

Micro Modular Data Center Manufacturers



Overview

Top 10: Modular Data Centre Companies Here we highlight the top 10 companies leading the modular data centre revolution, ranked by market leadership, Top 7.

Key Takeaways

Leading manufacturers of micro-modular data centers include Dell Technologies, Hewlett Packard Enterprise (HPE), Huawei, Vertiv, Schneider Electric, IBM, and Eaton. Key Manufacturers and Their Offerings



Dell Technologies provides modular data centers (MDCs) designed for rapid deployment, energy efficiency, and sustainability. Their prefabricated modules reduce time-to-market and operational expenses, with over 500 global deployments and more than 750,000 servers installed . Hewlett Packard Enterprise (HPE) offers Performance Optimized Datacenters (PODs) that focus on high-performance computing and hybrid cloud transitions. HPE's modular units are rugged and optimized for GreenLake consumption models, supporting scalable, pay-as-you-grow deployments . Huawei Technologies delivers the FusionModule series, integrating power, cooling, and rack systems into AI-managed environments. Huawei's modules are cost-competitive and rapidly deployable, particularly in Asia-Pacific and emerging markets, making them suitable for large-scale 5G infrastructure . Vertiv specializes in high-density cooling integration for GPU-heavy AI clusters and critical digital infrastructure, ensuring thermal management for modular scalability . Schneider Electric provides modular solutions with a focus on energy efficiency, rapid deployment, and integrated management systems, suitable for enterprise and edge applications . IBM and Eaton also offer modular data center solutions, emphasizing reliability, scalability, and integration with existing IT infrastructure . Other notable players include Northstar Enterprise + Defence, BladeRoom Data Centres, and Durata, which provide specialized, turnkey, and mobile modular solutions for AI/ML, telecom, defense, and remote deployments .

Advantages of Micro-Modular Data Centers

- **Rapid Deployment:** Prefabricated modules reduce on-site construction time.
- **Scalability:** Units can be expanded or relocated as needed.
- **Energy Efficiency:** Advanced cooling and power management reduce operational costs.
- **Customizability:** Solutions can be tailored for specific workloads, environments, or regulatory requirements.
- **Portability:** Some manufacturers offer mobile or containerized units for remote or austere locations. These manufacturers collectively drive innovation in the modular data center market, offering solutions that bridge the gap between traditional data centers and edge computing needs, making them ideal for enterprises, telecom operators, and government applications.

Article Content

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Prefabricated Data Center Modules

Accelerate AI data center deployment with a prefabricated modular pod—factory-built with power and cooling for scalable, high

Top 26 Modular Data Center Construction Companies

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Website: [cannontech .uk](http://cannontech.uk) Ownership type:

Rakworx

Rakworx is a manufacturer of data center infrastructure. Integrated server cabinets, Power Distribution Units, All-In-One Cabinets

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Transforming data center design and construction, modular data centers conquer space challenges and

Prefabricated modular solutions

However, in contrast, modern modular data centers are conceived, produced, and tested off-site concurrently with site preparation,

Scalable Data Center Solutions

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

Modular Data Centers / POD Supplier for AI & HPC

Turnkey modular data centers for AI and HPC workloads: scalable, prefabricated infrastructure, rapid deployment, enterprise-grade

Top 10 Modular Data Center Companies | 2026

Here is an in-depth breakdown of the top 10 modular data center companies leading the industry.

Modular Data Centers: Prefabricated Containers and Modules

In contrast, modular data center construction utilizes components that are manufactured off-site and delivered as pre-engineered,

Prefabricated Modular Data Centers

FLX-MDC™ prefabricated modular data centers by PCX deliver speed, scalability and full infrastructure for healthcare, retail,

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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

Modular Data Center | CenCore Prefabricated Secure Computing

Whether it's HVAC, power distribution, network architecture, or physical security, CenCore's prefabricated data center systems flex to

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

Data center modular infrastructure

SLB manufactures modular data center infrastructure at scale — engineering, assembling, and qualifying systems offsite at our

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