

The cost of successfully building an IDC Internet Data Center



Overview

You should budget about \$7 million to \$12 million per MW to build a modern data center, or roughly \$600 to \$1,100 per square foot overall. Both have been trending upward. Several factors drive data center. Land Cost Trends: While the weighted average cost of data center land has decreased to \$5. 59 per square foot (\$244,000 per acre) in 2024, prices for parcels 50 acres or larger have surged by 23% from 2023. Increasing Parcel Sizes: Average data center land transactions have grown to 224 acres. What is the average cost of building a 1 MW data center?

Typically between \$7-12 million, depending on region and tier level. How much do cooling systems add to costs?

Cooling can account for 30-40% of total infrastructure costs. Can lighting really impact overall costs?

Yes. The final number depends on power density, redundancy requirements, and market conditions.



Article Content

Why does the 2003 ADC randomize the logon name?

I'm often asked the question: Why does the Exchange 2003 ADC create accounts with a bizarre logon field? (For Example, ADC_BDZQOKNUIZDWPPHG) It's usually hard to answer this

Data Center Pricing Calculator | TierPoint

This TierPoint Data Center pricing calculator will help you compare costs of building your own data center and moving your equipment to a data center provider.

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

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.

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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

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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

Data Center Construction Cost Guide

Modern data centers typically cost \$7M–\$12M per MW or \$600–\$1,100 per square foot to build. Electrical systems are the single biggest

Deconstructing the Data Center: A Look at the Cost

By analysing a benchmark 100-megawatt facility and exploring the different data center models, we explore the immense upfront investments and

The State of AI: Global Survey 2025 | McKinsey

In this 2025 edition of the annual McKinsey Global Survey on AI, we look at the current trends that are driving real value from artificial intelligence.

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NEW YORK, July 8, 2026

Data Center Infrastructure Cost Analysis 2025: Breakdown of CapEx,

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

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

Data center construction costs in 2026 are surging due to power constraints, labor shortages, and the rising demand for AI-ready facilities. Key

Data Center Development Cost Guide

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

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

Data Center Construction Cost | 2025 Cost Breakdown | Cortex

Data center construction is expensive. These are not standard commercial buildings — they are highly engineered facilities packed with complex electrical and mechanical infrastructure.

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