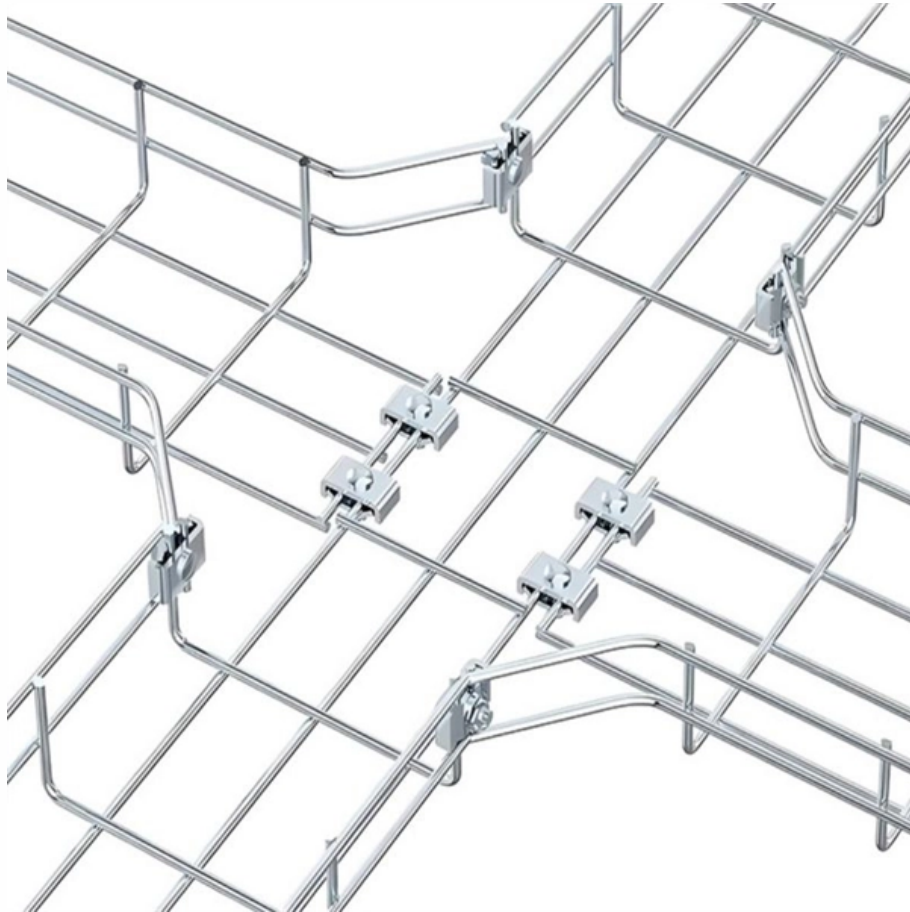


# **Huawei Super AI Server Performance**





## Overview

---

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. The Chinese AI firm has been at the forefront of competing with NVIDIA in China's AI market, particularly with rack-scale solutions. Huawei announced its CloudMatrix 384 AI system a few months ago, which was reportedly to have surpassed NVIDIA's Blackwell AI system. So China can resource internally all the computing power it needs to pursue AI development. In this high-stakes race, Huawei has emerged with a groundbreaking new AI solution that challenges the dominance of industry leader Nvidia.



## Huawei Super AI Server Performance

---

### Inside Huawei's Atlas 960: How China's SuperPoDs Aim

---

At HUAWEI CONNECT 2025 in Shanghai, Rotating Chairman Eric Xu detailed the company's newest high-performance computing platforms--the Atlas 950 and

### Supernode 384: How Huawei turns sanctions into threat

---

How Huawei's forbidden Supernode 384 computing architecture outpaces Nvidia systems despite US sanctions, reshaping the global AI chip



## Corporate Information

---

The AI-Native database GaussDB and FusionStorage 8.0 launched as the industry's highest-performance distributed storage. Huawei announced its computing

## Huawei challenges Nvidia with AI super server

---

The AI server race heats up as Huawei counters US chip export restrictions. Huawei has unveiled its most powerful AI server, the CloudMatrix

## Huawei Unveiled the Latest SuperPoD, Making an AI

---

At MWC Barcelona 2026, Huawei's President of the Computing Product Line, Seaway Zhang, unveiled the latest SuperPoD product Atlas 950 SuperPoD,



## **Huawei's AI servers show tech advancing despite US curbs**

---

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

## **Huawei Launches Atlas 350 AI Accelerator with Ascend 950PR**

---

Huawei launched the Atlas 350 AI accelerator with Ascend 950PR, 128GB memory, FP4/FP8 computing, and partners released servers for AI and industry applications.

## **Huawei unveils 'world's most powerful' AI cluster to rival**

---



Huawei aims to build a robust AI infrastructure to fuel its ambitions of reducing dependency on Nvidia and the US. Using a proprietary high-bandwidth

## AI Server Market Size & Share, Statistics Report 2025

---

AI Server Market Size A comprehensive report by Global Market Insights Inc. projects the global AI server market was valued at USD 128 billion in 2024. The

## HUAWEI Phones

---

4. This feature is only supported on certain Huawei PCs running PC Manager 13.0.3 or later, and certain Huawei phones running EMUI 13.1 or later, and tablets



## **CloudMatrix 384: Huawei's 384-chip AI cluster**

---

By clustering more chips, the design compensates for lower per-device throughput, achieving aggregate performance that, according to SemiAnalysis,

## **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

## **Huawei's SuperNode doubles Nvidia's AI**

---

At the Ascend AI Developer Summit on May 26, 2025, Huawei unveiled its new Ascend SuperNode architecture, the foundation of its



## **Huawei launches SuperPoD: AI on the way to a million**

---

Huawei has unveiled its new SuperPoD architecture at the Huawei Connect event in Shanghai, a proposal designed to large-scale AI computing

## **Huawei Challenges Nvidia With Ai Super Server**

---

Huawei has unveiled its most powerful AI server, the CloudMatrix 384, to challenge Nvidia's grip on the high-performance AI infrastructure market. The system, launched at the World AI Conference in

## **Why Huawei's CloudMatrix 384 Supernode Is a**

Huawei's new CloudMatrix 384 Supernode is not just another AI computing architecture--it's a game-changer. The system is designed to deliver

## **Inside the wild supercomputer arms race where Huawei**

---

Huawei's recently-announced Atlas 950 SuperPoD, Nvidia's DGX SuperPOD, and AMD's upcoming Instinct MegaPod each represent different

## **Huawei Unveils World's Most Powerful SuperPoDs and**

---

With the world's most powerful SuperPoDs and SuperClusters, Xu said Huawei has what it takes to provide abundant computing power for ongoing,



## **Huawei and Alibaba Bet on "Superpods": The Answer for Domestic AI**

---

Superpods behave more like a single, massive compute node than a loose collection of servers. Compared with traditional server-based clusters, superpods use ultra-high-bandwidth,

## **Huawei server spinoff xFusion heads for IPO**

---

Huawei server spinoff xFusion heads for IPO xFusion, a former Huawei x86 business, is China's second largest server vendor and has doubled

## **Huawei releases CloudMatrix 384 supernode: a milestone**

---



In the future, CloudMatrix super nodes can build large clusters of more than 10,000 slices to provide computing power, which will greatly lower the threshold for large-scale commercial use of AI.

## **Top 10 China AI Chip Companies of 2025: Who's Winning?**

---

Discover China's top 10 AI chip companies in 2025. See how firms like Huawei & Baidu are driving self-sufficiency to challenge Nvidia. Read our deep dive now.

## **Huawei Unveiled the Latest SuperPoD, Making an AI**

---

For AI computing, the Atlas 950 SuperPoD, powered by UnifiedBus, integrates 64 NPUs per cabinet and can scale up to 8,192 NPUs, delivering superior



## **Huawei unveils Atlas 950 SuperCluster**

---

Huawei has unveiled its next-generation data-center scale AI solution that can offer 1 FP4 ZettaFLOPS performance for AI inference and 524 FP8

## **Huawei unveils SuperPoD AI infrastructure to challenge**

---

Huawei has lifted the curtain on its most ambitious AI hardware plans to date. Speaking at its annual Huawei Connect conference in Shanghai, the

## **Groundbreaking SuperPoD Interconnect: Leading a New**

---



Eric Xu, Huawei's Deputy Chairman of the Board and Rotating Chairman, gave a keynote themed "Groundbreaking SuperPoD Interconnect:

## **How Powerful are Huawei's New SuperPoDs and**

---

The TaiShan 950 SuperPoD works in combination with Huawei's distributed GaussDB database and offers a potential alternative to traditional

## **Huawei Unveils Next-Gen Atlas 950 & 960 SuperPoD AI**

---

Huawei claims to be taking the competition in the rack-scale segment directly to NVIDIA's ground, as their latest announcement includes unveiling

**Contact Us**

---



For datasheets, pricing, or custom optical networking solutions, please visit:  
<https://www.entrenamientointeligente.es>