OSA1

Urban data center built on an extremely solid ground.

EN JP



OSA1, Osaka

大阪

Digital Edge operates multiple data centers in both Tokyo and Osaka, covering two of the biggest metros in Japan.

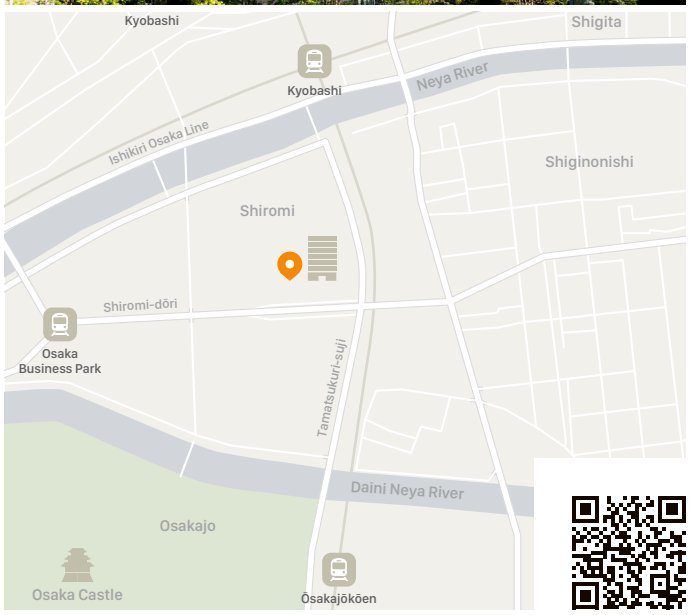
This diverse geographic coverage provides customers with flexibility and optionality for IT and network deployments.

OSA1 is a brand new purpose built construction building that provides over 2,900 cabinets and 14MW of IT power.

We have designed and constructed OSA1 to meet the latest demands from cloud, network, and enterprise customers in terms of power specifications, reliability, security and ESG standards.

OSA1 is located in Osaka Business Park in Chuo-ku , in the Central Business District of Osaka and in close proximity to Osaka station as well as key network hubs in the metro. With Digital Edge's ultra-fast, low latency Cross LinkTM interconnect service and a variety of connectivity options from third party telecommunications providers, OSA1 can easily and cost effectively reach key interconnect locations.

The combination of our strategic location, network connectivity options, and scale make OSA1 an attractive site within the Osaka data center landscape.



Address	Keihanshin OBP B/D 2-2-82 Shiromi, Chuo Ward, Osaka, Japan 540-0001 (➤ 34.6926, 135.5329)
Access	3 minutes walk from Osaka Metro Station. Our data center can be easily accessed via multiple public transport routes.
Parking	Available (by reservation)

Digital Edge DC

Specification

Space

Building

Colocation Space	7,700㎡ (83,000 ft²)
Data center capacity	2,900+ cabinets, 14.4MW
Building type	Purpose-built, multi-tenant
Seismic/flood resistant design	Intermediate-layer vibration isolation structure with seismic vibration control oil damper on each floor. Built in an area with a low risk of flooding based on the government issued hazard map.
Parking	Available (by reservation)

Floor

Floor type	Raised Floor
Floor load capacity	Slab: 1,800kg/m²
	Raised: 6 kN/m²
Ceiling Height	6 m (slab to slab)

Fire Suppression

VESDA, Nitrogen gas extinguishing, Centrally controlled at Disaster Prevention Center

Products and Sevices

Colocation

Cabinets, Cage

Interconnection

Cross Connect, Cross Link™

On-site Services

Remote Hands Available 24 × 365

Telecommunication Infrastructure

Fiber Entry Point	4 MDFs

Facilities

Power and Cooling

Power and Cooling Density	4 kVA per cabinet
Utility Feeders	2
UPS Configuration & Redundancy	N+1, Block Redundancy
Standby Power Configuration & Redundancy	N+1, Gas turbine generators
Cooling Configuration & Redundancy	N+20%, CRAH + Air-cooled module chiller
Fuel tank	backup time: 48h
	PUE Average: 1.32

Security

24 × 365 on-site security and monitoring, CCTV, card readers, biometrics identification, mantrap

Reliability

Tier

Tier 3

SLA

100% Availability for redundant power circuits configuration
99.99% for single power circuit configuration

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