

Standard Price for IDC Data Center Construction



Overview

Data center construction costs average \$10-\$12 million per MW, and AI-optimized facilities can reach as high as \$20+ million per MW. The data centre market is entering a new era, driven by the explosive growth of artificial intelligence (AI) and surging global demand. This helps businesses stay competitive, agile and. How Much Does It Cost to Build a Data Center?

Costs range from roughly \$10 million for smaller builds to over \$1 billion for hyperscale facilities. The final number depends on power density, redundancy requirements, and market conditions. Here is what each one will cost to deploy. Strong demand for cloud and AI infrastructure has kept occupancy high in well-located facilities. Get costs, timelines, key steps, and tips to manage your project. Track equipment procurement. Therefore, if a 700,000-square foot, 60-megawatt data center were to be built in Northern Virginia, the world's largest data center market, it would cost between \$420 million and \$770 million to construct the facility, including its powered shell and equipping the building with the appropriate.



Article Content

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Constructing Data Centers Cost & Strategy & Guide

Constructing a data center isn't just about servers — it's a blend of infrastructure, security, efficiency, and future-ready design. If you're diving into

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How Much Does It Cost to Build a Data Center? Key

When examining how much does it cost to build a data center check our guide for expenses design equipment and location factors.

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Data Center Design and Construction: A Complete Guide

Learn how to design and build a data center with this 8-step guide. Explore key components, best practices & requirements for a secure, scalable facility.

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Data Center Construction Costs: Complete Budgeting

What Is the Average Cost Per Megawatt to Build a Data Center? Most builds are around \$10 million per megawatt, depending on location,

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Asia Pacific Data Centre Costs 2026

In this 2026 edition of the Data Centre Construction Cost Guide, we examine data centre development costs across key Asia Pacific markets and

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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.

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

Data centers require reinforced buildings, raised flooring for cable management, and specialized layouts for airflow. Costs typically range from \$600 to \$1,200 per square foot, depending

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Data Center Construction Costs Explained

Below, we'll break down what inflates data center construction costs and share a few strategies experienced builders can deploy to keep those costs in line. The

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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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Data Center Development Cost Guide

Our Data Center Development Cost Guide provides insights across U.S. markets, including building, material, land and labor costs and more.

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Data Center Budget | FGC Construction Services

How Construction Contracts effect Data Center Budgets Take Advantage of Cost-Plus Data Center Contracts For larger projects FGC

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Introduction of T1, T2, T3, T4 grade standards for IDC

The IDC data center computer room is an industry evaluation standard created by the Uptime Institute for evaluating data center infrastructure

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A Guide to Data Center Construction

Data center construction is in high demand with AI and data advances. Find out everything you need to know in our comprehensive guide.

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How Much Does it Cost to Build a Data Center?

As a general rule, it costs between \$600 to \$1,100 per gross square foot or \$7 million to \$12 million per megawatt of commissioned IT load to build a

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Internet Data Center Market Size And Share Report, 2030

Internet Data Center Market Summary The global internet data center market size was estimated at USD 48.70 billion in 2022 and is projected to reach USD 107.26

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Data Center Construction Costs Explained

Data center construction costs millions. Don't let budget blindness catch you by surprise on your next build with this complete guide.

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Data Center Buildout Cost: Complete Pricing Guide

Data center cost per square foot: Construction costs now range from \$600 to \$1,100 per square foot for standard facilities. AI-ready data centers can push well beyond that. According to

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How to Design and Build a Data Center

How to design and build a data center Designing an efficient data center is no small feat. Review data center facility and infrastructure components

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Data Center Construction Cost Guide

Data center construction cost in 2026 runs about \$7M-\$12M per MW or \$600-\$1,100 per square foot. Compare Tier III, Tier IV, and AI build costs.

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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

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Breaking Down Data Center Cost: Building vs. Outsourcing

Building a data center requires a hefty upfront investment, often exceeding initial estimates, driven by land, essential systems, and unpredictable construction

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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

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Data Center Construction: Costs, Timeline, and Delivery Steps

Most data center construction projects fall between \$600 and \$1,100 per gross square foot or \$8 million to \$12 million per megawatt of IT load, depending on site conditions, utility access,

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Data centre construction cost index 2025-2026 | Turner & Townsend

This year's report draws on a global survey of 250 experts. It covers 52 markets, providing a broader view of construction costs across both established and emerging hubs. It includes an index ranking

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Data center construction costs by location 2025| Statista

Data center markets worldwide ranked by cost of data center construction in 2025 (in U.S. dollars per watt) You need a Statista Account for

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Data Center Construction Costs 2026: \$/MW, \$/sqft & Drivers

2026 data center build costs by capacity, region, and tier. Why \$/MW is climbing, how labor and power are reshaping budgets, and what GCs are quoting now.

Feb 07, 2026

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.

Contact Us

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