

ZTE Modular Data Center



Overview

ZTE modular data center integrates all the subsystems including: cabinets, base, aisle containment, in-row cooling, power distribution cabinet, power supply, batteries, lightning protection, lighting and management system in one architecture. It supports cold/hot aisle. Chinese IT and connectivity solutions provider ZTE Corporation has launched a new modular AI data center 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. ZTE's Artificial Intelligence Data Center (AIDC) solution is a modular, prefabricated system designed to address infrastructure bottlenecks, offering capabilities far more than a standard mobile server container. Energy efficient – A mix of chilled water cooling, cold plate technology and airflow management delivers a PUE as low as 1. During several demonstrations, ZTE showcased its key advancements in AI phones and.



Article Content

ZTE unveils modular prefab AI data center container for

Each ZTE container module handles both general-purpose and AI computing with air or liquid cooling, offering flexibility for mixed workload

Capstone Green partners with MG4AI to deliver modular

Capstone Green Energy has signed a Memorandum of Understanding (MOU) with Microgrids 4 AI (MG4AI) to partner on the

Chinese Giants Tencent and ZTE Launch Modular Data

Chinese giants ZTE Corp. and Tencent Holdings have launched a modular, containerized data center they developed together, claiming the design

ZTE launches AI-focused prefabricated data center

Called the AIDC Prefabricated Container Solution and launched at MWC Shanghai 2025, the container can support either 8kW air-cooled general

AI cloud provider Nscale acquires modular data center company

GPU-based artificial intelligence (AI) cloud provider Nscale has acquired Kontena, a high-density modular data center and AI data center solutions provider. The acquisition is hoped to

Eaton partners with Flexnode on modular data center

It is the second generation of Eaton's existing data center UPS. In June, the company partnered with Siemens Energy to develop an on-site modular

ZTE unveils modular prefab AI data center container for edge workloads

The ZTE executive also detailed the company's integrated approach across networks, computing and energy. The Chinese vendor is deploying modular, prefabricated data center units and AI-based

ZTE National Data Center Solution

Governments of many countries have realized the necessity of building national data centers and even regarded data center construction as a national strategy. Solution Overview ZTE national data center

ZTE Launches AI-Powered Prefab Data Centers for Global ...

ZTE's containerized approach bypasses land and power constraints, especially in emerging markets. It also challenges legacy players: Huawei's modular DCs focus on ICT, not AI.

ZTE unveils AI data centre technologies

The display featured an integrated ecosystem of liquid-cooled cabinets, computing micro-modules, and containerised technology. With these, ZTE is hoping to be able to reduce data centre construction

Modular Data Center Global Market Report 2026

Modular Data Center Global Market Report 2026 - A modular data center consists of portable components strategically placed in any location to offer data center functionalities such as

Amazon-backed nuclear SMR firm X-energy files for IPO

Amazon-backed small modular reactor (SMR) company X-energy has filed for an initial public offering (IPO) in the US.

Modular Data Center-intelligent, economic, safe, green|ZTE

ZTE modular data center integrates all the subsystems including: cabinets, base, aisle containment, in-row cooling, power distribution cabinet, power supply, batteries, lightning protection, lighting and

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

ZTE unveils next-gen AI data center s...

PRESS RELEASE: ZTE Corporation made a compelling statement today at Data Centre World Frankfurt 2025 with the debut of its latest innovations

InfraSuite Modular Server Rack System

By opting for a Delta modular rack cabinet, data centers choose the ultimate combination of convenience, flexibility, and safety. Delta manufactures a 42U

Container Data Center-Highly reliable design provides

The container data center is integrated with the AC and DC power systems, HVAC systems, modular structure of enclosed hot and cold aisle, automatic fire control

ZTE Launches Modular AI Data Center for Fast

ZTE unveils its AIDC prefabricated data center container, engineered for AI, HPC, and cloud workloads. Designed for rapid deployment, high efficiency, and

Microsoft and Armada bring Azure Local to Galleon modular data centers

Azure Local is Microsoft's on-premises offering that brings cloud capabilities to customers' data centers. In November 2025, Microsoft added Nvidia servers to Azure Local to add AI

Tencent and ZTE collaborate on modular, energy

ZTE has in the past collaborated with Tencent on the Pingshan data center in Shenzhen, a micro modular facility designed to provide quick

ZTE Launches Modular Prefabricated AI Data Center

With the explosive growth of 5G and AI, the construction of data centers needs to be rapidly implemented and support flexible expansion.

ZTE's AI infrastructure and AI-powered terminals revealed at MWC ...

The Chinese vendor is deploying modular, prefabricated data center units and AI-based power management, which she said reduce energy use and cooling loads by more than 10%. These

Container Data Center-Highly reliable design provides

The container data center integrates AC and DC power supply system, HVAC system, closed hot and cold channel modular structure, automatic fire protection

ZTE's AIDC Prefabricated Container So...

With the explosive growth of 5G and AI, the construction of data centers needs to be rapidly implemented and support flexible expansion. Currently, highly prefabricated data centers are gaining

Modular Data Center Market Growth Driven by Cloud Computing

Businesses across industries are adopting modular solutions to support cloud computing, AI workloads, edge computing, and high-performance data processing while reducing operational complexity and ...

Product Search

SmartEdge is an industry-leading low-latency edge gateway that provides various services such as video coding, video acceleration and data backhaul. Thanks to

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