

AI Server Computing Power Ranking



Overview

While China leads the world with 230 AI clusters, the United States leads with 50% of global compute power for AI, according to a new report on global AI superpowers by TRG Datacenters. Artificial Intelligence (AI) server manufacturers have experienced surging demand as data center operators require significantly more computing power than before the advent of ChatGPT and other Generative Artificial Intelligence (Gen AI) tools. In second and third place for AI compute, perhaps less obvious candidates: the United Arab Emirates and Saudi. Here, we evaluate the components based on their AI processing power, measured in TOPS (Tera Operations Per Second) – a critical metric indicating the computational throughput, particularly for AI tasks. The first column shows peak performance for INT8/FP8 precision, which is the most widespread. The 25 Hottest AI Companies For Data Center And Edge: The 2025 CRN AI 100 For these 25 companies, AI innovation is the name of the game when it comes to the data center, PC and edge computing markets. AI-powered hardware, software, and new agents, features and capabilities are helping enterprises. The world's leading tech companies—Google, Microsoft, Meta, and Amazon—own AI computing power equivalent to hundreds of thousands of NVIDIA H100s. This compute is used both for their in-house AI development and for cloud customers, including many top AI labs such as OpenAI and Anthropic.



Article Content

Dell partners with Nvidia to help deliver AI computing

Dell Technologies is integrating advanced Nvidia hardware into its servers to provide enterprises with the power to drive artificial intelligence

Microsoft Research – Emerging Technology, Computer,

Microsoft Research conducts fundamental science and technology research across a spectrum of research areas. With labs around the globe we pursue

Top 10: AI Cloud Companies | Data Centre Magazine

This week Data Centre Magazine explores the top 10 companies defining the future of enterprise technology and reshaping how organisations

Cloud Computing, Security, Content Delivery (CDN)

Akamai is the cybersecurity and cloud computing company that powers and protects business online.

Statista

Apple Mac processors The x86 processor is the predominant hardware platform for laptops, desktops, and servers globally.

The 25 Hottest AI Companies For Data Center

As part of CRN's AI 100, here are the 25 AI companies that are driving AI innovation in the data center and at edge.

AI PC and AI Server Market Landscape

TBR Spotlight Report: AI PC and AI Server Market Landscape follows market trends in AI-enabled PCs and servers. This includes tracking the performance of leading AI PC and AI server

U.S. | Let There Be Change | Accenture

Across industries and around the world, we're creating better experiences for people using emerging technologies and human ingenuity. Together, we can reinvent anything.

The 25 Hottest AI Companies For Data Center And Edge: The 2025 ...

As part of CRN's AI 100, here are the 25 AI companies that are driving AI innovation in the data center and at edge.

Customer Success Stories | Microsoft

Explore customer success stories to learn how businesses are overcoming challenges, driving innovation, and achieving more with

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

Leading AI companies have hundreds of thousands of

The world's leading tech companies—Google, Microsoft, Meta, and Amazon—own AI computing power equivalent to hundreds of thousands of

AI Hardware Performance Rankings

Welcome to our AI Performance Rankings page. Here, we evaluate the components based on their AI processing power, measured in TOPS (Tera Operations Per

AI server watch: AI servers lift Taiwan supply chain

Taiwan's AI server supply chain delivered broad-based growth in 2025, fueled by surging generative AI and cloud data center spending, but the

AI Server Companies

AI Server industry insights on factors that are driving the growth of the AI Server Market and key players along with their go to market strategies and new revenue sources.

Infographic: Big Three Hold Dominant Lead in

This chart shows worldwide market share of leading cloud infrastructure service providers in Q1 2026.

Ranked: The World's 20 Most Powerful AI Supercomputers

We show the world's most powerful AI supercomputers ranked by H100 chip equivalents, led by xAI's Colossus with 200,000 GPUs.

Nasdaq: Stock Market, Data Updates, Reports & News

Get the latest stock market news, stock information & quotes, data analysis reports, as well as a general overview of the market landscape from Nasdaq.

Artificial Intelligence (AI) Servers – Intel

Artificial Intelligence (AI) Servers Learn about AI server components, key considerations to help inform AI server design and the potential benefits unlocked

The World's Top AI Superpowers in 2025 | TRG

Our recent study compares AI power distribution across the world to identify the world's most AI-dominant countries of 2025. The research focused on AI

HPE leads industry with top-ranked supercomputers and

Hewlett Packard Enterprise (HPE) today announced its architecture continues to lead the bi-annual TOP500 and Green500 rankings of the world's

Top Five AI Server Companies for Data Centers and

This ABI Research competitive assessment ranks the top five AI server companies worldwide.

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

PyImageSearch

Helping developers, students, and researchers master Computer Vision, Deep Learning, and OpenCV.

The World's Top AI Superpowers in 2025 | TRG

The U.S. keeps the title of the most AI-dominant country in 2025, outperforming every other nation with the AI computer power and the highest total power

From MCP to multi-agents: The top 10 new open source

MIT license First up is a proxy server that turns MCP tools into OpenAPI-compatible HTTP servers. Developers building AI-powered apps are

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