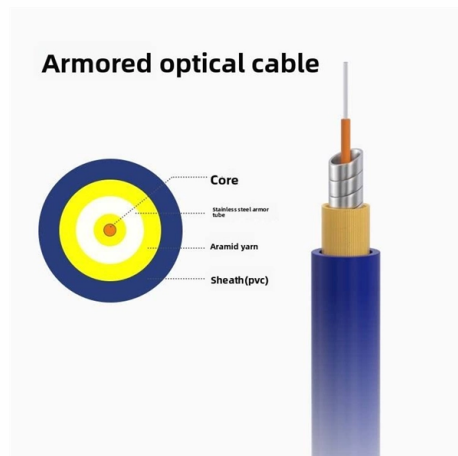


Construction Cost of Small IDC Data Center



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. Operational costs for modern data centers can range from \$10 million to \$25 million annually, heavily influenced by power consumption, maintenance, and staffing expenses. Tight coordination, realistic benchmarks, and the right logistics tools keep projects predictable. Therefore, if a 700,000-square foot, 60-megawatt data center were to be built in Northern Virginia, the world's largest data center. Whether it's your first site or a big expansion, you need to know exactly where your money is going before you spend a single cent. This explosion shows how much the world is.



Article Content

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.

What Does It Cost to Build a Data Centre?

The following examples show estimated construction costs for small to mid-sized on-premises data centres in the UK. Prices are based on a mix of infrastructure costs

Micro Data Centers: A Practical Guide for Small IT Teams

Micro data centers offer a compact, cost-effective alternative to traditional facilities, bringing critical compute and storage closer to where it's

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,

Constructing Data Centers Cost & Strategy & Guide

An architect's layman-friendly guide to constructing data centers covering costs, materials, design, and power solutions to help you plan smartly

Best Data Center Build Out Cost: Top 5 Key Factors

Discover the key factors influencing data center build out costs. Learn about costs per square foot, regional variances, and tier certifications.

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

Costs of a Data Center

The costs of a data center must be calculated from the construction and implementation but also, depending on the needs of the company.

Breaking Down Data Center Cost: Building vs. Outsourcing

The construction of small-scale data centers usually requires an investment ranging from \$200,000 to \$500,000, while they incur yearly operational costs that fall

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

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.

Data Center Construction Costs: Complete Budgeting

Building a data center is a high-stakes capital decision with long-term operational implications. Data center construction costs vary widely based on

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.

An Overview of Data Center Costs (All You Need to Know)

An Overview of Data Center Costs (All You Need to Know) Data centers are an essential component of today's digital economy. Powering

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

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

This data center cost calculator keeps you on budget

This data center cost calculator keeps you on budget Calculating every data center expense can be challenging, but with the right spreadsheet --

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

The complete Data Center build vs Buy Calculator

Are you wondering how much it will take to build your own data center or are you unsure if you have everything accounted for in your construction budget? Use this

Per diem rates

GSA establishes the maximum CONUS (Continental United States) Per Diem rates for federal travel customers.

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.

How Much Does it Cost to Build a Large Colocation Data Center in

The total cost of building a large colocation data center with N+1 redundancy in Hyderabad is estimated to be around USD 4.1 million (INR 35 crores) per MW of IT load. This

How much does it cost to build a data center?

Decoding the Data Center Dollar: A Deep Dive into Construction Costs So, you're wondering how much does it cost to build a data center? Buckle up, because the answer is rarely

How Much Does It Cost to Build a Data Center?

It will cost you about \$1000 a square foot to build a small data center. That's not taking into account that it can often cost in excess of \$10,000 per mile that it takes

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

Contact Us

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