

AI servers in various countries



AI Overview

The United States leads globally in AI server infrastructure, followed by China, with Europe, the Middle East, and Asia hosting significant but smaller AI compute footprints. Global AI Server Distribution The United States dominates AI infrastructure with 580 AI facilities, driven by hyperscaler investments from AWS, Google, and Microsoft, and holds 50% of global AI compute power with a total capacity of 19.8 gigawatts. China has the largest number of AI clusters at 230–390 facilities, reflecting aggressive state-backed expansion, though its total compute power is constrained by trade restrictions and hardware availability. In Europe, the UK and Germany lead with 152 and 128 AI facilities respectively, benefiting from favorable energy and regulatory environments. France ranks second globally in AI chip availability, surpassing China, India, and South Korea. Other European countries host smaller but strategically important AI compute resources. Asia-Pacific countries like Singapore (44 facilities for 3.5 million workers) and South Korea have dense AI infrastructure relative to population, while India is emerging as a significant AI compute hub. The Middle East, including the UAE and Saudi Arabia, ranks highly in AI compute capacity despite fewer clusters. Publicly Exposed AI Servers Research has identified over 175,000 publicly exposed Ollama AI servers across 130 countries, with the largest footprints in the U.S., Germany, France, South Korea, India, Russia, Singapore, Brazil, and the U.K. These servers often support tool-calling capabilities, enabling LLMs to interact with external systems and APIs. Market Trends The global AI server market was valued at \$39.97 billion in 2024 and is projected to reach \$113.96 billion by 2031, growing at a CAGR of 16.4%. Technological trends include liquid cooling, increased GPU availability, and expansion of both cloud and local AI server deployments. Traditional server manufacturers and new entrants are driving innovation, while supply chain and raw material challenges remain. Cloud AI Comput...

Article Content

From Foxconn to Nvidia: Why France is so attractive for Europe's AI ...

Foxconn, Nvidia and Mistral AI announce major AI infrastructure deals at Europe's VivaTech conference, with France's cheap nuclear energy and homegrown talent drawing global

AI Data Center Locations: Map of the World's

Artificial intelligence developers are racing to build the biggest and most powerful Nvidia server chip clusters to win in AI. Below, we mapped over 20 of the biggest

The geography of AI compute: Mapping what is

Countries count AI compute infrastructure as a strategic asset without systematically tracking its distribution, availability and access. A new OECD

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

The A.I. Race Is Splitting the World Into Haves and

As countries race to power artificial intelligence, a yawning gap is opening around the world.

AI Servers

This report aims to provide a comprehensive presentation of the global market for AI Servers, focusing on the total sales volume, sales revenue, price, key companies market share and

AI infrastructure: Top six locations

Countries that combine reliable infrastructure with clean energy and supportive policies are best positioned to meet the complex demands of AI.

ROHM's 800VDC Architecture Solutions for AI Servers

For AI server systems requiring both higher power and efficiency, SiC is particularly well-suited for 800VDC systems due to its 1200V high-voltage capabilities. ROHM provides a complete range of

Where Are Most AI Data Centers Located?

AI data centers are strategically located in regions around the world to support the growing demand for cloud hosting and server resources needed for AI workloads. From North America and Europe to

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Top 10 AI Nations: Global AI Superpowers Ranked In

Here are the top 10 nations by AI compute and datacenters. The global AI superpowers include the U.S. and China, but also some very surprising

Global AI Compute Centers 2025 | FTC

Explore the global distribution of AI compute centers, the reasons behind regional disparities, and their implications for technology, economy, and digital sovereignty.

Global AI Server DrMos Power Chip Market Insights, Forecast to 2030

This report researches the key producers of AI Server DrMos Power Chip, also provides the consumption of main regions and countries. of the upcoming market potential for AI Server DrMos

AI Server Market Size & Share, Statistics Report 2025

AI Server Market Size A comprehensive report by Global Market Insights Inc. projects the global AI server market was valued at USD 128 billion in 2024. The

Cumulative number of large-scale AI systems by country

Notes on our processing step for this indicator The number of large-scale AI systems by country is determined by tallying the number of machine

A Global Shift in AI Computing Infrastructure: Ranking Countries by ...

The global AI computing resources are concentrated in the US and China, hosting 50 of the world's 132 AI accelerator-enabled cloud regions. Countries are investing in local AI

The geography of AI compute: Mapping what is

These findings are the first systematic mapping of the physical locations of public cloud AI compute, offering valuable insights into the global

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Artificial Intelligence (AI) Servers

This report aims to provide a comprehensive presentation of the global market for Artificial Intelligence (AI) Servers, focusing on the total sales volume, sales revenue, price, key

Top Countries for AI Data Centers and Hyperscalers

Discover which countries lead AI data centers, including Thailand and Bangkok's growing hyperscaler role in global digital infrastructure. Artificial

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AI data center

An AI data center is a specialized data center facility designed for the computationally intensive tasks of training and running artificial intelligence (AI)

Global Divide: Only 32 Countries Host AI Data Centers

Only 32 countries have AI data centers, creating a global tech divide. The US and China dominate, while Africa and South America fall behind in the AI revolution.

Where Are AI Data Centers Located? Exploring Key Global Markets

When asking where are AI data centers located, explore top regions like the U.S., Europe, and Asia leading in AI infrastructure growth.

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