

AI servers manufactured by Huawei



Overview

Although it costs three times more, and uses 3.9x the power of Nvidia's most powerful AI server the GB200 NVL72, Huawei's CloudMatrix 384 cluster of Ascend 910C chips delivers twice the compute performance. So China can resource internally all the computing power it needs to pursue. Dozens of Chinese hi-tech manufacturers - from Lenovo Group and Huawei Technologies to Inspur Group - are pushing new "all-in-one" servers that include DeepSeek's advanced artificial intelligence (AI) models to private and public enterprises across the country, ramping up democratisation of the. [Tashkent, Uzbekistan, May 20, 2025] At the 4th Huawei Innovative Data Storage Summit, Huawei introduced new AI Data Lake Solution, designed to help industries implement artificial intelligence more effectively. The announcement came during a keynote address titled "Data Awakening, Accelerating. China's domestic AI chips took 41% of the accelerator server market in 2025. New data shows Huawei alone shipped roughly 812,000 AI chip units last. DeepSeek AI is trending, and many Chinese companies including Huawei aim to produce new devices based on DeepSeek LLMs. Inputs reveal that Chinese firms like Huawei, Lenovo Group. China's Huawei Technologies Co. threw down the gauntlet to Nvidia Corp.



Article Content

May 25, 2026

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.

Oct 06, 2025

China's Huawei hypes up chip and computing power

China has in recent weeks stepped up efforts that target Nvidia, the world's dominant AI chipmaker, while trumpeting domestic chip manufacturing.

Mar 18, 2026

Huawei AI Servers Test Effectiveness of US Curbs

These restrictions initially focused on high-performance AI chips (like certain Nvidia GPUs) and the most advanced manufacturing tools (like ASML's EUV machines).

Sep 02, 2025

Exclusive: Big Chinese tech firms scramble to secure Huawei AI chips ...

Demand for Huawei's Ascend 950 AI chips has surged following the release of DeepSeek's V4 artificial intelligence model that runs on the Shenzhen-based tech firm's chips, with

Jan 20, 2026

Huawei AI server out-performs Nvidia's most powerful AI

Although it costs three times more, and uses 3.9x the power of Nvidia's most powerful AI server the GB200 NVL72, Huawei's CloudMatrix 384

Feb 03, 2026

Huawei and its allies reportedly producing DeepSeek AI

Over 30 Chinese server companies have begun developing DeepSeek-based AI server boxes. These servers will eventually enable

Nov 28, 2025

NVIDIA's "High-End" AI Servers Worth \$390 Million

After Singapore, a new "trade loophole" has been discovered in Malaysia, where \$390 million worth of NVIDIA AI servers were found.

Feb 27, 2026

Huawei, China's only real hope for homegrown AI

AI servers bring more money, right? Semiconductor Manufacturing International Corp. (SMIC) produces Huawei's HiSilicon Kirin 9000S processors

Jul 02, 2025

Huawei AI Servers Test Effectiveness of US Curbs

Despite stringent US export restrictions aimed at slowing its technological progress, China's Huawei is showcasing advancements in its artificial intelligence infrastructure. Last month,

Jul 31, 2025

Huawei Releases AI Data Lake Solution, Positioned to

The AI Data Lake Solution integrates four main components—data storage, data management, resource management, and AI toolchain—to help deliver AI corpus

Nov 10, 2025

Huawei's Ascend and Kunpeng progress shows how

Tech Industry Manufacturing Semiconductors Huawei's Ascend and Kunpeng progress shows how China is rebuilding an AI compute stack under

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The 10 Most Influential Hardware Companies of 2026

Dell Technologies Building AI infrastructure Companies once turned to Dell for off-the-shelf servers, PCs, and data center hardware.

Apr 03, 2026

Key products in Huawei's AI chips and computing power

China's Huawei (HWT.UL) has ended years of secrecy to detail its product roadmap for chips and computing power systems, discussing for the first

Aug 26, 2025

Chinese AI server leader xFusion hires investment bank

China's leading AI server provider xFusion has hired Citic Securities in preparation for an initial public offering, regulatory disclosure showed, adding the

May 10, 2026

Chinese tech firms from Huawei to Inspur push "all-in

Dozens of Chinese hi-tech manufacturers - from Lenovo Group and Huawei Technologies to Inspur Group - are pushing new "all-in-one" servers that

Nov 09, 2025

Huawei launches CloudMatrix 384 server as an

CloudMatrix 384 is powered by 384 of Huawei's most sophisticated AI chips, the Ascend 910C graphics processing unit. That compares with just 72

Aug 03, 2025

Huawei, Inspur champion DeepSeek-powered all-in-one

With AI adoption accelerating across industries, Chinese tech firms are simplifying AI infrastructure to meet growing demand. Many are rolling out all

Nov 14, 2025

Huawei Cloud Expanding AI Infrastructure for Industries

Huawei Cloud has outlined how it is building AI infrastructure and developing models for industry applications, with deployments spanning

Jul 02, 2025

AI Server Market Update: Vendors Shift from Silicon to Services

AI Server Market Update: Vendors Shift from Silicon to Services Dell, HPE, Lenovo, and Supermicro are riding record AI server demand, but winning enterprise customers requires more

Apr 15, 2026

Huawei Atlas AI Computing Platform: A Gift for

The Atlas AI computing platform provides powerful AI computing for customers to handle massive data volumes. It plays an important role in the

Aug 10, 2025

Huawei challenges Nvidia with AI super server

The AI server race heats up as Huawei counters US chip export restrictions. Huawei has unveiled its most powerful AI server, the CloudMatrix

Sep 17, 2025

Huawei's Ascend AI chip ecosystem scales up as China

Huawei's AI server hardware, domestic packaging suppliers, and EDA partners now form the backbone of a China-first chip supply chain.

Jan 09, 2026

Huawei's AI servers show tech advancing despite US curbs

TOKYO -- Huawei Technologies is steadily building up its own artificial intelligence infrastructure with homegrown chips and servers, underscoring China's progress

Oct 10, 2025

Huawei Connect 2025: Building AI Infrastructure In A

For AI enablement, Huawei's open-sourced AI stack with MindSpore, CANN, and openEuler comes together to form a full-stack alternative to NVIDIA's

Feb 03, 2026

Huawei Chips Claim 41% of China's AI Server

Huawei shipped 812,000 AI chips in 2025 as Chinese firms claim 41% of China's AI server market, reshaping Asia's hardware landscape.

Jun 04, 2026

Huawei challenges Nvidia with rival "CloudMatrix" AI

Huawei is looking to take on Nvidia with a domestic alternative to the chipmaker's flagship rack-scale AI servers. The Chinese tech giant showcased its

Jan 24, 2026

AI GPU Servers Market 2025

The Global AI GPU Servers market was valued at USD 6,565 million in 2024 and is projected to reach USD 19,130 million by 2032, growing at a CAGR of 18.0%.
Segmentation Analysis: Detailed

May 09, 2026

Huawei could seize China's AI chip crown in 2026 as Nvidia's H200 ...

Most of Huawei's AI chips are manufactured by Semiconductor Manufacturing International Corporation (SMIC), China's leading fab.

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