

# Why are there so many IDC Internet Data Center construction projects recently



## Overview

Our top 10 data center construction stories of 2025 capture a year of AI-fueled growth, power shortages, and rapid innovation. Developers faced mounting energy and zoning challenges while exploring new designs, cleaner power sources, and smarter build strategies to keep pace with. Amazon Web Services has announced more than \$30 billion in US projects, including a \$20 billion Pennsylvania AI hub and a \$10 billion expansion in North Carolina. Related: Powering AI and new computation technologies can accelerate data center project delivery and optimize spending to reduce the projected \$1.7 trillion global spend through 2030 by up to \$250 billion. Hyperscalers will remain a key driver of sector growth. Data centre construction and related artificial intelligence (AI) investment have surged in recent years. This is a global story, part of a worldwide AI race turbocharged by the launch of technologies such as ChatGPT.



## Article Content

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AI growth, national security priorities, and record investment are driving the largest data-center buildout in U.S. history. Here's why.

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The Expansion Explosion: Insights Into the Current Data

Dive into the current data center construction boom, exploring what's driving the expansion and how it's reshaping the industry.

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DCD's data center construction channel

News of new data center construction projects and expansion schemes in markets around the world. The world's best source of data center construction news and features.

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Building data centers bigger, faster | McKinsey

To meet the growing demand for data centers—and the power capacity needed—over the next five years, data center campuses will have to expand from providing tens of megawatts (MW) of

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The Rise of Data Center Construction in the U.S. and Its

The United States has experienced a remarkable surge in data center construction over the past decade, propelled by the rapid expansion of digital

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Architecting the Internet Data Center - Parts I-IV | StorageMojo

Architecting the Internet Data Center - Parts I-IV Introduction: Internet Scale vs Enterprise Scale The rise of the Internet Data Center (IDC), such as Amazon, Google and Yahoo, in the last 10 years is

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Breaking down the data center opportunity for builders in

These projects also propelled construction planning numbers higher to end the year, and many builders believe that data centers will continue to be

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Data centres to be expanded across UK as concerns

Data centres, like this one Google is building in Hertfordshire, are becoming a more familiar sight across the UK. The number of data centres in the

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AI data center growth: Meeting the demand | McKinsey

Soaring demand for AI data centers has ushered in a new area of growth. We explore these new opportunities for companies and investors across

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Demand for Data Centers Is Soaring

The need for data centers has soared, fueled by remote work and the growth of high-speed streaming. But finding the necessary land and energy can

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2024's Biggest Data Center Construction Stories: A Year

AI-driven growth fueled the data center construction industry in 2024. Explore our top 10 stories from the year.

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New Data Center Developments: June 2025

The demand for new data centers isn't showing any sign of slowing. With new projects announced each week, keeping track of the latest data center

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Mega Global Data Center Projects Planned (2025-2030)

Here are 20 of the most significant data center construction projects scheduled between 2025 and 2030, reflecting the global surge in AI, cloud computing, and digital infrastructure

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Why the United States Is Building Data Centers at Unprecedented Scale

Data centers have moved from niche digital infrastructure to assets central to the United States' economy, security, and technological leadership. As artificial intelligence, cloud computing,

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2025's Biggest Data Center Construction Stories: A Year

The 2025 data center construction boom revealed both the scale and the strain of the digital infrastructure industry's future.

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2026 Market Outlook for Global Data Centers | JLL Research

New data center projects are getting larger and more expensive to build. As a result, the sector continues to consolidate

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\$130 Billion in the Cloud: The 5 Data Center Mega

Discover the five biggest data center construction projects of 2025—from AWS to Meta—and how they're powering AI, cloud, and the

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The rapid rise of data centre construction is only getting

A huge driver of this growth is AI, which requires significantly more power than traditional data centre workloads. If, as we expect, AI becomes more

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5 Largest Data Center Construction Projects in 2025

Discover the 5 largest data center construction projects in the U.S. for 2025, plus insights on market growth, emerging locations, and key industry

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AI Infrastructure Spending Caps Historic Year at ~\$90 Billion in ...

AI infrastructure spending hit \$89.9B in Q4 2025, signaling a shift to long-term investment as the market races toward \$1 trillion by 2029.

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How data centres and AI are becoming a new engine of

The surge in data centre construction and AI-related spending has become a significant driver of business investment and GDP growth, especially in

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2025's Biggest Data Center Construction Stories: A Year

Our top 10 data center construction stories of 2025 capture a year of AI-fueled growth, power shortages, and rapid innovation. Developers faced

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