

Huawei AI Server 910



Overview

The Atlas 800I A2 inference server is an AI inference device running on Kunpeng 920 and Ascend 910 AI Processors. It features high computing density, high energy efficiency ratio, high network bandwidth, easy expansion, and easy management. 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. Huawei's Ascend 910C AI chips can hit the markets anytime, and now, according to an insight, the Chinese firm has managed to narrow down the gap with NVIDIA. X tipster @Jukanlosreve says that Huawei has postponed the. ServeTheHome is the IT professional's guide to servers, storage, networking, and high-end workstation hardware, plus great open source projects. DISCLAIMERS: We are a participant in the Amazon Services LLC Associates Program, an affiliate advertising program designed to provide a means for us to.



Article Content

Apr 05, 2026

Huawei Ascend 910C is the company's answer to

According to a report, Huawei is getting ready to ship its Ascend 910C chip, which is the company's answer to NVIDIA's AI hardware.

Sep 01, 2025

Meet Huawei's Ascend 910C: A New Contender in the

In this post, I'll break down everything you need to know about the Ascend 910C — what's inside, how it compares to its rivals, and why it could

Mar 22, 2026

HiSilicon

^ "Huawei's homegrown AI chip examined — Chinese fab SMIC-produced Ascend 910B is massively different from the TSMC-produced Ascend 910".

Aug 08, 2025

Huawei Enterprise Official Website

Huawei Enterprise provides a broad range of innovative ICT infrastructure products and solutions for vertical industry and enterprise customers worldwide.

Dec 16, 2025

Inside China's £274 Billion AI Gamble: Huawei's 910D Chip Ignites ...

Huawei's new Ascend 910D chip aims to outshine Nvidia's H100, defying U.S. sanctions. Can it fuel China's AI ambitions?

Feb 03, 2026

Chinas neuer AI-Chip: Huawei Ascend 910C ist

Der neue Huawei Ascend 910C ist in Serienproduktion und soll ab Mai ausgeliefert werden. Er ist leistungsstark, aber wenig effizient.

Mar 01, 2026

All Products and Solutions

Directory of Huawei enterprise IT infrastructure products, solutions, and services.

Feb 28, 2026

DeepSeek tests show Huawei's AI chip "Ascend 910C"

Huawei announces 7nm process AI processor "Ascend 910", hinting at possibility of adopting RISC-V in the future - GIGAZINE In 2024, Huawei

Jan 07, 2026

Huawei to test Ascend 910D AI chip to rival Nvidia

Huawei plans to begin mass shipments of its Ascend 910C AI chip to Chinese customers next month.

Oct 18, 2025

Guidance on Application of General Prohibition 10 (GP10) to People's ...

SUMMARY This guidance alerts industry to the risks of using PRC advanced-computing ICs, including specific Huawei Ascend chips. These chips were likely developed or produced in

Mar 11, 2026

How is Huawei's Ascend 910B outperforming Nvidia's

Nvidia jumps to FOPLP for AI server chips amid CoWoS capacity strain Huawei defies US sanctions, surges in profit, and expands ecosystem in 2023

Dec 16, 2025

NVIDIA vs Huawei: AI chip wars

NVIDIA's H200 vs Huawei's Ascend 910 series Things change quickly in the AI chip space, but here's a look at the latest flagship offerings from NVIDIA and Huawei. NVIDIA HGX H200

Nov 18, 2025

Huawei prepares to ship new AI chip as China looks beyond Nvidia

Huawei prepares to ship 910C AI chip as China looks beyond Nvidia – report Some shipments of the 910C, which is said to offer performance comparable to Nvidia's H100 chip, have

Aug 06, 2025

Huawei Ascend 910 And Ascend 910 Overview

ServeTheHome is the IT professional's guide to servers, storage, networking, and high-end workstation hardware, plus great open source projects.

Sep 14, 2025

Huawei releases new AI architecture "CloudMatrix 384

Huawei announces 7nm process AI processor "Ascend 910", hinting at possibility of adopting RISC-V in the future - GIGAZINE Huawei is reportedly

Feb 11, 2026

SMIC expected to produce 30% Huawei Ascend 910B AI

SMIC is seeing a tough time due to US sanctions and this situation may also impact the production of Huawei Ascend 910B AI chips, with a 30%

Jan 29, 2026

Huawei's homegrown AI chip examined

Die shots of Huawei's HiSilicon Ascend 910 chip for AI produced by TSMC and its sibling Ascend 910B, allegedly manufactured by SMIC, reveal that

May 17, 2026

Huawei's Ascend 910C AI Chip Cluster "CloudMatrix" To

In a report by SemiAnalysis, they have managed to dig up details about Huawei's rack scale architecture and how the Ascend 910C will power

Sep 04, 2025

Overview

The Atlas 800I A2 inference server is an AI inference device running on Kunpeng 920 and Ascend 910 AI Processor s. It features high computing density, high energy efficiency ratio, high network

Dec 03, 2025

Meet Huawei's Ascend 910C: A New Contender in the

What Is Ascend 910C? Let's get the foundation right. Ascend 910C is Huawei's next-generation AI training chip, part of the Ascend 900 series,

Jun 30, 2025

Huawei Ascend 910C AI chip cluster dubbed

Huawei Ascend P910C AI chip cluster called CloudMatrix, will have superior performance to NVIDIA GB200 NVL72 AI servers, but with more power

Sep 19, 2025

Huawei will reportedly mass-ship the Ascend 910C, a

Huawei has just announced the Ascend 920, a 900 TFLOPS, 4000 GB/s memory bandwidth AI chip manufactured using the 6 nm process node of

Sep 23, 2025

Ascend 910C: Huawei's New Weapon in AI Hardware

Huawei is making waves in China's AI chip market with the launch of its new Ascend 910C processor. The company has started sending samples to major Chinese server manufacturers

Aug 13, 2025

Huawei Develops Next-Gen AI Chip, Aiming to Rival Nvidia's Top ...

Huawei Technologies is preparing to test its next-generation artificial intelligence processor, the Ascend 910D, seeking to challenge Nvidia's dominance in China's AI market,

Dec 16, 2025

Huawei Ascend 910C alleged specs suggest it a tough

Ascend 910C is the latest AI chip in the Huawei world, with improved specs over its predecessors. Now, a new leak suggests that the respective

Sep 14, 2025

Report Suggests Huawei Ascend 910C AI Accelerator's

Earlier today, TechPowerUp covered the alleged performance prowess of Huawei's CloudMatrix 384 system super node. According to

Jul 10, 2025

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

Nov 29, 2025

Huawei's Ascend 910C: A Bold Challenge to NVIDIA in

Launched in 2019, the Ascend 910 was recognized as the world's most powerful AI processor, delivering 256 teraflops (TFLOPS) of FP16 performance.

Sep 27, 2025

Huawei's Ascend 910C Takes on NVIDIA as

As the emergence of DeepSeek, with its low-budget AI models, sent shock waves across China's AI market, the rising demand for computing power

May 30, 2026

Huawei reportedly postponed Ascend 910C AI chip

Huawei was about to begin the mass production of the Ascend 910C chips this month, but the company has reportedly postponed its plan. A new input

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