

Japan / Site / Published revision 1

AirTrunk OSK2 Osaka Downtown East

100 MW · IT load

OSK2 total campus IT capacity, announced upper limit

Also known as: OSK2 · OSK2 – 大阪東部

Development status: planned

AirTrunk announced a second Osaka hyperscale campus in East Osaka on 17 December 2025, complementing the separate OSK1 campus in West Osaka and serving the Kansai region. Planned capacity exceeds 5 MW; operator capacity statements require reconciliation. No specific property address or coordinates were established.

Last researched: 2026-10-09 | Last verified: Not independently verified

Tracked dataset only. Unknown values are not zero. Evidence dates and measurement definitions must be considered when comparing sites.

Site photographs

No approved property photo available.

Site profile

Field	Published information
Operator	AirTrunk [2] [5]
Owner	Unknown
Business model	unknown
Scale	hyperscale [2]
Country	Japan [2] [4]
State / region	Osaka Prefecture [5]
Metro area	Osaka [5]
City / locality	Unknown
Address	Unknown
Coordinates	Unknown · area precision. Operator identifies East Osaka / Osaka Downtown East only; no property point established. East Osaka is not treated as proof of Higashiosaka municipal jurisdiction.
Parent	Not assigned

Capacity evidence

Do not add these claims together. IT load, facility power, grid connection and unspecified power are different measurements. Cumulative and incremental scopes remain separate.

Measurement	Development scope	Evidence / accounting
>50 MW Unspecified power	OSK2 total capacity; phase scope not specified planned · unclear	[1] conflicting · 2026-10-09 Excluded from totals. Undated page observed on retrieval date; 50+ MW is not defined as IT, facility or grid power. Not demonstrated to be an initial phase of the 100 MW announcement.
100 MW IT load	OSK2 total campus IT capacity, announced upper limit planned · cumulative	[2] conflicting · 2025-12-17 Excluded from totals. Announcement date. Source says up to 100 MW: exact refers to the stated ceiling, not guaranteed delivered load. Schema lacks an upper-bound qualifier; retain this limitation during review.
>100 MW Unspecified power	OSK2 coming-soon campus capacity planned · unclear	[3] conflicting · 2026-10-09 Excluded from totals. Undated timeline observed on retrieval date lists 100+ MW; basis unspecified and wording differs from the announcement's up-to-100 MW IT ceiling. Do not sum these claims.

Development timeline

2025-12-17 · announcement · Second Osaka campus announced

AirTrunk announced plans to develop OSK2 in East Osaka; no construction or opening dates disclosed in the announcement. [2]

2024-12-23 · actual corporate ownership change · AirTrunk acquisition completed

Corporate acquisition by Blackstone-led consortium including CPP Investments completed; this does not establish OSK2 land or building ownership. [8]

Disclosed specifications

Gross floor area: Approximately 32,000 m²

Operator design disclosure; not land area or verified completed floor area. [1]

Technical data hall area: Over 7,000 m²

Operator disclosure; building and phase allocation unspecified. [1]

Electrical feeds: 77 kV diverse high-voltage feeds

Voltage is not MW capacity; energization not established. [1]

Connectivity: Carrier neutral with multiple entry paths

Named carriers and live connectivity not disclosed. [1]

Regional relationship: Complements separate OSK1 campus in West Osaka

Separate Osaka campuses; no common physical parent campus established. [2]

Corporate investors: Blackstone and CPP Investments consortium alongside Robin Khuda

Corporate ownership context only; legal property ownership remains unknown. [7]

Research gaps

- Property address, municipality, parcel and coordinates
- Legal property owner and site-specific development entity
- Construction commencement and current physical progress
- Opening schedule and individual building/phase hierarchy
- Reconciliation of 50+ MW, up to 100 MW IT and 100+ MW claims
- Actual commissioned IT load and grid connection capacity
- Site-specific cooling, rack count, density, numerical PUE, energy sourcing, certifications and tenants
- Verified property photographs and reuse rights

Sources and field evidence

Attribution does not establish independent verification or permission to reuse images. URLs refer to public evidence.

[1] OSK2 Osaka Downtown East | AirTrunk

<https://airtrunk.com/location/osk2-osaka-downtown-east/>

Published: Unknown · Retrieved: 2026-10-09

Names OSK2 in Osaka Downtown East; reports 50+ MW total capacity, approximately 32,000 square metres GFA, over 7,000 square metres technical halls and 77 kV feeds.

[2] AirTrunk to build second Osaka hyperscale data centre to support AI growth

<https://airtrunk.com/airtrunk-to-build-second-osaka-hyperscale-data-centre-to-support-ai-growth/>

Published: 2025-12-17 · Retrieved: 2026-10-09

Announces planned OSK2 in East Osaka, Japan, with up to 100 MW total campus IT capacity; distinguishes OSK1 in West Osaka and identifies Kansai regional resilience.

[3] Our Story | AirTrunk

<https://airtrunk.com/about-airtrunk/our-story/>

Published: Unknown · Retrieved: 2026-10-09

Timeline lists OSK2 announcement in December 2025 and describes OSK2 as coming soon with 100+ MW.

[4] 日本 | AirTrunk

<https://airtrunk.com/ja/location/%E6%97%A5%E6%9C%AC/>

Published: Unknown · Retrieved: 2026-10-09

Japan portfolio lists OSK2 – 大阪東部 separately from OSK1 – 西大阪.

[5] AirTrunk: Osaka OSK2 Data Center | Baxtel

<https://baxtel.com/data-center/airtrunk-osaka-osk2>

Published: Unknown · Retrieved: 2026-10-09

Lists planned status, Osaka metro and Osaka Prefecture. Its 2027 first-phase statement lacks corroborating primary evidence; nearby-property descriptions must not be attributed to OSK2.

[6] AirTrunk、大阪東部でハイパースケールデータセンター「OSK2」建設へ | Cloud Watch

<https://cloud.watch.impress.co.jp/docs/wdc/2078990.html>

Published: 2026-01-20 · Retrieved: 2026-10-09

Reports planned second Osaka campus in eastern Osaka with maximum 100 MW campus IT capacity, consistent with the announcement.

[7] Our Investors | AirTrunk

<https://airtrunk.com/about-airtrunk/our-investors/>

Published: Unknown · Retrieved: 2026-10-09

Describes corporate investment by a Blackstone/CPP Investments consortium alongside founder Robin Khuda; does not identify OSK2 property title.

[8] Completion Of AirTrunk Acquisition By Blackstone - Marking New Era Of Growth

<https://airtrunk.com/completion-of-airtrunk-acquisition-by-blackstone-marking-new-era-of-growth/>

Published: 2024-12-23 · Retrieved: 2026-10-09

Confirms completion of corporate acquisition by a Blackstone-led consortium with CPP Investments.

[9] Osaka 2 hyperscale data centre, Japan | Engineering News

<https://www.engineeringnews.co.za/article/osaka-2-hyperscale-data-centre-japan-2026-06-26>

Published: 2026-06-26 · Retrieved: 2026-10-09

Project profile repeats East Osaka and up to 100 MW IT; describes AirTrunk as project owner, but gives no start/end dates or new developments.

Name: [1] [2]

Aliases: [2] [4]

Kind: [2]

Country: [2] [4]

Region: [5]

Metro: [5]

Operator: [2] [5]

Scale: [2]

Statuses: [2] [3] [5] [6]

Summary: [1] [2] [3]

Location: [1] [2]

Stable identifier: 0303abf3-c0cf-4ac4-b416-9d77893c7f67