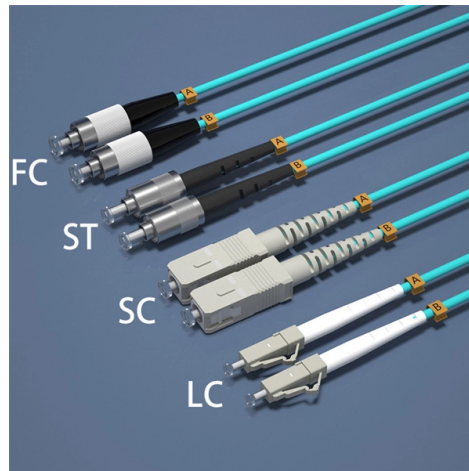


Construction cost of IDC data center



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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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

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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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