



Global Data Centers | Site brochure

Keihanna 1 Data Center

Solutions with intelligence built in



Worldwide scale, local expertise

Powering Kansai's AI and cloud computing revolution with unwavering stability



Keihanna 1 Data Center

The Kansai region is experiencing explosive growth as a data center services market, solidifying its position as the second-largest growth market in the Asia-Pacific region, right behind the Tokyo metropolitan area. With a robust compound annual growth rate (CAGR) of 12.0%, the demand for top-tier data solutions has never been higher.

Nestled in the heart of Kyoto Prefecture, our Keihanna 1 Data Center is the cornerstone of reliable operations for businesses across the Kansai area and Western Japan. Designed to deliver unwavering stability, Keihanna 1 ensures that your company can thrive with the peace of mind that comes from knowing your critical data is in the most capable hands.

Why Kyoto

Keihanna 1 Data Center is located within a one-hour drive from major cities in the Kansai region, including Osaka, Kyoto, and Nara.

Seika Town in Soraku District, Kyoto Prefecture, is situated on flat land at an altitude of approximately 94 meters, making it a region with a low risk of natural disasters.

Building

This building is a four-story, earthquake-resistant structure that provides a total of 30MW of IT load, reliably supporting 10,900m² of IT space.

In addition to meeting the international Tier III standards for data centers, it features redundant power, cooling, communication systems, disaster preparedness, and enhanced security. With its energy-efficient equipment, it delivers sustainable and secure services.

Adoption of Cutting-Edge Technology

Keihanna 1 Data Center provides an environment that supports the rapidly growing demand for AI, incorporating new technologies such as Direct Liquid Cooling (DLC) systems.

Next to the data center is NTT's research and development facility.

By effectively utilizing group assets, we can accelerate the establishment and deployment of next-generation technologies like IOWN (Innovative Optical and Wireless Network), enabling the rapid implementation of research and development outcomes.

Infrastructure (KHN1)



Data center space

- 10,900m² of IT space
- Parking spaces, Meeting rooms, Rental offices and Customer storage are available
- Purpose-built disaster recovery center for clients needing a 24/7 IT operations room and disaster recovery
- Cages and suites solutions



Cooling

Water-cooling system in N+1 configuration

- Wall-blown air-conditioning
- DLC (Direct Liquid Cooling) and others are also available



Power

- Dual Power Supply System
- Power Capacity for IT equipment: 30MW
- Power receiving: 77kV (from mid-2029)
*at completion: 22kV



Fire protection

- High Sensitivity Smoke Detectors
- N2 gas fire extinguishing



Security

- Pre-registration via Web Entry System
- Unattended reception system
- Identity Verification (IC Card + Biometric Authentication)
- Rack key rental
- 24x7 on-site security presence



Global data center network

- Part of the NTT DATA family
- Connectivity options to our global network



Connectivity

- Carrier-neutral data center campus with diverse connectivity solutions
- Three building cable entry points
- Two Meet Me Rooms



Additional services

- Basic Remote Hand Support
- Advanced Remote Hand Support
*Provide demand-base customized operation
- In-building Wiring Service

Infrastructure (KHN1)



Certifications (Considering obtaining)

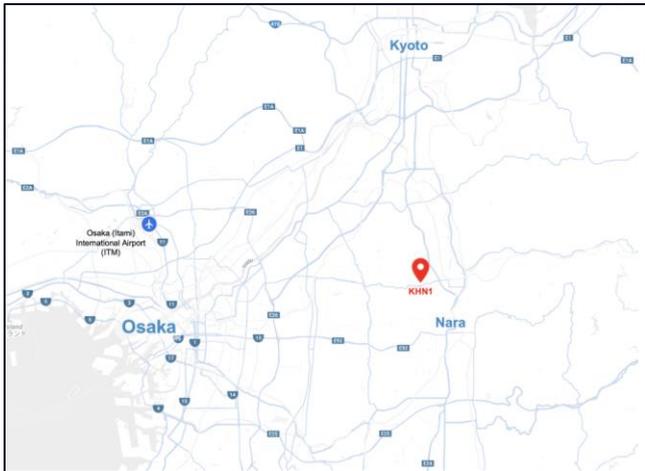
- ISO27001
- PCI DSS
- SOC1 Type2
- SOC2 Type2



Positioned in the heart of Kyoto Prefecture, Keihanna 1 Data Center is the linchpin of reliable operations for businesses across the Kansai region and Western Japan. As the second-largest growth market in the Asia-Pacific, with a robust CAGR of 12.0%, we are committed to providing the unwavering stability and top-tier data solutions your company needs to thrive.

We are where your business is

We're operating multiple data centers in 20+ countries and regions



Keihanna 1 Data Center

Japan | Kyoto

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About Global Data Centers

Global Data Centers, a division of NTT DATA, operates one of the largest data center platforms in the world with more than 155 data centers in over 20 countries and regions spanning North America, Asia Pacific, EMEA, and India. As a neutral operator, we offer access to multiple cloud providers, a wide variety of internet exchanges, and telecommunication network providers, including our own IPv6-compliant Tier 1 Global IP Network.

As a global industry leader, we excel in powering large-scale high-density and AI infrastructures that deliver scalable power and cooling solutions with unmatched efficiency and reliability. We are ready to facilitate client adoption of next-generation technologies for computing at scale, virtualization, data migration, and cloud and B2B private connectivity regionally and globally.

We are committed to operating our data centers with net-zero emissions across our operations by 2030 and in the entire value chain by 2040, as recognized by SBTi (Science-Based Targets initiative). As part of this commitment, we aim to power our data centers with 100% renewable or low carbon energy by 2030.

Visit us at services.global.ntt/globaldatacenters

