

Automatic Folding Container Type for Data Centers





Overview

What is a modular data center container?

IT containers based on the modular principle. Modular data centers in containers are the perfect, scalable solution – whether individually for SME, cloud and Edge applications, or as preconfigured data center containers. Growing data volumes and escalating requirements often lead to space problems in existing IT environments.

Are prefabricated data centers becoming more popular?

Currently, highly prefabricated data centers are gaining popularity, and the modular container solution is evolving from a 'general computing power + air cooling' model to an 'AI Diverse Computing Power + Air-Liquid Hybrid Cooling' AIDC model."

What is the AIDC prefabricated container solution?

Called the AIDC Prefabricated Container Solution and launched at MWC Shanghai 2025, the container can support either 8kW air-cooled general computing cabinets, or 40kW liquid-cooled AI computing racks. It also supports "dual-mode computing in one box," which combines the two.

Why is prefabricated AI Data Center better than traditional builds?

Faster timelines – Prefabricated modules can be installed 40% faster than traditional builds, helping meet rising demand for computing capacity more quickly. Chinese vendor ZTE has introduced a new prefabricated AI data center (AIDC) container solution, designed for rising demand for AI computing and rapid infrastructure deployment.



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ZTE Launches Modular AI Data Center for Fast Deployment

Jul 14, 2025 · ZTE unveils its AIDC prefabricated data center container, engineered for AI, HPC, and cloud workloads. Designed for rapid deployment, high efficiency, and sustainability, the ...

Prefabricated Modular Data Center

Prefabricated modular data centers, also known as integrated modular solutions or containerized data centers, are engineered to meet business-specific requirements to fit in a right-sized ...

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The Rise of Container Data Centers (2025), Lian Li

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