

What is Huawei's AI Computing Server

Preview

The Huawei CloudMatrix 384 is a high-density AI computing system featuring 384 Huawei Ascend 910C chips, designed to rival Nvidia's GB200 NVL72 (more below). The AI system employs a "supernode" architecture with high-speed internal chip interconnects. AI Compute Service offers instant access to immense yet cost-effective AI computing power, a reliable platform for training and running models and algorithms, E2E cloud-based toolchains, and a robust AI ecosystem, with support for all major open-source foundation models. Discover what this means for the future of AI compute. threw down the gauntlet to Nvidia Corp. Saturday when it revealed its most powerful artificial intelligence server system to date. The company unveiled the CloudMatrix 384 system at the World Artificial Intelligence Conference in Shanghai, where dozens of local. [Shanghai, China, September 19, 2025] On the second day of HUAWEI CONNECT 2025, Zhang Ping'an, Huawei's Executive Director of the Board and CEO of Huawei Cloud, delivered a keynote speech and shared Huawei Cloud's innovation and practices in AI compute services, foundation models, embodied AI, AI.

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

Built on CloudMatrix 384 supernodes, this service now delivers robust compute for advanced AI model applications.

The hybrid SuperPoD can also provide massive AI computing power, so it can support ultra-low-latency inference and

As large AI models move into the multimodal era, enterprises face challenges in model training and

Huawei and Cambricon are set to dominate China's AI server market as geopolitics and self-reliance accelerate

Huawei Technologies " advanced data centre architecture powered by its Ascend chips

In the AI era, Huawei Cloud is committed to pursuing innovation in AI computing power and technologies, helping

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CloudMatrix 384 is powered by 384 of Huawei's most sophisticated AI chips, the Ascend 910C graphics processing

Atlas 900 is an AI computing cluster that includes thousands of Ascend chips, with a total computing power ranging from 256 to 1024

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

While AWS, Azure, and Google Cloud offer a "software + leased hardware" model, Huawei goes deeper they develop

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GPU-accelerated cloud server (GACS) provides outstanding floating-point computing power that is great for real-time, highly

If you don't want your intelligent computing center to be burdened with data silos or performance and capacity issues,

The Atlas 500 Pro (model 3000) is a 2 U AI edge server powered by Huawei Kunpeng 920 processors, featuring superb computing

Web: <https://www.supremeacademicresearch.co.za>

