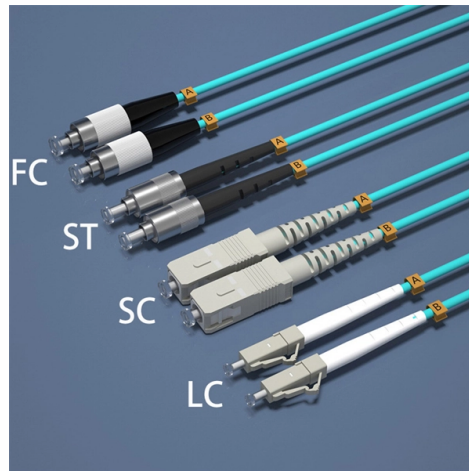


# Construction cost of IDC data center



## Overview

Costs range from \$8 to \$12 million per megawatt, shaped by Tier level and power density. New builds are AI-ready with liquid cooling, modular systems, and high-density power. Now in its ninth year, the Data centre construction cost index 2025-2026 remains the industry's only cost index focused exclusively on construction. It offers unmatched global insights to help businesses navigate this high-growth sector. As AI moves to centre stage, data centres are under greater. Building a data center involves multiple cost components, each contributing significantly to overall investment, efficiency, scalability, and long-term operational sustainability. For 2026, JLL is forecasting the average global cost will increase 6% to \$11. Construction costs have climbed to \$488. Here is what each one will cost to deploy. Hyperscale Data Center: Built by tech giants like AWS, Azure, and Google Cloud, hyperscale facilities are the largest and most capital-intensive builds in the industry. Enterprise Data Center: Built and.



## Article Content

Data center construction costs by location 2025| Statista

In 2025, Tokyo was ranked as the most expensive market worldwide for data center construction.

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Data Centers Now Consume 70% of All Memory Chips Produced Perhaps the most striking statistic of the 2026 memory chip shortage is the share

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The costs associated with data center facilities can be unique for any given site based on several factors. Today, data centers are utilized to offer infrastructure and services to companies and

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We break down the main data center cost variables, where they affect total spending, and how they impact total cost of ownership.

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### Data Center Construction Costs Explained

Data center construction costs average \$10-\$12 million per MW, and AI-optimized facilities can reach as high as \$20+ million per MW. Mechanical, electrical, and

### Data Center Construction: Costs, Timeline, and Delivery Steps

Data center construction builds secure facilities for servers, power, and cooling systems. Get costs, timelines, key steps, and tips to manage your project. Use this data center project plan

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### How Much Does It Cost to Build a Data Center in 2026

Construction expenses include the physical structure, flooring systems, and built-in security features. Data centers require reinforced buildings, raised flooring for cable management,

### Breaking Down Data Center Cost: Building vs. Outsourcing

Wondering about Data Center Cost? Looking to build a data center? This article breaks down the main expenses, from building your own facility to outsourcing.

### Data Center Construction Costs: Complete Budgeting

Building a data center costs millions, if not billions. Discover the key cost components, hidden logistics expenses, and how technology investment

### Data Center Buildout Cost: Complete Pricing Guide

Data center buildout costs depend heavily on factors like facility size, geographic location, tier classification, and the workload type. Every project is different, but the industry has

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### 2026 Global Data Center Outlook

Data center construction costs have been increasing at 7% CAGR The industry is expanding at a relentless pace, resulting in

### How Much Does it Cost to Build a Data Center?

How much does it cost to build a data center, including construction of the building, and equipping the facility with power and cooling infrastructure to

Data Centre Build Costs: Budgeting and Cost

Understand the real costs of building a data centre, from land and power to cooling infrastructure. A practical cost breakdown for facility planners and operators.

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