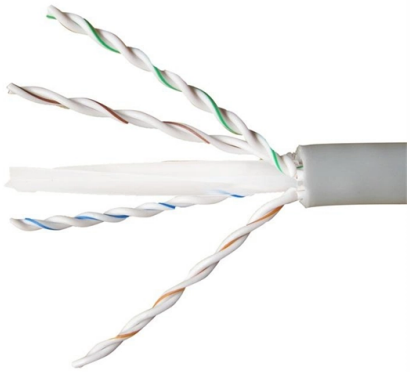
Ranking of Domestic Micro-Modular Data Centers



Overview

Micro-Modular Data Centers Market Tracker – 2025 OmdiaThis is the second edition of the Micro-Modular Data Centers Market report. This tracker will be upda.

Key Takeaways

Top domestic micro-modular data center providers include Schneider Electric, Vertiv, Dell Technologies, HPE, and Eaton, recognized for rapid deployment, scalability, and integrated infrastructure solutions. Leading Companies and Their Offerings1. Schneider Electric – A global leader with strong domestic presence, Schneider Electric provides end-to-end modular solutions integrating power, cooling, racks, and DCIM.

Their Eco

Struxure platform supports scalable micro-modular deployments for hyperscale, edge, and enterprise applications, emphasizing sustainability and rapid deployment. 2. Vertiv – Known for prefab modular blocks and fast deployment, Vertiv's SmartMod™ solutions integrate cooling and power systems, making them ideal for edge computing and multi-megawatt campuses.

Their modular units are highly adaptable for domestic micro data center needs. 3. Dell Technologies – Dell's Modular Data Center (MDC) portfolio focuses on Tier 2 and Tier 3 capabilities, offering compact, containerized solutions for rapid expansion.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Their micro-modular units are optimized for Dell-centric IT ecosystems, providing seamless integration with existing infrastructure. 4. Hewlett Packard Enterprise (HPE) – HPE's Performance Optimized Datacenters (PODs) are designed for high-performance computing in a modular footprint.

Their micro-modular units support hybrid cloud and edge deployments, with a “pay-as-you-grow” model that enhances scalability and cost efficiency. 5. Eaton – Specializing in power resilience, Eaton provides modular power rooms and UPS-integrated micro-modular solutions.

Their offerings are particularly suited for AI/ML workloads and rapid edge deployment, ensuring electrical robustness and operational continuity. 6.

AB

B – ABB integrates electrification and automation in prefab modular systems, delivering industrial-grade reliability for critical loads. Their micro-modular solutions are suitable for domestic deployments requiring high power and automation standards. 7.

Northstar Enterprise + Defense – Focused on rapid deployment in remote or austere environments, Northstar offers scalable micro-modular units for enterprise, telecom, and government applications, emphasizing security and operational continuity. 8.

Blade

Room Data Centres – A UK-based innovator with domestic operations, BladeRoom specializes in energy-efficient, factory-built micro-modular units, reducing on-site construction time and improving quality control. 9. Durata – Durata provides end-to-end turnkey micro-modular solutions, from compact units to containerized systems, tailored for domestic deployment with full lifecycle management from design to commissioning.

Market Trends

The domestic micro-modular data center market is growing rapidly, driven by the need for scalable, mobile, and disaster-resilient infrastructure. These solutions enable rapid deployment, flexible expansion, and integration with hybrid IT environments, AI, and machine learning. Industries such as BFSI, healthcare, IT & telecom, and edge computing are increasingly adopting micro-modular units to optimize capital expenditure and ensure operational continuity.

Key Considerations

When selecting a domestic micro-modular data center provider, consider: Deployment speed – Prefabricated units reduce construction time. Scalability – Modular design allows incremental expansion. Power and cooling integration – Ensures efficiency and reliability.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Edge and hybrid cloud compatibility – Supports modern IT workloads. Operational resilience – Critical for disaster recovery and remote locations. These factors make the listed companies the most reliable choices for domestic micro-modular data center solutions.

Article Content

Micro-Modular Data Centers Market Tracker – 2024 Omdia

This is the first edition of the Micro-Modular Data Centers Market Tracker. This tracker will be updated annually. This report includes 2022 and 2023 as base years and forecasts to 2030.

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, innovation, global scale and strategic focus.

Top 10 Modular Data Centre Companies (2025)

Top 10 Modular Data Centre Companies (2025) Who leads them, what makes them tick — and who''s about to blow the market wide open? 1. Schneider Electric CEO: Olivier Blum Revenue:

Modular Data Center Market

Modular data centers present a viable solution, with uncertainties in demand and the need for quick deployment. By offering lower latency and better connectivity, these data centers are important in the

Top Companies in Micro Mobile Data Center

These companies are at the forefront of developing innovative micro data center solutions that address the growing demand for edge computing and the need for localized data processing and storage.

Modular Data Center Companies

List of the top Modular Data Center companies based on extensive research conducted by Mordor Intelligence analysts and expert advisors that identified these brands to be the leaders and major

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, and how they differ from other modular and prefabricated data center systems.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Top 26 Modular Data Center Construction Companies

Keep reading to discover the top modular data center construction companies. 1. Cannon Technologies Ltd, based in New Milton, England, has been a player in the technology manufacturing sector since

Micro-Modular Data Center Market Research Report 2033

Micro-modular deployments reduce real estate costs by an estimated 35 to 45% compared to full-sized data centers requiring specialized facilities with redundant cooling, power distribution, and security

What Are Micro Data Centers and Why Are They

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

Top 7 Modular Data Center Companies: VMR Analyst

Explore the Modular Data Center market leaders. Our Senior Analysts evaluate Schneider, Vertiv, and Huawei based on PUE efficiency, CAGR, and

9 Listed Companies Developing Small Modular Reactors (SMRs)

Nine publicly traded companies are developing small modular reactor designs, from NuScale''s NRC-certified VOYGR to X-Energy''s Xe-100, Oklo''s fast reactor and Rolls-Royce''s 470

Data Center, UPS & Energy News | KSTAR Insights-KSTAR

The micro-modular data center (Micro-DC) market experienced robust growth in 2023, reaching $2.4 billion in revenue with a 16.2% annual growth rate, driven by broader adoption in

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

Micro-modular data centres (micro-DCs) comprise single and multi-module designs, which are shipped pre-integrated by the supplier. Omdia expects US$3.1B of micro-modular data centre

Why Modular Data Centers Are Gaining Momentum

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

Micro Data Center Market Size, Share & Forecast to 2030

The Micro Data Center Market, valued at USD 12.64B in 2026, is projected to reach USD 32.52B by 2030, growing at a 26.7% CAGR.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Prefabricated Modular Data Centers Market Tracker – 2024

This is the third edition of the Prefabricated Modular Data Centers Market Tracker. This tracker will be updated annually. This report includes 2023 as a base year and forecasts to 2028.

How micro modular data centers simplify complex network routes

The projected growth of micro modular data centers positioned at the network edge can perform some processing functions that create an efficient and cost-effective alternative to traditional,

Contact Us

Continue your research online:

Website: https://cjcconsultants.co.za
Technical inquiry: https://cjcconsultants.co.za/contact.html

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

© 2026 CJC FIBRE CONSULTANTS - All rights reserved