Case Study on IDC Data Center Construction Costs



Overview

Data center construction hit a record $14 billion in July 2025, doubling the previous monthly high and pushing year-to-date spending to $26. Average data center costs climbed to $220 million as developers built larger, more complex hyperscale projects. This helps businesses stay competitive, agile and. Costs are highly regional. AI and High-Density Compute: The New Cost Driver Artificial Intelligence workloads are. IDC's Datacenter Facilities Index offers quantitative insights into current and forecast worldwide datacenter installation patterns through 2029. markets, including building, material, land and labor costs, material and equipment lead times, labor availability, and more.



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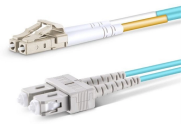
This year''s report draws on a global survey of 250 experts. It covers 52 markets, providing a broader view of construction costs across both established and emerging hubs. It includes an index ranking ...



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



The index is updated annually. It encompasses capital spending for non-IT datacenter facilities, including racks for new construction, retrofits, and existing installed base. It also tracks annual opex spend for ...



This exclusive monthly Data Center Report from ConstructConnect offers a comprehensive look at the latest trends in data center construction, distilling insights from projects ...



This case study examines the I.T. & Software Development and Construction sectors, incorporating insights into data center construction—a field where both industries intersect. The ...

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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. Learn about capital investments, operational ...



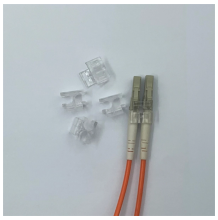
This paper presents a comprehensive quantitative model for quantitative assessment of the lifecycle costs and environmental impacts of computing infrastructure, with a focus on internet ...



Building a data center costs millions, if not billions. Discover the key cost components, hidden logistics expenses, and how technology investment delivers 10–20x ROI.



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



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



While industry reports correctly note that average data center costs are rising, this headline obscures the real story. The average is being pulled up by legacy facilities facing 15–25% annual OpEx inflation, ...

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