Single-cabinet micro-module data center quota pricing



Overview

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

Key Takeaways

Single-cabinet micro-module data centers typically range from $4,350 to over $100,000 depending on configuration, density, and cooling options. Pricing OverviewSingle-cabinet or single-rack micro data centers (MDCs) are self-contained units integrating power, cooling, UPS, and networking within a compact enclosure. Pricing varies widely based on compute density, cooling technology, and vendor customization: Standard integrated modules for SMEs or edge computing: $4,350 to $36,000 for pre-configured 42U cabinets with standard cooling and UPS systems (Schneider Electric, Vertiv, Huawei).

High-density or liquid-cooled configurations for AI, HPC, or specialized workloads: project-specific pricing exceeding $100,000, often including immersion or advanced liquid cooling, high rack density (up to 16 kW per rack), and smart management systems. Ultra-compact edge nodes (mini PC/NAS style) for low-power localized processing: $82 to $935, suitable for small-scale deployments or firewall/micro-server applications.



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Vendor and Product Options

Schneider Electric, Vertiv, Huawei, Rittal, Supermicro: Offer modular single-rack solutions with integrated power, cooling, and monitoring.

Delta Infra

Suite: Provides modular micro data centers under 50 m² or IT loads under 20 kVA, supporting N, N+1, or 2N redundancy, with PUE

Article Content

Micro Data Center Cost 2026: Pricing & Trends

Explore micro data center cost trends for 2026. Compare pricing across edge nodes, integrated cabinets, and liquid-cooled modules. Click to discover the best ROI solutions for AI and

iSmart Series Micro Data Center Solution

Proximal refrigeration, high-efficiency power supply, and the overall annual average PUE of single cabinet ≈ 1.30. The power distribution, UPS, monitoring, and refrigeration cabinets are integrated to

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

But one question always comes up first: how much does it actually cost to build one? Unlike traditional brick-and-mortar data centers that require extensive on-site work, hidden fees, and

Micro Data Center

Delta InfraSuite can be applied in micro datacenters under 50 square meters or with an IT load under 20kVA. It is suitable for regional or small business environment IT applications.

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 modular data center solutions often follow an operational expenditure

Netion Single Cabinet Single Row Micro Module Data Center

Netion Single Cabinet Single Row Micro Module Data Center, Find Details and Price about Micro Module Data Center Modular Data Center from Netion Single Cabinet Single Row Micro

AWS Pricing Calculator

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Configure a cost estimate that fits your unique business or personal needs with AWS products and services. Start your estimate with no commitment, and explore AWS services and pricing for your

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.

Data Center Colocation Pricing: 2026 Cost Per Rack & kW

What data center colocation costs in 2026, priced per rack, per kW, and per cabinet. Compare retail vs wholesale rates so you know if a quote is fair before you sign.

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

Find breakdown of Data center cost per racks unit, sqft and KWH, MWH, Cooling, DG & UPS from our data center cost calculator for small data center like edge and micro data center or Hyperscale Data

Eaton Micro Data Center

The Eaton Micro Data Center represents a cutting-edge solution for eco-friendly data center infrastructure. It combines various subsystems such as UPS, power distribution, cooling, monitoring,

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, storage systems, and networking components in a limited space. It

Data Center Pricing Calculator | TierPoint

This Data Center Pricing Calculator will help reduce the many factors that go into the decision of whether to build a data center in-house or use a colocation provider. Strategic factors may include a business''

Micro Data Center

Micro Data Center Delta InfraSuite is a new generation, highly integrated modular datacenter solution. It uses racks as the datacenter carrier and fully integrates all sub-systems including UPSs, cooling,

MDC | Compact Micro Data Center

A micro data center is a compact, self-contained infrastructure solution that integrates compute resources, storage, power distribution, cooling systems, and security within a single rack-level unit.

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Colocation Data Center Pricing: A 2026 Beginner''s Guide

After nearly 15 years of declining rates, the colocation data center market is experiencing its most significant pricing transformation. Over the last 5 years, the

All Units Sintergrated in a Single Idu Single-Rack Micro Data Center ...

The product of IDU micro data center is a new generation of alternative solution to small IT room, with complete integration of fire,dynamic environment monitoring system, power supply, distribution

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 30 kW–8 MW workloads.

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Technical inquiry: https://cgweb.co.za/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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