

Price of Micro-module Data Center Project



Article Overview

Micro-Module Data Center projects typically range from \$82 for ultra-compact mini PCs to \$36,000+ for high-end integrated rack solutions, with costs influenced by power, cooling, and deployment scale.

Cost Overview by Micro-Module Type

- Ultra-Micro Edge Nodes (Mini PC/NAS)
- Designed for localized data processing, firewall applications, and private cloud storage.
- Price range: \$82 to \$935, depending on CPU (N100 to i7) and RAM/SSD configurations.
- Ideal for SMEs, remote offices, or edge computing deployments.
- Limitations: Limited thermal dissipation for high-density AI workloads without active cooling upgrades .
- Integrated Single-Rack Cabinets
- Self-contained units with power, cooling, and UPS systems, often referred to as "data centers in a box."
- Price range: \$4,350 to \$36,000+, depending on cabinet size, power capacity (3 kVA to 20 kVA), and cooling options .
- Deployment is fast, scalable, and cost-effective compared to traditional builds.

Article Content

Micro Data Center

Product availability varies by country. This is a customized solution and is recommended for larger projects. The detailed

5 Factors for Assessing Total Data Center Cost

We break down the main data center cost variables, where they affect total spending, and how they impact total cost of

Smart Micro Modular Data Center Solutions

Discover Smart Micro Modular Data Center Solutions with One Row One DC, delivering integrated power and cooling, flexible

Demand for prefabricated modular and micro data center solutions ...

Micro-modular data centers (micro-DCs) comprise of single and multi-module designs, which are shipped pre

Top 10: Modular Data Centre Companies | Data Centre Magazine

Here we highlight the top 10 companies leading the modular data centre revolution, ranked by market leadership,

How Much Does it Cost to Build a Data Center?

Notably, one component of a data center that needs to be replaced much more frequently are batteries, which safeguard facilities

Smart Modular Data Center Facilities

The Intelligent Micro Module, the Element of Intelligent Data Centers The modular data center, comprised of micro modules, has

Best Practices for Planning and Deploying Modular Data Centers

This guide details modular data center best practices to help optimize the way organizations acquire and use modular

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.

Modular data center | MDC | prefab | Eaton

The modular data center combines your servers—regardless of make or model—with Eaton electrical

Micro Data Center Cost 2026: Pricing & Trends

Explore micro data center cost trends for 2026. Compare pricing across edge nodes, integrated cabinets, and liquid

Modular Data Center Cost: A Realistic 2026 Breakdown

What is the typical cost range for a modular data center? Modular data center costs range from \$7,000 to \$12,000 per

Emerging Micro Module Data Center Solutions Trends and Opportunities

Explore the dynamic Micro Module Data Center Solutions market analysis, including size, CAGR, drivers like edge

Modular Data Centers: What They Are and What They Aren't

So, you need a data center, and using the cloud or a co-location facility just isn't an option. What are your choices?

How Modular Data Centers Provide Options for State & Local

Other types of modular data centers cost less; on average, an IT module costs \$625,000, cooling modules run \$499,000 and all-in

Low Price Micro Data Center Energy-Saving HVAC | Alibaba

A micro data center is a compact, self-contained version of a traditional data center designed to house IT equipment such as servers,

How Much Does a Data Center Cost? The Complete Guide To 2026

See what a data center really costs in 2026, from build price per megawatt to monthly operating costs. A clear

How Much Does It Cost to Build a Micro Modular Data Center?

For businesses, organizations, and even remote sites, the search for a faster, more efficient alternative has led many

The data centre

The data centre – from mega, to macro, to modular to micro – and what are the cost comparisons between traditional

This data center cost calculator keeps you on budget

Calculating a true data center cost is complex. With the right itemization and depreciation, you'll know Capex, Opex

Data Center Buildout Cost: Complete Pricing Guide

Data center buildout costs depend heavily on factors like facility size, geographic location, tier classification, and the

Modular Data Center Guide: Types & When It Wins | ModulEdge

A modular data center is a complete data center, or a critical-infrastructure subsystem, that is engineered, integrated,

Micro Modular Data Center 2026: Latest Prices & Top Solutions

Understanding the cost structure of a micro modular data center is essential for budgeting. While specific prices

Global Micro Module Data Center Solutions Market Size, Growth

The Micro Module Data Center Solutions Market represents a transformative segment within the broader data center

Data Center Cost Per Rack / KW / MW / SQFT / Cooling

Get detailed info about Data center cost as per amount of mega watt power required and all others

What Are Micro Data Centers and Why Are They Crucial in 2025?

In this guide of gbc engineers, we'll explore the fundamentals of micro data centers, their components, benefits.

Micro-Modular Data Center Market Research Report 2033

The global Micro-Modular Data Center market was valued at \$4.16 billion in 2025 and is projected to grow to \$18.16 billion by 2034,

Data Center Buildout Cost: Complete Pricing Guide

Data center cost per rack: Rack-level costs vary significantly by density and cooling

Data Center Construction Cost Guide

Elon Musk's data center reportedly cost about \$1 billion. That figure reflects dense power infrastructure, renewable integration,

Contact Us

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