

# Huawei s self-developed AI server manufacturing



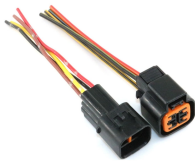
## Overview

The company recently unveiled a new AI server cluster in China's Anhui province. Rather than relying on graphics processing units (GPUs) from Nvidia, which dominates the global market for AI chips, the new cluster uses Ascend chips developed in-house by Huawei. This development, alongside reports of performance gains and a growing domestic ecosystem, raises questions about whether US curbs are effectively. Huawei Technologies Co has built a robust ecosystem around its Ascend chips for AI computing and its server chips Kunpeng, despite the US government's restrictions. Zhou Jun, head of ICT marketing department at Huawei, said in a recent speech in Beijing that the company has attracted over 6. New data shows Huawei alone shipped roughly 812,000 AI chip units last. At present, AI technology is penetrating into various fields at an unprecedented speed, from intelligent voice assistants to image recognition, from autonomous driving to medical diagnosis, the presence of AI is everywhere. And what supports all of this is powerful computing power. TOKYO -- Huawei Technologies is steadily building up its own artificial intelligence (AI) infrastructure with homegrown.

## Huawei s self-developed AI server manufacturing



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 Technologies on Thursday unveiled hardware that it said could deliver world-class computing power without using Nvidia 's advanced chips, in a breakthrough that could ...



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The "heart" of Ascend servers - Ascend chips, adopts Huawei's self-developed Da Vinci architecture, which is specifically tailored for neural network computing features.



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



BEIJING (AP) — China's Huawei Technologies said Thursday that it would roll out the world's most powerful AI computing clusters over the next two years as it seeks to outperform global leaders ...



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



It reflects Huawei's belief that AI compute can be industrialized through standardized clusters built from domestically controlled components, even if each component lags the global...



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

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