What are some companies that offer micro-module data center services

Overview

Here we highlight the top 10 companies leading the modular data centre revolution, ranked by market leadership, innovation, global scale and strategic focus.

Key Takeaways

Leading micro-module and modular data center companies include Dell Technologies, HPE, Schneider Electric, Vertiv, IBM, Huawei, Eaton, and Northstar Enterprise + Defense, offering scalable, prefabricated, and rapidly deployable solutions. OverviewMicro-module or modular data centers are prefabricated, scalable units designed for rapid deployment, energy efficiency, and flexibility. They are ideal for edge computing, AI workloads, hybrid cloud strategies, and remote or constrained environments.

These solutions reduce on-site construction time, optimize operational costs, and allow incremental expansion as computing needs grow.

Top Companies and Their Offerings

Dell Technologies: Offers Modular Data Centers (MDCs) optimized for Tier 2 and Tier 3 capabilities, focusing on rapid deployment, energy efficiency, and integration with Dell-centric IT ecosystems. Hewlett Packard Enterprise (HPE): Provides Performance Optimized Datacenters (PODs) for high-performance computing and AI workloads, with a "pay-as-you-grow" model and rugged modular units. Schneider Electric: Known for integrated power and cooling solutions, delivering modular units that support sustainability and operational efficiency.

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Vertiv: Offers flexible modular solutions with advanced cooling and power management, suitable for extreme environmental conditions.

IB

M: Provides modular data center solutions with a focus on enterprise-grade reliability and hybrid cloud integration. Huawei: Delivers prefabricated modular units with high scalability and energy-efficient designs for global deployments. Eaton: Specializes in modular power and backup solutions integrated into prefabricated data center modules.

Northstar Enterprise + Defense: Focuses on mobile and modular systems for AI/ML, telecom, defense, and government applications, offering rapid deployment in remote or austere locations.

Key Advantages

Rapid Deployment: Factory-built modules reduce on-site construction time. Scalability: Pay-as-you-grow approach allows incremental expansion. Energy Efficiency: Advanced cooling and power systems optimize operational costs.

Flexibility: Can be deployed in urban, remote, or harsh environments. Integration: Supports AI, HPC, and hybrid cloud workloads with pre-configured IT infrastructure. These companies are shaping the future of micro-module data centers, enabling businesses to meet growing digital demands efficiently and sustainably.

Article Content

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:

Scalable Data Center Solutions

Whether looking to configure the fastest micro data center, expand capacity with colocation and cloud services, or install a modular cable landing station, Vertiv

Stulz: STULZ Modular Modular and micro data centers

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STULZ Modular provides data centre design, build and maintenance services. We specialise in standard & custom-built micro data centres and prefabricated modular data centres.

Top 7 Modular Data Center Manufacturers 2026

The modular data center is highly scalable and flexible. Some of the top manufacturers of modular data centers include HPE, IBM, Eaton, Schneider Electric, Huawei, Dell, Vertiv, and others.

Top 7 Modular Data Center Companies: VMR Analyst Evaluation

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

Modular Data Center Companies

These modular data centers offer flexibility and scalability, making them suitable for businesses with evolving data center needs. Leading modular data center providers include

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.

Micro Mobile Data Center Companies | Market Research Future

Explore the top companies leading the Micro Mobile Data Center Market and driving innovations in this dynamic and evolving industry.

Prefabricated modular solutions

Customize your own modular data center with Vertiv Modular Designer. Even under extreme load conditions, you can support continuous operation of AI applications with reliable and advanced

Micro Data Centers: A Practical Guide for Small IT Teams

Micro data centers offer a compact, cost-effective alternative to traditional facilities, bringing critical compute and storage closer to where it''s needed. Image: Alamy Building a full-scale,

Top 10: Modular Data Centre Companies

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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.

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

Micro data centers are transforming how businesses manage their IT infrastructure, offering agility, security, and efficiency in a compact package. As enterprises shift toward hybrid

Top 7 Modular Data Center Manufacturers 2026

1. Top 7 Modular Data Center Manufacturers In this blog, we will briefly explore a list of some of the top modular data center companies and the list of products they offer: 1.1. Dell Technologies Dell

An overview of containerized data centers and their benefits

A containerized data center, also known as a modular data center, is a data center within a container. For companies that need to increase IT capacity quickly, affordably and temporarily,

9 hot micro-data-center startups to watch

Startups focused on micro data centers could fill a void created by growing demand to process IoT data closer to the network edge.

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