market Summary** The global AI apps market size was estimated at USD 2,940.0 million in 2024 and is projected to reach USD 26,362.4 million by 2030,

Global AI spending to approach \$1.5 trillion this year:

**Dive Brief:** The AI market will grow almost 50% year over year to nearly \$1.5 trillion in 2025, fueled by an ongoing cloud data center building

**AI Agents Market Size Report 2026, Growth, Analysis**

**AI Agents Market Overview** • AI Agents market size has reached to \$8.29 billion in 2025 • Expected to grow to \$53.2 billion in 2030 at a compound annual growth

**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.

**AI Server Market Research Report 2034**

The global AI server market was valued at \$48.6 billion in 2025 and is projected to reach \$298.4 billion by 2034, expanding at a compound annual growth rate (CAGR) of 22.4% during the forecast period

Three-quarters of AI's economic gains are being captured by ...

The research shows that these top-performing companies are not simply deploying more AI tools. Instead, they are using AI as a catalyst for growth and business reinvention, particularly by

**Charted: The Battle for AI Data Center Revenue (2021–2025)**

**Key Takeaways** Data-center spending shifted after the release of ChatGPT, with Nvidia growing from 25% to 86% of the market share since 2021. Intel fell from 68% to 6% after server-CPU

**AI Server Market Size, Share, Global Trends Report**

As businesses seek to leverage AI for data analysis, machine learning, and automation, the AI Server Market is poised for substantial growth.

**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

**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%

**AI server tracker: ASPEED sees sustained growth as AI server**

ASPEED Technology has continued to show strong revenue momentum in recent years, supported by structural changes in global data center infrastructure and the rapid expansion of AI

#### Chart: The AI Market Is Poised for Explosive Growth

This chart shows global AI market size forecasts from 2025 to 2030, by segment (in billion U.S. dollars).

AI has an environmental problem. Here's what the

The sprawling data centres that house AI servers churn out toxic electronic waste and are voracious consumers of electricity, which in most

Data centres will use twice as much energy by 2030 —

NEWS 10 April 2025 Data centres will use twice as much energy by 2030 — driven by AI These facilities accounted for roughly 1.5% of global electricity

IEA Study Sees AI, Cryptocurrency Doubling Data

How AI, Cryptocurrencies Will Tighten the Data Center Energy Crunch Looking into how AI and cryptocurrencies, hosted inside data centers,

AI Datacenter Liquid Cooling Market | Global Market

AI Datacenter Liquid Cooling Market is segmented by Cooling Technology (Direct-to-chip liquid cooling, Immersion cooling, Rear-door heat

AI Servers Market Size, Share & Trend 2035

Market Size and Growth: The global ai servers market growth, starting at USD 50.05 Billion in 2026 and projected to reach USD 558.89 Billion by 2035 with a CAGR of 27.6% from 2026

Artificial Intelligence (AI) Services & Solutions | Accenture

Accenture offers data & artificial intelligence (AI) consulting services & solutions enabling clients to reinvent what's possible with AI for enterprises. Learn more.

AI Statistics 2024-2025: Global Trends, Market Growth

Discover the latest AI statistics on global adoption, market size, investment, job impact, and generative AI usage. Trusted by founders, analysts,

## Contact Us

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