

Pricing of Integrated Micro-Modular Data Center



AI Overview

The cost of an integrated micro-modular data center typically ranges from \$50,000 to over \$500,000 depending on size, power capacity, and customization.

Cost Overview

Integrated micro-modular data centers are pre-built, self-contained units that include servers, power backup, cooling, security, and monitoring systems, designed for rapid deployment at edge locations or space-constrained sites . Pricing varies widely based on several factors:

- **Unit Size and Rack Count:** Small units with 1-2 cabinets cost significantly less than larger units with 5-10 cabinets. Each cabinet typically supports 3-20 kVA of power .
- **Power Capacity:** Higher power requirements increase costs due to larger UPS systems, PDUs, and cooling needs. For example, a 3 kVA unit for a small office is much cheaper than a 20 kVA unit for a healthcare clinic .
- **Cooling Systems:** Precision air conditioning or liquid cooling for high-density racks adds to the price. Advanced cooling solutions can reduce operational costs but increase upfront investment .
- **Customization and Integration:** Factory-integrated units with embedded monitoring, security, and management software are more expensive than standard rack-only solutions .
- **Deployment Location:** Edge deployments in remote or harsh environments may require ruggedized enclosures (IP54 or IP65 rated), which can increase costs

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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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Micro Data Center Price List 2021

IEWATT Technology Co., Ltd is a manufacturer of micro data centers located in Hong Kong and Shenzhen, China. The document

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

A micro data center (MDC) is a low-scale highly modular data center that includes all the compute, storage, networking, power,

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

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

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

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

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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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Micro Modular Data Center

Attom Micro Modular Data Center is a plug and play, fully integrated solution with built in cabinet, power, cooling,

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Modular Data Center Solutions | Dell USA

Deploy technology at the edge or anywhere your data is generated with modularized, integrated racks built outside traditional data

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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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Prefabricated modular solutions

Modular data centers assure scalability for future expansions, embody repeatable designs, and exhibit superior quality via factory

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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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Why Modular Data Centers Are Gaining Momentum

Modular data centers are purpose-built to offer flexibility and scalability to adapt to evolving

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

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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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Micro Data Center

Delta's modular datacenter solution offers a datacenter environment that provides safe equipment operations within the racks, and

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Modular Data Center Market size was valued at USD 30.26 billion in 2024 and is anticipated to reach USD 110.69 billion by 2032, at

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

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Micro Data Center Market Size to Hit USD 104.22 Billion By 2035

The global micro data center market size reached USD 9.65 billion in 2025 and is projected to hit around USD

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How Modular Data Centers Provide Options for State & Local

“Modular data centers integrate essential data center components — including power, cooling, and IT — into modular units or

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Micro Data Center Market Skyrockets to \$11.93 Billion by 2031 ...

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Prefabricated Data Center Modules

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Contact Us

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