

# Scale of Internet Data Centers



## Overview

As of May 2026, there are 11,426 active data centers around the globe. 70 billion in 2022 and is projected to reach USD 107. The amount of data collected and processed has increased because of the spread of connected devices, the. Rapid adoption of AI among enterprises and consumers is fueling the growth of data centers, the massive structures that provide the necessary computing power. The data center boom impacts nearly everyone, from the tech and real estate sectors to policymakers and the environmentally conscious, who. 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. Internet Data Center Market (By Service: Hosting, Colocation, CDN, Others; By Deployment: Public, Private, Hybrid; By Enterprise Size: Large Enterprises, SMEs; By End-use: CSP, Telecom, Government/Public Sector, BFSI, Media & Entertainment, E-commerce & Retail, Others) - Global Industry Analysis. Physical Footprint (Square Footage/Meters): This is the most intuitive measurement - the total area occupied by the data center building, including both the IT space and supporting infrastructure. IT Space (Square Footage/Meters): This refers to the area dedicated to housing servers, storage. The Data Center Market Report is Segmented by Data Center Size (Large, Massive, Medium, Mega, and Small), Tier Type (Tier 1 and 2, Tier 3, and Tier 4), Data Center Type (Hyperscale/Self-built, Enterprise/Edge, and Colocation), End User (BFSI, IT and ITES, E-Commerce, Government, Manufacturing).

## Article Content

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Data Center Market Size, Share & Forecast Report, 2034

The data center industry is characterized by scale concentration, capital intensity, and long-term lease structures. Competitive positioning depends on geographic

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Data Center Liquid Cooling Market to Approach \$7 Billion by 2029 as

Additional highlights from the Data Center Liquid Cooling Advanced Research Report include: The Liquid Cooling market is expected to roughly double in 2025, reaching close to \$3 billion

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VNET Releases 2025 Annual Report—What Shareholders Should

VNET Group has filed its 2025 annual report, highlighting its expansive internet data center services across China. Investors can access the report for key insights into VNET's customer

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Data Center Market Size, Share, Trends, 2031 Report

By tier type, Tier 3 accounted for 59.10% of the data center market size in 2025; Tier 4 is forecast to accelerate at 14.31% CAGR to 2031. By data

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Everyone's wondering if, and when, the AI bubble will

The Stargate Project, backed by OpenAI, SoftBank, Oracle, and MGX, aims to develop a \$500 billion nationwide network of AI data centers. Yet,

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Amazon : GL et Comet (GL-RM1) Remote KVM

GL et Comet (GL-RM1) Remote KVM Over Internet, 4K@30Hz Tailscale Support, Remote Keyboard, Video, Mouse, Install OS Via BIOS Control, Adapted

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### Measuring the Data Center Boom: Facts and Statistics

There are currently 11,426 data centers globally located in 179 countries. Demand for data centers is predicted to nearly triple by 2030. Between

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### What is a data center? | McKinsey

Discover how data centers and hyperscalers are driving AI infrastructure growth, increasing compute power, and impacting global data

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### Data center demands

McKinsey research shows that the capacity needs for AI and non-AI workloads could almost triple by 2030, with AI capacity increasing 3.5 times and

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### Data center

Large data centers operate at an industrial scale, requiring significant energy. Estimated global data center electricity consumption in 2024 was around 415

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### Coherent's \$23B Opportunity Lifted by NVIDIA's Optical Ambitions

Coherent's market on track to reach \$23 billion as NVIDIA's Spectrum-6 and Kyber drive structural demand for co-packaged optics components.

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### The future of US hyperscale data centers | McKinsey

We look at why hyperscale data centers are rapidly expanding across the United States and why they represent a major new investment opportunity.

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### 2026 Market Outlook for Global Data Centers | JLL Research

The global data center sector is estimated to grow at a 14% CAGR over the next five years, which could result in 100 GW of new

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### How Big Are Data Centers?

As the demand for data and computing resources continues to grow, data centers will continue to evolve in size, design, and efficiency, playing an

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Akamai Adds API Security Posture, Code Mapping | AKAM Stock News

Akamai (NASDAQ: AKAM) unveiled Security Posture Center and enhanced code-to-runtime mapping on May 5, 2026 to help organizations measure API security posture and link live

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Mark Zuckerberg says Meta is building a 5GW AI data

Mark Zuckerberg says Meta is building out some massive data centers to power its AI ambitions and compete with OpenAI, Google, and Anthropic.

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Data centers

Find the most relevant and recent statistics and facts about the global data center market

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Building data centers bigger, faster | McKinsey

Large-scale data centers will also require significant new power-generation capacity, placing additional demand on data center labor pools.

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Global Data Centres Report

thing we've seen before. Whether in the innovation hubs of North America, the connectivity hubs of Europe, or the fast-scaling digital economies of Asia-Pacific and the Middle East, data centres are

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Internet Data Center Market Size to Surpass USD

The global internet data center market size was estimated at USD 60.89 billion in 2025 and is projected to hit around USD 165.41 billion by 2035,

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Deception at Scale: Exploring the SANS Internet Storm Center | SANS ...

Ever wondered how the SANS Internet Storm Center will help you protect your network? For over 20 years, the SANS ISC has provided up-to-date threat intel and tools to make this threat intel

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Data centers at crossroads of tech and resilience: PwC

Explore strategies for optimizing data center infrastructure to balance scalability, reliability and efficiency amid energy demands and geopolitical tensions.

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