Ranking of Integrated Micro-modular Data Centers



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

Top providers of integrated micro-modular data centers include Schneider Electric, Dell Technologies, HPE, Vertiv, and Huawei, recognized for rapid deployment, energy efficiency, and scalable modular solutions.

Top Companies and Their Strengths

Schneider Electric – Leading in smart, all-in-one modular data centers with EcoStruxure integration, offering high efficiency, AI-driven management, and strong global presence, particularly in hyperscale and edge deployments. Dell Technologies – Offers Modular Data Centers (MDCs) optimized for rapid deployment, sustainability, and energy efficiency. Dell's solutions are highly scalable, with over 500 global deployments and extensive experience in prefabricated modules.

Hewlett Packard Enterprise (HPE) – Provides Performance Optimized Datacenters (PODs) and AI/HPC-ready modular units.

HP

E excels in hybrid cloud integration and direct liquid cooling technology for enhanced energy efficiency. Vertiv – Specializes in prefab modular blocks with integrated power and cooling systems. Vertiv is strong in edge and multi-megawatt campus deployments, offering fast deployment and core-to-edge reliability.

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Huawei – Known for FusionModule solutions that integrate power, cooling, IT, and AI-driven management. Huawei focuses on high-efficiency, all-in-one modular data centers, particularly in APAC and MEA markets. Eaton – Focuses on power resilience with UPS, PDUs, and modular power rooms, ideal for AI/ML workloads and rapid edge deployment.

AB

B – Provides integrated electrification and automation in prefab systems, ensuring industrial-grade reliability for critical loads. Rittal – German-engineered scalable solutions for enclosures, power, and cooling, offering repeatable, plug-and-play modular designs.

STUL

Z – Experts in thermal control, delivering ultra-efficient modular enclosures for high-density compute environments.

Blade

Room Data Centres – Pioneers in energy-efficient, factory-built modular data centers with advanced cooling techniques and rapid deployment capabilities. Durata – UK-based provider of end-to-end turnkey modular solutions, from micro data centers to containerized systems, tailored to client specifications. Northstar Enterprise + Defense – Offers mobile and modular solutions for AI/ML, enterprise, telecoms, and government applications, optimized for rapid deployment in remote or austere environments.

Key Considerations

Scalability: Most top providers offer pay-as-you-grow modularity, allowing incremental expansion. Energy Efficiency: Advanced cooling and power management are standard among leaders. Deployment Speed: Prefabricated modules reduce on-site construction time significantly.

Edge and A

I Readiness: Many solutions are optimized for edge computing and AI/ML workloads. Global Reach: Companies like Schneider Electric, Dell, and Huawei have extensive international deployments. These rankings reflect market leadership, innovation, and strategic focus in integrated micro-modular data centers, helping organizations select solutions that balance speed, efficiency, and scalability.

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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. Whether through

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:

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.

Micro-Modular Data Centers Market Tracker – 2025 Omdia

This is the second edition of the Micro-Modular Data Centers Market report. This tracker will be updated annually. This report includes 2024 as a base year and forecasts to 2030.

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

Top 7 Modular Data Center Manufacturers 2026

Some of the top manufacturers of modular data centers include HPE, IBM, Eaton, Schneider Electric, Huawei, Dell, Vertiv, and others.

Modular Data Center Guide: Types & When It Wins | ModulEdge

A modular data center is a complete data center, or a critical-infrastructure subsystem, that is engineered, integrated, and tested in a factory before being delivered to site.

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

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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

Modular Data Center Market

AI and machine learning are increasingly integrated with modular data center solutions, enhancing predictive maintenance, automation, and real-time decision-making capabilities.

Microsoft – AI, Cloud, Productivity, Computing, Gaming

Your productivity, supercharged Microsoft 365 delivers cloud storage, advanced security, and Microsoft Copilot in your favorite apps—all in one plan.

Latest Technology Stock Investing Analysis | Seeking Alpha

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Modular Data Center Market Size, Growth and Forecast 2032

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 a CAGR of 17.6% during the forecast period.

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

This highly integrated solution comprises power supply, cooling, rack & structure, cabling, and management systems within a module, shortening the delivery time to 30 days. KSTAR also

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 2027, with growth fueled by the need to speed-up data center builds in

Top 26 Modular Data Center Construction Companies

Want to Find More Modular Data Center Construction Companies? If you want to find more companies that offer innovative solutions like prefabricated structures and cooling systems you can do so with

Modular Data Centers: An Ideal Solution for Digital Growth in the ...

There are several types of modular datacenters. These can vary in size from large, manufactured units and shipping containers to smaller micro datacenters or integrated racks. Existing facilities or

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Microsoft SharePoint

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