

Pricing for Micro-Module Data Center Projects



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 .
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- 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.
 - Suitable for small businesses, healthcare clinics, bank branches, and telecom base stations

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Accelerate AI data center deployment with a prefabricated modular pod—factory-built with power and cooling for scalable, high

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Discover micro data center cost factors, from hardware to deployment. Get insights on pricing tiers and ROI. Click to explore

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Micro Data Center

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

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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.

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Modular Data Centers: Prefabricated Containers and Modules

Modular data centers are prefabricated buildings such as a container that house servers, data hall, or data center module for power

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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,

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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

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Micro Modular Data Center 2026: Latest Prices & Top Solutions

Traditional data center construction involves years of planning and millions in initial investment. In contrast, micro

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Demand for prefabricated modular and micro data center ...

New Omdia research reveals that the market for prefabricated modular and micro data centers will reach \$11.7bn by

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Smart Modular Data Center Facilities

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

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IDC Micro-module data center project for China Unicom

Besides, 7 sets of dual-row cold aisle micro-modules are used in the project, including cold aisle deployment,

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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

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Micro Data Center Companies | Containerized DC Solutions ...

We help businesses to build their own micro data centers such as Mini Data Centers, Micro Mobile Data Centers, Containerized Data

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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.

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Data Center Construction Costs Explained

Data center construction costs millions. Don't let budget blindness catch you by surprise on your next build

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The Intelligent Micro Module, the Element of Intelligent Data Centers

The Intelligent Micro Module can provide simultaneous, efficient operations in order to provide the best green data center, the best

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Modular Data Centers: When They Work, and When They Don't

Modular data centers offer fresh opportunities for the industry, but that doesn't mean they are right for every occasion.

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Pricing Calculator | Microsoft Azure

Configure and estimate the costs for Azure products and features for your specific scenarios.

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Worldwide Small Intelligent Micro-Module Data Center Market 2026

The Global Small Intelligent Micro-Module Data Center Market was valued at USD 11.05 Billion in 2025 and is

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Prefabricated and integrated data center solutions

Overview With a complicated data center project that has short delivery timelines, prefabricated modular solutions and pre

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US Modular Data Center Market Size & Outlook, 2025-2032

By 2032, prefabricated modules are expected to capture the largest market share, as enterprises prioritize scalable, energy-efficient,

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Micro Data Center Cost 2026: Pricing & Trends

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

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

A Micro Modular data center is a self-contained, pre-built IT solution that packs everything you need—servers, power

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The Modular Data Center Ultimate Guide

A modular data center is a quick, flexible, and cost-effective way to boost your data storage.

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Understanding Data Center Pricing Models: A Comprehensive Guide

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

For workloads above roughly 1 MW, the right answer is almost always a prefabricated room or a hybrid campus, not a

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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

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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

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Data Center Development Cost Guide

Our Data Center Development Cost Guide provides insights across U.S. markets, including building,

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EcoStruxure™ Modular Data Center | Schneider Electric

Schneider Electric's modular data center solutions are designed to be quickly deployed, meaning they can be set up and operational

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Data Center Cost Per Rack / KW / MW / SQFT / Cooling / DG & UPS

Get detailed info about Data center cost as per amount of mega watt power required and all others information like total IT load in

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

Modular data centers: 5 form factors, what's inside, economics, and when prefabricated wins over traditional builds for

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Modular Data Center Cost: CAPEX, OPEX & Timeline Drivers

This piece breaks down the cost drivers that actually move the needle - on CAPEX, on OPEX, and on timeline. By

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