

Rebranded Edge Data Center IP65



AI Overview

The Rebranded Edge Data Center IP65 is a rugged, modular edge computing solution designed for outdoor deployment, supporting AI, 5G, and smart city applications with dust- and water-resistant enclosures.

Overview

The IP65 edge data center is engineered for harsh outdoor environments, offering protection against dust ingress and low-pressure water jets, making it suitable for pole-mounted, wall-mounted, or fanless deployments . These systems are optimized for low-latency, high-performance computing at the network edge, supporting AI workloads, 5G networks, and real-time analytics .

Key Features

- **IP65-Rated Enclosure:** Dust-tight and water-resistant, ensuring reliable operation in outdoor conditions .
- **High-Performance Compute:** Equipped with Intel® Xeon® D-2100 or 2nd generation Xeon Scalable processors, providing energy-efficient, high-density processing for edge workloads .
- **Modular Design:** Supports AC or DC power, integrated heating and cooling systems, and scalable storage and networking options .
- **AI and 5G Integration:** IP65+ platforms consolidate multiple 5G networks and AI networking workloads, enabling multi-tenant deployments for municipalities, enterprises, and public safety organizations .

Article Content

CENTRA Charlotte Data Center | 701 E Trade St (5 MW)

Explore CENTRA Charlotte (CLT1) - data center by CENTRA in Charlotte, USA (701 E Trade St). See Specs, Ecosystem and

What is an Edge Datacenter | Glossary | HPE

An edge data center is closer to end users or devices, reducing data transit time and latency. Applications needing real-time

Data Center Lighting Solutions

Data Center Lighting Solutions: Industrial Vapor Tight LED Linear Fixtures Mission-critical environments like data centers, server

SOLUTION BRIEF

The IP65+ solution is built on Supermicro's ruggedized pole-mounted outdoor edge system, capable of operating in temperatures

AtlasEdge

Explore AtlasEdge 18 data centers, incl. locations, specifications and services. Get quotes and market insight at Data Center Map!

What is an Edge Data Center?

Edge data centers are located closer to users and devices at the edge of a network. Learn what they are, their uses

Outdoor Edge Systems

Based on Supermicro's Building Block Solutions®, these 5G systems can be configured with a variety of processor and memory

Top IP65 Server Systems for Edge Computing 2026

Discover why the IP65 server system is perfect for tough edge computing in 2026. Explore our top picks and choose

MSI Accelerates Enterprise AI Strategy with Cloud-to-Edge

Scaling Industrial AI from Liquid-Cooled Data Centers to Autonomous Edge Operations TAIPEI, June 1, 2026

AtlasEdge Data Centres | Built Around You

AtlasEdge operates data centres in strategic European markets where digital demand is accelerating and future capacity matters

What are edge data centers?

Understand what network edge data centers are and their pivotal role in the ever-growing market demand for data.

Supermicro Introduces

"Supermicro's highly configurable SuperServers for extreme outdoor use give data center and telco operators

Edged U.S. | Home

Developing ultra-efficient AI-ready data centers backed by advanced waterless cooling in major markets

Supermicro Introduces - Outdoor Edge Systems - New Category of

Super Micro Computer, Inc., a global leader in enterprise computing, storage, networking solutions, and green

AtlasEdge Data Centres | Built Around You

AtlasEdge Data Centres is one of the fastest growing data centre providers in Europe. Find out more about us!

ALL-IN-ONE READY INDUSTRIAL DATA CENTER SOLUTION Secure Edge Data

The Secure Edge Data Center has been specifically designed to run in industrial environments, bringing enterprise-grade IT capacity

Involta Is Now ark data centers

CEDAR RAPIDS, Iowa, May 15, 2024 /PRNewswire/ -- In response to the surging demand for edge data centers and cloud

Containerized Data Center

Following the growing applications for edge computing, Delta is introducing a new generation of Containerized Data Center Solutions

Reinventing the edge: Siemens, Cadolto and Legrand introduce new ...

Siemens Smart Infrastructure, Cadolto Datacenter GmbH (Munich, Germany), and Legrand Data Center Solutions

Global Data Center Solutions | EdgeConnex

EdgeConneX pioneered the Edge Data Center, building data centers in markets where our customers have a need for proximity,

Edge Data Center

Edge Data Center Prepared to unlock new possibilities at the edge? Vertiv global solutions can design and deliver scalable,

Edge Data Centers 2025

Edge data centers have moved from a niche concept to a cornerstone of modern digital infrastructure. By bringing

Supermicro Adds Outdoor Edge System Family with IP65 Enclosure

The company added an IP65-rated enclosure to its Server Building Block architecture, based on Intel® architecture CPUs, delivering

Hands-on with the IP65 Rated Supermicro Outdoor Edge System

As we move into the 5G era, a lot of industry focus is on how to get compute to the edge which often means putting it

Supermicro Adds Outdoor Edge System Family with IP65 Enclosure

Supermicro Adds Outdoor Edge System Family with IP65 Enclosure Supermicro Outdoor Edge System family leverages Intel®

Edge Data Centres

Edge Centres is an industry leading Edge Data Centre services provider operating a global platform with

Supermicro Introduces - Outdoor Edge Systems - New Category of

Based on Supermicro's Building Block Solutions®, these 5G systems can be configured with a variety of processor and

Edge Data Centers | Alaska Structures

Edge data centers also prevent relying solely on hyperscale data centers. Sectors such as telecommunications, defense, healthcare,

Edge Data Centers

Whether your edge data center is containerized, sitting in a colocation facility, etc., Belden will help you build the infrastructure you

Supermicro Introduces - Outdoor Edge Systems - New Category of

Supermicro Introduces - Outdoor Edge Systems - New Category of 5G Telco, Intelligent Edge, and Streaming Servers for IP65 Cell

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Ultra-efficient data centers in Barcelona, Madrid-Getafe, Bilbao-Arasur and Lisbon offer low latency carrier

Modular Data Centers - Edge Data Centers | Dell India

Purpose-engineered modules that deliver scalable, long-term, and sustainable data center capacity anywhere compute is needed

GDS rebrands international unit as DayOne

Chinese data center firm GDS has rebranded its international unit to DayOne. Singapore-based GDS International has

Contact Us

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