IDC Data Center Construction Report



Overview

A fully-sourced atlas of the data center construction supercycle — market size, cost benchmarks, schedules, capital flows, policy, and the road to 2030. IDC's Datacenter Facilities Index offers quantitative insights into current and forecast worldwide datacenter installation patterns through 2029. It encompasses capital spending for non-IT datacenter facilities, including racks for new construction, retrofits, and. The 2026 Global Data Center report provides comprehensive view of the global data center landscape. The short answer: Global data center construction is set to nearly double — from about 103 GW in 2025 to roughly 200 GW by 2030 — even as the. Nearly 100 GW of new data centers will be added between 2026 and 2030, doubling global capacity. The global data center sector will likely expand at a 14% CAGR through 2030, which will require energy innovations to alleviate grid constraints. Hyperscalers will remain a key driver of sector growth.

Article Content

Datacenter Facilities Index

The index is updated annually. It encompasses capital spending for non-IT datacenter facilities, including racks for new construction, retrofits, and existing installed base. It also tracks annual opex spend for

Global Data Center Report (2026)

The latest IDCA Data Center Report provides a comprehensive view of the global data center landscape, covering energy consumption, connectivity, security, and the rise of AI-driven infrastructure.

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Datacenter Facilities Builders Trends and Strategies

IDC''s Datacenter Facilities Builders Trends and Strategies research provides comprehensive insights into the evolving global landscape of datacenter facilities buildouts and investment strategies among

IDC Market: $285.4B Growth Forecast & Data Center Trends

The IDC (Internet Data Center) market projects $285.4B by 2025, driven by 10.6% CAGR. Explore key growth drivers, competitive landscape, and regional market share analysis.

The 2026 Data Center Construction Industry Report

The 2026 Data Center Construction Industry Report A fully-sourced atlas of the data center construction supercycle — market size, cost benchmarks, schedules, capital flows, policy, and the road to 2030.

2026 Market Outlook for Global Data Centers | JLL

Nearly 100 GW of new data centers will be added between 2026 and 2030, doubling global capacity. The global data center sector will likely expand at

Worldwide and U.S. Datacenter Installation Census and Construction ...

Worldwide and U.S. Datacenter Installation Census and Construction Forecast, 2024-2028 - This IDC study reveals significant growth in the datacenter industry, driven by digital

Global Data Centres Report

AT ARE ''DATA CENTRES''? Data centres are critical hubs that power the digital world, enabling seamless connectivity, storage, and processing o. vast quantities of data. These facilities support

DCD>Survey Report: Data center construction

Our latest construction report of 171 industry professionals reveals where projects succeed, where they struggle, and what changes can unlock smoother delivery.

Data Center Construction Statistics and Facts (2026)

Data Center Construction Statistics – Data center construction is a complex process that involves substantial investments and strict regulatory compliance. The construction timeline typically

AI Data Center Value Chain: Every Layer from Chips to Cloud

AI data center value chain: chips to cloud. Semiconductor, GPU design, servers, networking, power, and cloud layers mapped by company. Interactive.

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Data center

Data Center Watch''s first report covered a period from May 2024 to March of 2025, where it was discovered that "local opposition had blocked or delayed a total of

How Will AI Affect the US Labor Market? | Goldman Sachs

Relative to trend, the hiring for HVAC contractors, electrical contractors, and other workers to build data centers has risen. Construction jobs

Vietnam Data Center Market Investment Analysis Report 2026-2031 ...

The Vietnam Data Center Market, valued at USD 1.04 Billion in 2025, is projected to reach USD 3.18 Billion by 2031, with a robust CAGR of 20.48%. As Southeast Asia''s fastest-growing

The State of AI: Global Survey 2025 | McKinsey

In this 2025 edition of the annual McKinsey Global Survey on AI, we look at the current trends that are driving real value from artificial intelligence.

Compute Forecast | Insights on AI, Data Centers

Stay ahead of the compute economy with Compute Forecast- delivering research, news, and strategic analysis on AI, data centers, cloud, and

Data Center Company & Enterprise Network

Equinix is the largest global data center and colocation provider for enterprise network and cloud computing. Secure datacenter management technologies and

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