

Where is Huawei's AI storage server located



Article Overview

Huawei's AI storage servers are deployed across Huawei Cloud data centers globally, integrated with on-premises and cloud-based AI infrastructure.

Deployment Overview

Huawei's AI storage solutions, including the OceanStor A series (A600 and A800) and AI Data Lake, are designed for high-performance AI training and inference. These systems are deployed in Huawei Cloud data centers worldwide, providing low-latency, high-bandwidth access to AI workloads while supporting large-scale distributed storage for tensors, vectors, and key-value caches. Huawei Cloud operates multiple regions with fully connected, high-speed networks, ensuring that AI storage is geographically distributed to optimize performance and reliability.

On-Premises and Cloud Integration

Huawei's AI storage servers are not limited to cloud deployments. Enterprises can deploy OceanStor A series systems on-premises for dedicated AI workloads, enabling ultra-fast data access and high IOPS for large AI models. The AI Data Lake solution integrates these storage systems with Huawei's Data Center Management (DME) platform, allowing data visibility, mobility, and management across geographically distributed data centers. This hybrid approach ensures that AI storage can be closer to compute resources, whether in private data centers or cloud regions....

Article Content

Jan 02, 2026

AI data center

In response to the Stargate project, Amazon launched in October 2025 an AI data center on 1,200 acres of farmland in Indiana. This

Jan 25, 2026

OceanStor AI Storage

Using data-control plane separation architecture and long-term memory storage, this storage system fulfills the E2E data processing

Oct 15, 2025

What Kind of Storage Architecture Is Best for Large AI Models?

Developing an AI-native data lake storage platform tailored for large AI models is crucial for improving production

Aug 19, 2025

Huawei Debuts High-Performance AI Knowledge Repository Storage

[Shanghai, China, September 21, 2023] At HUAWEI CONNECT 2023, Yang Chaobin, Huawei's Director of the Board and President

May 16, 2026

AI-Ready Data Infrastructure Reference Architecture White Paper ...

With edge AI models beginning to permeate many industries at a faster pace, Huawei's AI-ready data infrastructure reference

Apr 07, 2026

Huawei launches AI data center infrastructure stack

Huawei said its Context Memory Storage is designed to improve AI inference speed efficiency for large computing

Jun 17, 2026

Data Center Portfolio Solution | Huawei Enterprise

Huawei has launched a series of data center portfolio and individual solutions to underpin

Nov 12, 2025

Overcoming Growth Barriers with AI-Ready Data Infrastructure

Companies are struggling with the time-consuming processes of mass data preparation, training interruptions, and

Feb 13, 2026

Huawei AI Stack vs. NVIDIA DGX: MWC 2026 Deep Dive | Aixia

MWC 2026 Technical Breakdown: Huawei Atlas 950 SuperPoD vs. NVIDIA DGX — An AI infrastructure analysis every

Aug 28, 2025

AI Storage

And the answer? Huawei OceanStor Next-Gen High-Performance Distributed File Storage for AI provides a unified storage solution

Feb 19, 2026

Huawei Releases AI Data Lake Solution, Positioned to

[Munich, Germany, April 30, 2025] On April 29, 2025, at the 4th Huawei Innovative Data Infrastructure (IDI)

Jan 29, 2026

Huawei launches A800 AI storage system

Huawei first revealed the A800 AI storage system in China in September last year and discussed the product at its

Nov 16, 2025

global-infrastructure_HUAWEI CLOUD

Huawei Cloud operates in 102 availability zones across 34 regions, serving a wide range of customers in Asia Pacific, Latin America,

Dec 20, 2025

AI Storage

Sechs Innovationen Huawei definiert Distributed File Storage neu, als Reaktion auf die Anforderungen beim Training für großen KI

Dec 08, 2025

Huawei Releases Range of Innovative Practices to Help Carriers Build ...

For example, more than 40 carriers have chosen Huawei's container storage solution. Generative AI is also being

Nov 19, 2025

Worldwide Infrastructure-HUAWEI CLOUD

Dedicated Distributed Storage Service Volume Backup Service Scalable File Service
Cloud Server Backup Service Elastic Volume

Aug 04, 2025

OceanStor A600 High-Performance AI Storage

OceanStor A600 Huawei OceanStor A600 is the next-gen high-performance distributed file storage for artificial intelligence (AI),

Apr 22, 2026

AI-Ready data storage is a must for all industries

Dr. Peter Zhou, President, Huawei Data Storage Product Line, Huawei's AI-ready data storage solutions,

Feb 06, 2026

Huawei outlines AI data center infrastructure strategy

Data center focus - Huawei positioned AI-ready infrastructure, including storage, caching, orchestration and

Jun 05, 2026

Huawei Launches Three Innovative Data Storage Solutions for the AI

Dr. Peter Zhou, President of Huawei Data Storage Product Line, launched three innovative solutions aimed at helping

May 03, 2026

Huawei Cloud

Huawei Cloud opens up Huawei's over 30 years of expertise in ICT and digitalization. We dive into digital

Oct 14, 2025

Huawei launches full-stack data infrastructure offering for AI

Huawei has launched a new full-stack data infrastructure offering for AI data centers. Revealed during Huawei's

Aug 28, 2025

Huawei outlines AI data center infrastructure strategy

Huawei said the rapid growth of AI applications and agent-based systems is increasing demand for new infrastructure

Aug 15, 2025

Huawei's full stack AI data platform and agent foundry

Huawei announced a full stack of AI model training and inference data storage and pipeline ingest/acceleration

Nov 02, 2025

Huawei Cloud

Huawei Cloud powers many geographic regions with fully connected, high-speed, and stable networks and services closest to your

Apr 21, 2026

AI Data Lake: Breaking Silos and Accelerating Intelligence

The Huawei AI data lake solution is built on years of experience and expertise in large AI model training. It helps enterprises

Jan 24, 2026

Huawei Releases the Full-Stack Data Infrastructure Solution of AI

Against this backdrop, Huawei unveiled the full-stack data infrastructure solution of AI DCs to accelerate AI DC

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