

# The cost of successfully building an IDC Internet Data Center



## Overview

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 on design complexity and tier level. High-tier facilities demand redundancy and durability. Land costs vary widely depending on geography, infrastructure access, and regional policies. Urban areas offer proximity to networks and talent but come with higher land prices and stricter regulations. Building a data center requires a hefty upfront investment, often exceeding initial estimates. Percentage change in data centre construction tender/bid prices in your region over the past 12 months?

The most expensive markets in our data centre construction cost index remain the same as our 2024 report. What is Data. Here's how costs typically come together: Microsoft's recent projects in Castroville, Texas — each ~250,000 sq ft — cost \$350 million. Architect Tip: Begin with a 1,000 sq ft prototype (~\$1M build) to test systems before.



## Article Content

### 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 Infrastructure Cost Analysis 2025:

Data center infrastructure costs are escalating under the weight of AI adoption, sustainability regulations, and regional constraints. The smartest

### 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

### Internet Data Centers Market Size, Share & Forecast to 2030

The Internet Data Centers Market, valued at USD 254.2B in 2024, is projected to reach USD 310.8B by 2030, growing at a 3.4% CAGR.

### 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

### IDC | Trusted Tech Intelligence

Navigate the changing tech landscape with IDC's trusted intelligence and insights from 11 billion data points.

The global IDC Internet Data Center market size will be USD 51415.5 ...

The global IDC Internet Data Center market size was USD 51415.5 million in 2024. The surging demand for cloud computing services is expected to boost sales to USD 105407.71 million by 2031, with a

### True IDC invests over 10 billion baht in the data center

Bangkok, January 31, 2024, True Internet Data Center Company Limited, also known as True IDC, a leading provider of data center and cloud services in Thailand, is

### 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.

### Internet Data Center Market By Size, Share and Forecast 2032

Global Internet Data Center (IDC) market size was valued at USD 61,521.80 million in 2024 and is anticipated to reach USD 1,50,594.58 million by 2032, at a CAGR of 11.84% during the forecast

Global Overlook of Energy Efficient Internet Data Centres (IDCs)

TECHNOLOGIES IN IDC Cooling systems • Even though understood the importance of efficiency, more IDCs are tackling inefficient cooling systems in IDCs, when considering investment Source: Uptime

IDC Internet Data Center Market Industry Size, Share & Insights for 2033

Review insights on IDC Internet Data Center Market, expected to reach USD 100 billion by 2033 from USD 55 billion in 2024, growing at 7.5% CAGR.

IDC Internet Data Center Market Report: Size, Growth,

IDC Internet Data Center Market size is projected to reach USD 75.14 Billion by 2032, growing at a CAGR of 10% during the forecast period 2026-2032 The

Idc Internet Data Center Market Size, Growth, Share, & Analysis

Market Overview The Idc internet data center market is valued at approximately USD 59.3 billion in 2024 and is anticipated to reach around USD 187.6 billion by 2033, reflecting a CAGR

IDC's Architecture and Design: Advantages and Future

Delve into IDC's cutting-edge architecture for future-ready data centers. Explore cybersecurity, multi-cloud, edge computing trends shaping agile, resilient

Costs of a Data Center

To begin with, it will be necessary to construct a building for the Data Center that is efficient. The cost will vary depending on location and

IDC Internet Data Center Market Research Report 2034

The IDC Internet Data Center market was valued at \$285.4 billion in 2025 and is projected to reach \$692.8 billion by 2034, growing at a 10.6% CAGR.

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

What is an IDC Facility? Defining the Internet Data Center

According to IDC research, the global datacenter market is a multi-billion dollar industry, and IDC facilities are a core component of this ecosystem. An IDC facility, or Internet Data Center, is

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

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

Discover essential insights on datacenter costs and budgeting strategies to optimize your investments. Read the guide to enhance your

Gartner | Delivering Actionable, Objective Insight to

Gartner provides actionable insights, guidance, and tools that enable faster, smarter decisions and stronger performance on an organization's mission-critical priorities.

Data Center Construction: Costs, Timeline, and Delivery Steps

How Much Does it Cost to Build a Data Center? 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

Data centre cost trends

Our data centre construction cost index for 2025 shows a 5.5 percent increase in the cost per watt of building a traditional cloud-based, air-cooled data centre. This is markedly lower than the 9.0 percent

Architecting the Internet Data Center – Parts I-IV | StorageMojo

Architecting the Internet Data Center – Parts I-IV Introduction: Internet Scale vs Enterprise Scale The rise of the Internet Data Center (IDC), such as Amazon, Google and Yahoo, in the last 10 years is

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

## Contact Us

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