

Huawei s AI Server Chips

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. Huawei announced its CloudMatrix 384 AI system a few months ago, which was reportedly to have surpassed NVIDIA's Blackwell AI system. Zhou Jun, head of ICT marketing department at Huawei, said in a recent speech in Beijing that the company has attracted over 6.65. HiSilicon was, until 2020, the world's fastest-growing fabless semiconductor company - designing leading-edge SoCs manufactured at TSMC that were competitive with Apple Silicon and Qualcomm. The US export control action of May 2020, which required any company using US technology (including TSMC's). Huawei Ascend 950PR is the new-gen AI chip that has debuted with the Atlas 350 accelerator card. It currently sits atop the Ascend processors for its efficient performance, and here's everything you need to know about this AI semiconductor. Despite the ongoing tech tensions between the US and. Huawei Technologies' newest Ascend 950PR and 950DT chips enjoyed "day zero" adaptation to DeepSeek's latest V4 model, the Shenzhen-based tech giant said in a livestream on Friday, just hours after the model's release. The hardware-software collaboration between the two Chinese firms underscores the.



Article Content

Jun 26, 2026

Huawei Unveils Next-Gen Atlas 950 & 960 SuperPoD AI Servers

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 "dedicated" AI chips onboard is a rare feat.

Jan 25, 2026

Huawei, DeepSeek strengthen China's AI self-reliance with ...

Huawei Technologies' newest Ascend 950PR and 950DT chips enjoyed "day zero" adaptation to DeepSeek's latest V4 model, the Shenzhen-based tech giant said in a livestream on ...

Feb 20, 2026

Huawei / HiSilicon Spotlight — Ascend AI Chips, SMIC, China ...

Second, the Ascend AI accelerator program is Beijing's mandated alternative to NVIDIA for all Chinese AI infrastructure - making Huawei/HiSilicon the demand anchor of China's entire domestic AI chip ...

Sep 07, 2025

Huawei Ascend 950PR: The 1.56 PFLOP AI Chip vs Nvidia

Huawei has officially launched the Ascend 950PR, a 1.56-petaflop AI inference chip that delivers 2.8 times the FP4 performance of Nvidia's H20 — marking the most aggressive challenge ...

May 27, 2026

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.

Jul 21, 2026

Ascend 950PR AI Chip: Everything you need to know

Huawei Ascend 950PR is the new-gen AI chip that has debuted with the Atlas 350 accelerator card. It currently sits atop the Ascend processors for its efficient performance, and here's ...

Jun 30, 2026

Exclusive: Big Chinese tech firms scramble to secure Huawei AI chips ...

Demand for Huawei's Ascend 950 AI chips has surged following the release of DeepSeek's V4 artificial intelligence model that runs on the Shenzhen-based tech firm's chips, with ...

Aug 29, 2025

Huawei launches CloudMatrix 384 server as an alternative to Nvidia's AI ...

CloudMatrix 384 is powered by 384 of Huawei's most sophisticated AI chips, the Ascend 910C graphics processing unit. That compares with just 72 B200 GPUs found in Nvidia's GB200 ...

Jan 10, 2026

Huawei launches CloudMatrix 384 server as an ...

CloudMatrix 384 is powered by 384 of Huawei's most sophisticated AI chips, the Ascend 910C graphics processing unit. That compares with just 72 ...

Sep 18, 2025

Huawei's Ascend AI chip ecosystem scales up as China pushes for ...

The foundation of Huawei's server strategy is the Ascend 910C, a dual-chiplet accelerator built using stacked HBM2E memory and a DaVinci NPU architecture tailored for AI ...

Nov 19, 2025

Huawei builds robust AI chip ecosystem despite US bans

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.

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