

Japan / Site / Published revision 1

Vantage KIX1 Osaka Campus

≈68 MW · IT load

Ultimate KIX1 campus across two buildings

Also known as: Osaka (KIX1) Data Center Campus · KIX1キャンパス

Development status: unknown

Vantage's two-building hyperscale campus development in Ibaraki, Osaka Prefecture, has disclosed ultimate capacity of up to 68 MW critical IT load, including a 28 MW first facility named KIX11. Construction and topping out are documented; actual commissioning and current building-by-building status remain unresolved.

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	Vantage Data Centers [1] [2]
Owner	Unknown
Business model	colocation [2] [7]
Scale	hyperscale [2] [5]
Country	Japan [1] [5]
State / region	Osaka Prefecture [2] [5]
Metro area	Osaka [1] [6]
City / locality	Ibaraki [1] [5]
Address	Unknown
Coordinates	Unknown · unknown precision. Ibaraki locality established by operator and JETRO; no independently corroborated property point proposed.
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
≈68 MW IT load	Ultimate KIX1 campus across two buildings planned · cumulative	[1] reported · 2026-10-09 Excluded from totals. Operator says up to 68 MW; this is a ceiling, not commissioned capacity. Schema lacks an upper-bound qualifier, so approx is used with this explicit limitation. As-of is retrieval date of undated page.
28 MW IT load	First KIX1 building, identified separately as KIX11 by operator post planned · incremental	[1] reported · 2026-10-09 Excluded from totals. Part of the 68 MW campus total, not additional to it. Undated operator page retains mid-2026 planned operation; actual opening is unconfirmed. As-of is retrieval date.
28 MW IT load	First building of KIX1 campus planned · incremental	[2] reported · 2024-05-23 Excluded from totals. Announcement-date claim with early-2026 delivery target; overlaps c2 and campus total.

Development timeline

2024-05-23 · announcement · Japan first-campus groundbreaking announced

Japanese operator release announced construction commencement in Ibaraki with Taisei; date is release date, not independently established ceremony date. [2]

early 2026 · planned · Original first-building operation target

28 MW first facility targeted for early 2026; does not establish actual operation. [2]

mid-2026 · planned · First-building target on current English facility page

Undated operator page retrieved October 9, 2026 gives mid-2026; elapsed target is not evidence of completion. [1]

Disclosed specifications

Campus land area: 12 acres (5 hectares)

Operator rounded disclosure; Baxtel's individual listing reports 16 acres and remains unreconciled. [3]

Campus building space: 485,000 square feet (45,000 square meters)

Planned combined space across two facilities; not stated as data-hall area. [3]

Building design: Two buildings with seismic base isolation

Development design, not an independently verified completion assessment. [2]

Power density: 325 W/square foot (3.5 kW/square meter)

Sheet calls this average density in features and up to 325 W/square foot in specifications; preserve ambiguity. [3]

Electrical infrastructure: N+1 on-campus 77 kV substation; KEPCO supply; diverse feeds; 415/240 V distribution

Design disclosure; neither grid MW nor energized status established. [3]

Cooling: Closed-loop chilled water with air-side economizers; CRAH units in opposing galleries; N+1 overall and N+2 component-level mechanical redundancy

Operator design claims; no measured operating performance established. [3]

Water efficiency: Near-zero WUE

Design claim with no independently measured result or reporting period. [3]

Connectivity: Two meet-me rooms per building; three campus entry points; minimum two fiber paths per carrier

Planned design; named installed carriers not established. [3]

Construction partner: Taisei Corporation

Named by operator at groundbreaking and topping out. [2]

Research gaps

- Actual first-building commissioning date and operational capacity
- Current second-building construction status and delivery schedule
- Primary-source street address, parcel boundaries and property coordinates
- Legal property owner and tenure
- Grid connection capacity and total facility electrical demand
- Public tenants, rack count, achieved PUE and site certifications

Sources and field evidence

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

[1] Osaka, Japan Data Center Campus — Vantage Data Centers

<https://vantage-dc.com/data-center-locations/apac/osaka-japan/>

Published: Unknown · Retrieved: 2026-10-09

Operator identifies KIX1 in Ibaraki, Japan; two buildings, up to 68 MW critical IT load and 28 MW first facility targeted for mid-2026. Initial open succeeded; subsequent opens failed.

[2] Vantage Data Centers が日本第1号のキャンパスを着工

<https://digitalpr.jp/r/88674>

Published: 2024-05-23 · Retrieved: 2026-10-09

Vantage-issued announcement identifies Ibaraki, Osaka Prefecture, groundbreaking, two seismic-isolated buildings, 28 MW first-building IT load and early-2026 target; Taisei is construction partner.

[3] Osaka Data Center Campus Overview — operator data sheet

https://vantage-dc.com/wp-content/uploads/2024/05/VDC_DataSheet_APAC_Osaka-1.pdf

Published: Unknown · Retrieved: 2026-10-09

Undated sheet discloses campus area, building space, IT capacity, density, cooling, power infrastructure and connectivity design. URL path is not treated as publication date.

[4] Vantage APAC construction update: Osaka topping out

https://www.linkedin.com/posts/vantage-data-centers_vantageapac-construction-datacenters-activity-7282516365196886019-7mxU

Published: Unknown · Retrieved: 2026-10-09

Public operator post confirms first facility KIX11 topped out, 28 MW IT capacity, early-2026 target and Taisei partnership. Only a relative post age was displayed.

[5] JETRO Invest Japan Report 2025

https://www.jetro.go.jp/ext_images/en/invest/investment_environment/ijre/2025/ijreENreport2025.pdf

Published: Unknown · Retrieved: 2026-10-09

Page 23 records Vantage's May 2024 construction announcement for Osaka KIX1 in Ibaraki City, Osaka Prefecture, serving hyperscalers and cloud providers.

[6] Vantage: Osaka KIX1 Campus — Baxtel

<https://baxtel.com/campus/vantage-osaka-kix1-campus>

Published: Unknown · Retrieved: 2026-10-09

Directory labels campus operational with expansion in progress, lists KIX12 under construction and supplies coordinates 34.85262, 135.53298 without property-point methodology.

[7] Vantage Osaka (KIX1) — Baxtel

<https://baxtel.com/data-center/vantage-osaka-kix1>

Published: Unknown · Retrieved: 2026-10-09

Directory identifies KIX11 as operational, built 2026, at 6-chome-16 Saitoasagi, Ibaraki; reports 16-acre lot, conflicting with operator's 12-acre campus.

[8] Vantage KIX1 — 日本のデータセンターマップ

<https://datacenter-maps.com/facilities/vantage-osaka-kix1>

Published: Unknown · Retrieved: 2026-10-09

Directory marked last checked August 3, 2026 retains under-construction status and limits reliable location disclosure to Ibaraki. Its receiving-power labels differ from operator IT-load terminology.

[9] Vantage Data Centers Japan recruitment: critical facilities engineer

https://doda.jp/DodaFront/View/JobSearchDetail/j_jid_3015629778///-tab_jd/

Published: 2026-09-11 · Retrieved: 2026-10-09

Employer recruitment page updated September 11 describes startup work at a newly established Ibaraki data center; does not give an explicit commissioning date.

[10] Vantage tops out first Osaka facility in Japan — DCD

<https://www.datacenterdynamics.com/en/news/vantage-tops-out-first-osaka-facility-in-japan/>

Published: Unknown · Retrieved: 2026-10-09

Opened industry report documents first-building topping out; image search exposed an aerial construction image. Capture date and reuse license were not established.

Name: [1] [2]

Aliases: [1] [2]

Kind: [1] [2]

Country: [1] [5]

Region: [2] [5]

City: [1] [5]

Metro: [1] [6]

Operator: [1] [2]

Business Model: [2] [7]

Scale: [2] [5]

Location: [1] [5]

Summary: [1] [2] [4] [6] [8]

Stable identifier: 34461a90-142f-4c23-8305-2b5891dc81ff