

Latest news about Huawei AI servers



Overview

Now, at the Huawei Connect 2025, the firm has announced new iterations of its 'SuperPoD' AI clusters. These will be the Atlas 950 and the Atlas 960, with the earlier one featuring the new Ascend AI chips, and interestingly, will compete with NVIDIA's Rubin lineup. The Chinese AI firm has been at the forefront of competing with NVIDIA in China's AI market, particularly with rack-scale. 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. The AI server race heats up as Huawei counters US chip export restrictions. Huawei has unveiled its most powerful AI server, the CloudMatrix 384, to challenge Nvidia's grip on the high-performance AI infrastructure market. The system, launched at the World AI Conference in Shanghai, uses 384 Ascend. ARM-Based Kunpeng processors: Huawei's in-house ARM CPUs now power laptops, servers, and AI infrastructure, reducing reliance on x86 and enabling tighter integration with its software ecosystem. HarmonyOS: Huawei's AI-native operating system powers mobile devices, laptops, and even AI. Want a weekly recap of Huawei news and be alerted of new editorial and video content from Huawei?

Subscribe to The Week in Huawei. China's Huawei Technologies Co. threw down the gauntlet to Nvidia Corp.



Article Content

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.

DeepSeek launches 1.6 trillion parameter V4 on Huawei chips as U.S ...

Artificial Intelligence DeepSeek launches 1.6 trillion parameter V4 on Huawei chips as U.S. escalates AI theft accusations — U.S. gov't alleges IP theft by DeepSeek and other Chinese AI

Huawei announces new AI infrastructure as Nvidia gets

Huawei's SuperPoD interconnect technology creates clusters of chips, including AI chips, to increase compute.

Huawei launches CloudMatrix 384 server as an

The company unveiled the CloudMatrix 384 system at the World Artificial Intelligence Conference in Shanghai, where dozens of local companies

Huawei Launches Advanced Atlas 950 & 960 SuperPoD AI Servers,

Huawei is positioning itself as a formidable contender in the rack-scale market, delivering its latest advancements in AI clusters that directly challenge NVIDIA's dominance. The Chinese

Tech war: Huawei wields growing influence in China's

Huawei Technologies, which was forced to divest its server subsidiary three years ago due to US tech sanctions, is regaining its influence in that sector

Huawei server spinoff xFusion heads for IPO

Huawei server spinoff xFusion heads for IPO xFusion, a former Huawei x86 business, is China's second largest server vendor and has doubled

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

Huawei Touts "62 Times Quicker" AI Chips to Overwhelm Nvidia

Huawei unveiled a three-year plan to rival Nvidia in AI chips, touting SuperPods that link thousands of Ascend processors with 62x faster data speeds.

Huawei announces new AI infrastructure as Nvidia gets

Tech giant Huawei unveiled new AI infrastructure meant to help boost compute power and allow the company to better compete with rival chipmaker

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

Huawei Launches Enhanced AI-Centric Network

The company also launched enhanced AI-Centric Network solutions that will help carriers prepare for the agentic era by enabling intelligent services, networks, and

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

Huawei Unveils Next-Gen Atlas 950 & 960 SuperPoD AI

Huawei announced its CloudMatrix 384 AI system a few months ago, which was reportedly to have surpassed NVIDIA's Blackwell AI system. Now, at

Factbox-Key Products in Huawei's AI Chips and

BEIJING (Reuters) -China's Huawei has ended years of secrecy to detail its product roadmap for chips and computing power systems, discussing for

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.

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

China's Huawei hypes up chip and computing power

Huawei launched its latest AI chip, the Ascend 910C, in the first quarter of this year. Its successor, the Ascend 950 will be launched next year and

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

Exclusive: Huawei readies new AI chip for mass

Huawei Technologies plans to begin mass shipments of its advanced 910C artificial intelligence chip to Chinese customers as early as next month, two

Huawei's Ascend and Kunpeng progress shows how

Huawei used its New Year message to highlight progress across its Ascend AI and Kunpeng CPU ecosystems, pointing to the rollout of Atlas 900

China's Huawei aims to outpace global leaders with

Huawei Technologies has announced plans to launch what it says will be the world's most powerful AI computing clusters over the next two years.

Huawei unveils "world's most powerful" AI cluster to rival

Huawei aims to build a robust AI infrastructure to fuel its ambitions of reducing dependency on Nvidia and the US. Using a proprietary high-bandwidth

Huawei AI Servers Test Effectiveness of US Curbs

The recent Huawei unveiling in Anhui province is one example of China's continued push. The new server cluster utilizes Huawei's self-developed Ascend chips, specifically the Ascend

Huawei's new AI CloudMatrix cluster beats Nvidia's

To do this, Huawei took a multifaceted strategy that includes a dual-chiplet HiSilicon Ascend 910C processor, optical interconnections, and the

China's AI Chip Race: Tech Giants Challenge Nvidia

Huawei, Alibaba, Baidu, and Cambricon are racing to produce AI chips that can rival Nvidia's. They're not quite there yet.

Nvidia market share in China falls to less than 60% — Chinese chip ...

Chinese semiconductor firms have taken a big chunk of the domestic market, claiming 41% of the local AI server market and delivering 1.65 million AI GPUs out of a total of 4 million units in

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.fivesunsecoenergy.fr>

Email: sales@fivesunsecoenergy.fr

Phone: +33 6 41 83 57 29

Address: 5 Rue de la Bourse, 75002 Paris, France

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