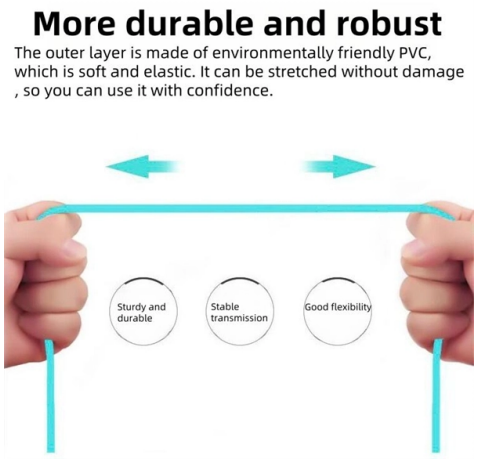
US Micro-Module Data Center Manufacturer



Overview

Top 7 Modular Data Center Companies: VMR Analyst Explore the Modular Data Center market leaders. Our Senior Analysts evaluate Schneider, Vertiv, and Huawei.

Key Takeaways

Leading U. S. manufacturers of micro-modular data centers include Vertiv, Dell Technologies, Hewlett Packard Enterprise (HPE), and CenCore, offering scalable, prefabricated, and rapidly deployable solutions. Key U.

S.

Manufacturers

Vertiv – Headquartered in Columbus, Ohio, Vertiv specializes in critical digital infrastructure, providing micro-modular data centers with integrated power, cooling, and IT management.

Their Smart

Mod solutions are designed for high-density AI clusters and edge computing, offering rapid deployment, modular scalability, and improved energy efficiency with lower PUE in challenging environments. Dell Technologies – Based in Round Rock, Texas, Dell offers modular solutions optimized for rapid expansion of existing IT ecosystems. Their micro-modular units support enterprise, cloud, and edge deployments, enabling fast, plug-and-play expansion while maintaining operational continuity.

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Hewlett Packard Enterprise (HPE) – Headquartered in Houston, Texas, HPE provides Performance Optimized Datacenters (PODs) that focus on high-performance computing in a modular footprint. HPE's micro-modular solutions are rugged, scalable, and designed for hybrid cloud and edge applications, with a “pay-as-you-grow” model for flexible deployment.

Cen

Core – CenCore delivers prefabricated micro data centers tailored for hyperscale, edge, and secure enterprise environments. Their units are fully customizable, supporting advanced HVAC, power distribution, network architecture, and physical security. CenCore's micro-modular systems meet strict TEMPEST and IL4–IL6 standards, making them suitable for defense, telecom, and cloud service providers.

Features and Advantages

Rapid Deployment: Micro-modular units can be assembled on-site in weeks to months, significantly faster than traditional 0.5–2 MW facilities. Scalability: Units are designed for modular expansion, allowing organizations to double capacity with minimal disruption. Customization: Power, cooling, network, and security systems can be tailored to mission-specific requirements.

Edge and A

I Optimization: Many U. S. manufacturers focus on high-density computing, AI workloads, and edge deployments, integrating advanced thermal management and energy-efficient designs. These U.

S.-based micro-modular data center manufacturers provide flexible, secure, and high-performance solutions suitable for enterprise, telecom, cloud, and defense applications, enabling rapid deployment and scalable infrastructure at the edge or core.

Article Content

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

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.

Micro Data Center

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

Supermicro Data Center Server, Blade, Data Storage, AI System

The premier provider of advanced Server Building Block Solutions® for 5G/Edge, Data Center, Cloud, Enterprise, Big Data, HPC and Embedded markets worldwide.

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 offers pre-fabricated but highly

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:

Prefabricated Data Center Modules | Schneider Electric USA

Accelerate AI data center deployment with a prefabricated modular pod—factory-built with power and cooling for scalable, high-density IT infrastructure. Schneider Electric Prefabricated Modular Pod

Turnkey Modular Data Center Solutions for AI and Edge Infrastructure

Turnkey modular data center solutions for AI, HPC, and edge deployments. Vendor-neutral design, factory-built modules, and full lifecycle delivery across North America.

Top 7 Modular Data Center Manufacturers in the World 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.

Modular data center | MDC | prefab | Eaton

Flexible and scalable to meet the ever-changing dynamics of modern data centers, Eaton''s modular data center solutions are designed, built and commissioned

Modular data center | MDC | prefab | Eaton

Eaton''s modular data center solutions are designed to your specific needs and easily scalable and space saving with no customer white space consumed.

Modular Data Center Companies

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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

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 and cooling.

EcoStruxure™ Modular Data Center | Schneider Electric

Transforming data center design and construction, modular data centers conquer space challenges and support quick scaling in industrial environments.

Micro Data Centers: A Practical Guide for Small IT Teams

Micro data centers aren''t the only way for smaller companies to acquire dedicated data center space. Another option is to use colocation, which allows businesses to deploy servers in a

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.

EcoStruxure™ Micro Data Center

Reliable EcoStruxure Micro Data Center offers comprehensive solutions with power, cooling, security, and management for commercial and industrial environments.

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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North American project location: Research Triangle Park, North Carolina, United States

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