Osaka, Japan

KIX01/CAMPUS

Scale from the Central Business Hub in Western Japan

CAPACITY
72MW

CAMPUS SIZE
5.3HECTARES

STACK
INFRASTRUCTURE

Critical Capacity in the Heart of One of Japan's Premier Cultural and Economic Centers

Comprising 43 municipalities, Osaka metropolitan area is home to 19 million people, and Osaka City boasts approximately 2.75 million people, making it the second most populated city in Japan. Osaka acts as a commercial, shipping, and industrial center of western Japan and harbors approximately 180,000 businesses—the second largest concentration in the country. Osaka is a key market for hyperscale, cloud, and large enterprise companies to increase their Asia Pacific footprint.

Located in Osaka's eastern suburb of Keihanna, this 72MW data center campus will comprise three buildings with robust access to power and network to ensure strong reliability. Available solution options, from colocation to custom build-to-suit, provide hyperscale, cloud, and large enterprise clients with the scalability to meet future growth demands. Higher rack densities and industry-leading PUE, WUE, and building standards support evolving workloads while achieving sustainability targets.

Prime Location: Reach businesses, innovators, and 19 million people from the commercial, shipping, and industrial center of western Japan.

Flexible Options: Choose from rack-ready, powered shell, and build-to-suit optionality to meet your specific needs and scalability requirements.

Extensive Security: Operate privately with distinct access points to accommodate multiple users with the security and separation of services.

Comprehensive Connectivity: Capitalize on high-capacity dark fiber and access to major long haul fiber carriers for low-latency connectivity.

Future-Proof Design: Scale with higher rack density and floor loading specifications that reflect the evolving conditions in Japan and Asia Pacific.

STACK
INFRASTRUCTURE

Expand your reach from one of Japan's largest cities.

OPTIONS AVAILABLE

HYPER STACK
BUILD-TO-SUIT

Built to scale.
Our HYPERSTACK build-to-suit option gives you total flexibility and control. Choose our purpose-built Basis of Design as a starting point, or work with the STACK team to develop a customized solution for your company to grow as fast as you need.

POWER STACK
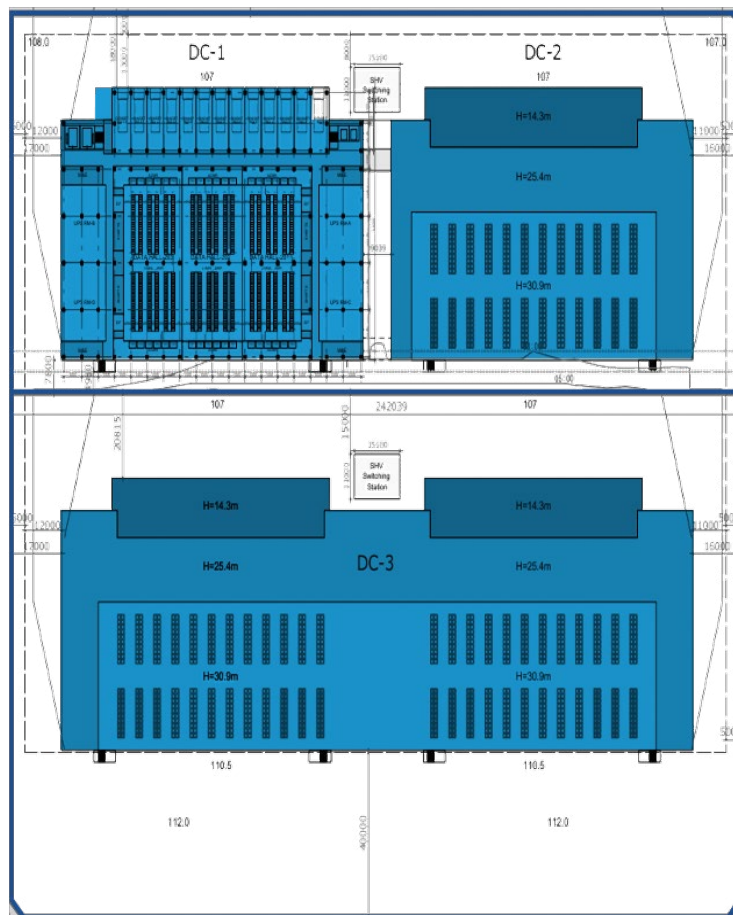POWERED SHELL

A flexible foundation.
POWERSTACK powered shell solutions are customizable base buildings designed for rapid deployments of right-sized capacity on demand. They're fiber-provisioned, fit-out ready, and available fast.

READY STACK
COMMISSIONED CAPACITY

Plug in and go.
When you need capacity even faster, you need READYSTACK. These rack-ready data halls are purpose built for your immediate needs with pre-installed racks, connectivity and power. You bring the equipment. We've got everything else.

STACK INFRASTRUCTURE

CAPACITY
Campus Size
- 5.3 hectares (13.1 acres)
Total Capacity
- 72MW Total Capacity
Deployments
- POWERSTACK™: Immediately available shell capacity
- READYSTACK™: RackReady® data halls
- HYPERSTACK™: Build-to-suit

POWER & RELIABILITY
KEPCO
- 154kV
Electrical Redundancy (Generators / UPS)
- N+1 Block Redundant
Fuel Storage
- 48 hours of bulk fuel storage
PDU
- Dedicated Client PDU / RPP distribution
BMS Controls
- Client access to BMS/EPMS portal available

CONNECTIVITY
Diversity
- 2 Meet-Me-Rooms at ground floor, spatial flexibility to accommodate additional Meet-Me-Rooms
Carrier Availability
- Carrier neutral
- Immediate proximity to major dark fiber carriers: NTT, KDDI, Colt, Arteria & SoftBank

COOLING & EFFICIENCY
Cooling
- N+1 or N+2 water-cooled chillers
Floor Loading
- 23kN/m2; able to accommodate 5000lb racks
Water Storage
- 48 hours of bulk water storage
Annualized PUE target <1.3

SAFETY & SECURITY
Security
- 24 x 7 on-site security personnel
- Dual-factor biometric access
- CCTV coverage with 93-day retention
- Secure vehicle gates with badge access
- Perimeter fencing
- Tenant specific security
- Separate access to tenant cargo and passenger lifts
- Mantraps
Fire Protection
- Dual smoke detection including VESDA
- Clean Agent Gas fire suppression in Data Halls and Electrical Rooms

CERTIFICATIONS SUPPORTED
- ISO Compliance
- IISO 9001
- ISO 14001
- ISO 27001
- ISO 45001
- PCI/DSS
- SSAE SOC 2 Type I and II

AMENITIES
Work Space
- Conference and break rooms
- Complimentary Wi-Fi
- Shared and dedicated office space
Storage
- Shared and private storage/staging
Client Conveniences
- Access to rail
- Complimentary Wi-Fi
- Showers
- Bicycle storage
- Vehicle parking
- Restaurants and shops nearby

STACK provides digital infrastructure to scale the world's most innovative companies. With a client-first approach, STACK delivers a comprehensive suite of campus, build-to-suit, colocation, and powered shell solutions in the Americas, EMEA and APAC regions. With robust existing and flexible expansion capacity in the leading availability zones, STACK offers the scale and geographic reach that rapidly growing hyperscale and enterprise companies need. The world runs on data. And data runs on STACK.