

Manufacturing AI servers for Huawei



Overview

Huawei Cloud has outlined how it is building AI infrastructure and developing models for industry applications, with deployments spanning manufacturing, healthcare, agriculture, aviation and automotive sectors. The announcement came at the industries summit at Huawei Connect 2025 in Shanghai, where. 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. We'll talk about the Atlas 950. 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. Huawei has recently revealed its long-term chip strategy for the first time, announcing plans to launch some of the world's most powerful computing systems and highlighting China's push to reduce reliance on foreign semiconductor suppliers such as Nvidia. So China can resource internally all the computing power it needs to pursue AI development. Our strategy is to create a new computing architecture, and develop computing SuperPoDs and SuperClusters, to sustainably meet long-term demand for computing power. Last year, I didn't elaborate on that last point.



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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.

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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

NVIDIA AI GPU Market Share 2026: ~80% of AI Accelerators

NVIDIA holds ~80% of the AI accelerator market in 2026. \$194B data center revenue. Market share charts, competitive breakdown, and cost analysis.

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Weekly news roundup: Huawei found to use outdated

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CPU for Server Market 2025

China's domestic semiconductor policies have boosted adoption of locally-developed ARM processors like Huawei's Kunpeng and Phytium's solutions, though x86 remains dominant for enterprise

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.

China tries for AI ICs | Electronics Weekly

China tries for AI ICs A number of Chinese companies, led by Alibaba, Baidu, Tencent and HiSilicon, are bringing out AI ICs but their

TSMC may face \$1B+ penalty for suspected Huawei exports

TSMC could end up paying \$1 billion or more to settle a US investigation into whether the Taiwanese outfit busted sanctions, inadvertently or not, by indirectly manufacturing AI accelerators

Dell slides as high AI server costs, competition blunt

Shares of Dell Technologies fell about 10% on Friday, as high manufacturing costs for AI-optimized servers and intensifying competition

AI server market: cloud giants to command 60% demand in 2024

Microsoft, Google, AWS, and Meta will collectively account for over 60% of global demand for high-end AI servers in 2024, according to a report from Trendforce.

Huawei pitches a new vision for AI compute: one

Huawei will unveil a new unified AI compute-management technology on November 21 at the "2025 AI Container Application

MLCC Price Increases Threaten AI Server Build Costs

Murata Manufacturing is evaluating price increases for multilayer ceramic capacitors (MLCCs) used in AI servers, signalling renewed cost

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