

AI server under construction



Overview

This interactive map tracks all major AI data center construction projects currently underway or recently started worldwide. It covers facilities being built by OpenAI, Meta, Google, Microsoft, Amazon, xAI, Anthropic, and others. An AI data center is a specialized data center facility designed for the computationally intensive tasks of training and running inference for artificial intelligence (AI) and machine learning models. Data includes investment amounts, power capacity, GPU deployments. Modern AI models are data-hungry, computation-heavy beasts that need specialized hardware just to function, let alone perform at their best. That's the job of an AI server—a custom-built system that keeps AI applications fast, scalable, and efficient. There have been 30 user-submitted reports of outages in the past 24 hours. This chart represents OpenAI service health over the last 24 hours, with data points collected every 15 minutes. On a recent earnings call, Nvidia CEO Jensen Huang estimated that between \$3 trillion and \$4 trillion will be spent on AI infrastructure by the end of the decade — with much of that money coming from AI companies.



Article Content

Midjourney

An independent research lab exploring new mediums of thought and expanding the imaginative powers of the human species.

Global AI Data Center Construction Tracker

Interactive map tracking \$700B+ in AI data center construction worldwide. Explore projects by OpenAI, Meta, Google, Microsoft, xAI, and more.

Local Opposition Is Slowing A.I. Data Centers. Wall

According to the real estate brokerage CBRE, the total amount of new data center capacity under construction in the country's largest markets

A Jargon-Free Guide on How AI Server Architecture

Whether you're deploying AI in your business, tinkering with a project, or just want to understand the tech shaping our world, this guide

AWS Builder Center

Migrating a EOL Linux Server to AWS in 8 Hours with Kiro What started as a favor to a friend became three decades of quiet mentorship — and when that friend's

Nvidia aims to build \$500 billion worth of AI servers in

Chinese Nvidia Cloud Partner procured 300 servers with banned AI GPUs worth \$92 million Nvidia plans to deploy its own technologies to optimize

The AI Servers Powering The Artificial Intelligence

IDC expects AI server revenue will reach \$49.1 billion by 2027, assuming that GPU-accelerated server revenue will grow faster than revenue for

Apple plans new AI server factory as part of \$500bn US

Apple is building a new factory in Texas to make AI servers and plans to expand its data centers as part of a \$500 billion commitment to US

Inside the world's most powerful AI datacenter

Today in Wisconsin we introduced Fairwater, our newest US AI datacenter, the largest and most sophisticated AI factory we've built yet. In

Amazon's "Project Houdini" Reinvents How Data Centers Are Built ...

Amazon's Project Houdini aims to accelerate AWS data center builds using modular construction, reducing labor hours and speeding up deployment.

China Powers AI Boom with Undersea Data Centers

China is pulling ahead of the rest of the world in sinking data centers that power AI into the ocean as an alternate way to keep them cool

China Powers AI Boom with Undersea Data Centers

This June construction began on a wind-powered underwater data center about six miles off the coast of Shanghai, one of China's AI hubs.

World's largest AI campus "now under construction" in UAE as nation ...

The first batch of advanced AI chips has already arrived in the country, with more shipments on the way, UAE Ambassador to the US Yousef Al Otaibawhile noted

Nvidia commits to \$500bn AI server production in the US

Nvidia commits to \$500bn AI server production in the US The chipmaker's move is the latest by tech firms to bring jobs to the United States.

How to Build an Affordable Custom AI Server for AI

Take control of your AI projects with a custom-built server. Learn to optimize hardware, reduce costs, and future-proof your AI setup.

A Jargon-Free Guide on How AI Server Architecture

You can't run a race car on a lawnmower engine. The same concept applies to artificial intelligence (AI). Modern AI models are data-hungry,

China built hundreds of AI data centers to catch the AI

Just months ago, a boom in data center construction was at its height, fueled by both government and private investors. However, many newly

How to build a high-performance AI server locally

Learn how to build a high performance AI server to allow you to run large language models locally. Removing the need for subscriptions and

The Aviation Herald

JAC AT72 at Kagoshima on May 10th 2026, could not move gear lever Astana A21N near Aktobe on May 8th 2026, engine failure Swiss BCS3 at Zurich on May 9th 2026, fault in air data system

AI Data Centers Are Coming for Your Land, Water and

The Trump administration's AI Action Plan emphasizes the need for more data centers, electricians and HVAC technicians for the US to win the AI race. Many

AI Infrastructure Construction: The Next \$400B Boom in 2026 -

IBM and Google expect to launch pilot facilities by late 2026, combining quantum processors with classical AI servers under one roof. These environments demand extreme

OpenAI looking at 16 states for data center campuses tied to ...

OpenAI executives updated reporters on Thursday about the level of interest the company is seeing from states interested in building large data centers.

The billion-dollar infrastructure deals powering the AI

Below, we've laid out everything we know about the biggest AI infrastructure projects, including major spending from Meta, Oracle, Microsoft,

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