

Huawei AI Server Computing Power Card



Overview

Chinese tech giant Huawei Technologies has launched the Atlas 350 accelerator card for inference, boasting higher computing power for artificial intelligence applications and better performance than US rival Nvidia's H20, as AI rapidly advances into the agentic era. Huawei's Atlas intelligent computing platform is formed of the Atlas 200 AI accelerator module for devices, the Atlas 300 AI accelerator card for data centers, the Atlas 500 AI edge station for the network edge, and a one-stop AI platform, the Atlas 800 AI appliance, positioned for enterprise. The Atlas 350 AI accelerator. 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. The new hardware, powered by the self-developed Ascend 950PR chip, demonstrates significant performance gains and signals China's accelerating push for technological self-sufficiency in the. Tech giant Huawei unveiled new AI infrastructure meant to help boost compute power and allow the company to better compete with rival chipmaker Nvidia.



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Huawei AI CloudMatrix 384 – China's Answer to Nvidia

Meet China's newest and most powerful Chinese domestic solution, the CloudMatrix 384 built using the Ascend 910C. This solution competes directly

Huawei challenges Nvidia with AI super server

Huawei has unveiled its most powerful AI server, the CloudMatrix 384, to challenge Nvidia's grip on the high-performance AI infrastructure market. The

LLM Inference Hardware: An Enterprise Guide to Key

An enterprise guide to LLM inference hardware in 2026. Compare NVIDIA Blackwell/Rubin, AMD MI350X, Cerebras, SambaNova SN50, and other AI

Huawei announces new AI infrastructure as Nvidia gets

At a keynote at its Huawei Connect conference on Thursday, Shenzhen, China-based Huawei announced new SuperPoD Interconnect

Huawei introduces Flex:ai software tech to enhance AI

It integrates large groups of containerised (easy method to deploy or scale AI models across multiple servers) applications. The company's new

Supernode 384: How Huawei turns sanctions into threat

How Huawei's forbidden Supernode 384 computing architecture outpaces Nvidia systems despite US sanctions, reshaping the global AI chip

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 Announces the Atlas AI Computing Platform

Huawei announced the official launch of the Atlas AI computing platform to the market, unlocking a new chapter on the Atlas commercial roadmap.

US sanctions boot Nvidia from China will give Huawei a leg up

On the front of computing power, Huawei has developed the Kunpeng server CPU based on Arm architecture, as well as Ascend AI chips.

Huawei Atlas 350 Ascend 950PR Targets Nvidia H20

Huawei Technologies used its China Partner Conference 2026 to push its Ascend computing stack into broader commercial deployment, unveiling the Ascend 950PR-powered Atlas

How China's AI chips stack up against Nvidia's H200

Nvidia's latest AI server, which packs 72 Blackwell chips into a single computer, improves the performance of some AI models by 10 times, compared

Huawei challenges Nvidia with powerful new AI accelerator card

Chinese tech giant Huawei Technologies has launched the Atlas 350 accelerator card for inference, boasting higher computing power for artificial intelligence applications and better...

Huawei Launches AI Chip With 2.87x Nvidia H20's Power

Huawei launched its Atlas 350 AI accelerator card, which delivers 2.87 times the single-card computing power of Nvidia's H20 chip, signaling a major challenge to the U.S. firm's market dominance in China.

Atlas: Opening the door to AI with massive computing power

It harnesses key technologies such as intelligent heterogeneity, device-edge-cloud hierarchical deployment, and edge-cloud synergy to enhance computing power for AI. To meet new application

Exclusive: Nvidia's new China-focused AI chip set to be

The H20 will naturally deliver less computing power than Nvidia's flagship H100 AI chip and the H800 - the later China-specific card that was also

Huawei launches SuperPoD: AI on the way to a million

Huawei has unveiled its new SuperPoD architecture at the Huawei Connect event in Shanghai, a proposal designed to large-scale AI computing

Foxconn Industrial Internet surpasses Huawei in 2025 revenue, driven

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New Huawei AI tech reportedly matches Nvidia in

Huawei has recently introduced a new nuclear-grade CloudMatrix 384 AI Supernode that can reportedly match Nvidia in computing power. It is said to

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

Atlas: Opening the door to AI with massive computing power

Atlas 200 AI accelerator module: Just half the size of a credit card, the Atlas 200 consumes only 10 watts of power, supports 16-channel real-time HD video analytics, and can be deployed in devices

Huawei Unveils Next-Gen Atlas 950 & 960 SuperPoD AI

Huawei claims that the Atlas 950 SuperPoD will be the world's largest AI cluster, in terms of the chips onboard, since systems with 500K to 1 million

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

Huawei's AI CloudMatrix 384 proves China can

The Chinese tech giant claims the CloudMatrix 384 delivers 300 PFLOPS of computing power, 269 TB/s of network bandwidth, and a massive

Supersized and scaling: China pushes 10,000-card computing

This followed the launch of a 10,000-card intelligent computing cluster, built with Huawei's Ascend 910C AI chips in Shenzhen in March. Alibaba owns the South China Morning Post.

Huawei challenges Nvidia with powerful new AI accelerator card

The Atlas 350 AI accelerator card would be powered by Huawei's latest Ascend 950PR chip, designed to deliver enhanced computing power and storage for AI inferencing, said Ma Haixu, a

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