

Japan / Site / Published revision 1

Osaka Sakai AI Data Center

Unknown MW · Total facility power not established

See capacity evidence for reported claims.

Also known as: 大阪堺AIデータセンター · Sakai AI Data Center

Development status: planned

SoftBank is developing an AI data center on acquired former Sharp LCD factory property in Sakai, Osaka Prefecture. It is intended for internal AI development and external computing services. Current operator targets specify FY2027 operations. Historical receiving-power plans and the newer 140 MW computing-infrastructure estimate have different scopes and must not be added. KDDI's Osaka Sakai Data Center is a separate project.

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	SoftBank Corp. [3] [6]
Owner	SoftBank Corp. [7] [3]
Business model	owner operated [3]
Scale	unknown
Country	Japan [3] [6]
State / region	Osaka Prefecture [1] [6]
Metro area	Unknown
City / locality	Sakai [1] [6]
Address	Unknown
Coordinates	Unknown · area precision. Former Sharp Sakai LCD factory property in Sakai, Osaka Prefecture; operator identifies the property but no facility-specific point or parcel boundary was established.
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
≈150 MW Grid connection	Initial AI data center receiving-power plan in the 2024 announcement planned · cumulative	[2] reported · 2024-06-07 Excluded from totals. As_of is announcement date. Japanese source specifies receiving capacity, not IT load; historical proposal.
>400 MW Grid connection	Future expanded receiving-power capacity in the 2024 proposal planned · cumulative	[2] conflicting · 2024-06-07 Excluded from totals. Historical expansion target; later announcement instead states above 250 MW. Do not add to initial capacity or treat as current committed supply.
≈150 MW Grid connection	AI data center receiving-power capacity under the 2025 acquisition plan planned · cumulative	[1] reported · 2025-03-14 Excluded from totals. As_of is announcement date; associated with then-targeted 2026 operations. Not operational power or IT load.
>250 MW Grid connection	Future expanded receiving-power capacity under the 2025 acquisition plan planned · cumulative	[1] reported · 2025-03-14 Excluded from totals. Revised future target compared with 2024's above-400 MW proposal; includes expansion rather than an additive increment.
≈140 MW Grid connection	Estimated receiving power required for targeted 110 exaFLOPS Sakai AI computing infrastructure planned · unclear	[4] estimate · 2026-05-11 Excluded from totals. As_of is dated investor briefing. Footnote explicitly describes an estimated requirement; relationship to historical site receiving capacity and expansion is unspecified. Current KPI targets FY2027 operations.

Development timeline

2024-06-07 · announcement · Sharp-SoftBank memorandum of understanding

Announced proposed conversion of former LCD factory assets into an AI data center. [2]

2025 · planned · Original operating target

2024 announcement targeted full operations in 2025; later operator plans superseded this target. [2]

2025-03-14 · actual · Property purchase agreement signed

SoftBank signed an approximately ¥100 billion land/building acquisition agreement with Sharp; signing is distinct from closing. [1]

2025-09-27 · announcement · Acquisition completion reported

Investor presentation stated acquisition was complete; this date is the presentation date, not an independently established closing date. [7]

2026 · planned · Revised operating target

2025 announcement targeted operations during 2026; current operator KPI instead indicates FY2027. [1]

2026-05-11 · announcement · AX/GX industrial cluster announced

AI data center positioned alongside planned AI hardware and energy-related manufacturing activities. [6]

FY2027 · planned · Current AI data center operating target

Current operator KPI targets FY2027 operations for Sakai; no actual opening was established. [5]

Disclosed specifications

Acquired property land area: Approximately 450,000 m²

2025 disclosed property scope; not a measured data hall footprint. Earlier proposal reported approximately 440,000 m². [1]

Acquired property building floor area: Approximately 840,000 m²

Existing buildings contemplated for reuse; not confirmed dedicated data center floor area. Earlier proposal reported approximately 750,000 m². [1]

Target AI computing performance: 110 exaFLOPS

Planned infrastructure; no deployed performance or GPU count established. [4]

Infrastructure reuse: Former LCD factory power supply and cooling assets

Reuse intention; detailed server cooling design and redundancy were not disclosed in reviewed evidence. [3]

Service scope: Internal AI development and external university, research institution and enterprise use

GPU/cloud services do not establish conventional colocation or named committed tenants. [3]

Sustainability intention: Promote carbon neutrality

An aspiration; no site-specific achieved certification, PUE or renewable-energy percentage established. [3]

Related development: AX Factory and GX Factory industrial cluster

AI operations/hardware and battery/solar manufacturing have different functions and schedules; no separate facility hierarchy proposed. [6]

Research gaps

- Exact address, acquired parcel boundaries and facility coordinates
- Physical construction stage and commissioning progress
- Actual energized capacity and IT load
- Reconciliation of historical 150 MW receiving capacity, future expansion targets and newer 140 MW requirement estimate
- Data hall area, racks, density, cooling design, PUE and certifications
- Named committed tenants and facility-specific business contact
- Current property photographs with established reuse rights

Sources and field evidence

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

[1] AIデータセンターの構築に向けて、シャープ堺工場の土地や建物の取得に関する契約を締結

https://www.softbank.jp/corp/news/press/sbkk/2025/20250314_01/

Published: 2025-03-14 · Retrieved: 2026-10-09

Purchase agreement for former Sharp property in Sakai; approximately 450,000 m² land and 840,000 m² building floor area; approximately 150 MW receiving capacity, future expansion above 250 MW and a 2026 operating target.

[2] シャープ堺工場を活用した大規模なAIデータセンターの構築について

https://www.softbank.jp/corp/news/press/sbkk/2024/20240607_01/

Published: 2024-06-07 · Retrieved: 2026-10-09

Original joint announcement: approximately 440,000 m² land, 750,000 m² building floor area, approximately 150 MW receiving capacity and future expansion above 400 MW; planned autumn 2024 construction and 2025 operations. Includes planned-area aerial and existing factory exterior photographs.

[3] SoftBank Corp. Integrated Report 2025 — What Is Our Long-term Growth Strategy?

https://www.softbank.jp/en/corp/set/data/ir/documents/integrated_reports/pdf/sbkk_integrated_report_2025_02_en.pdf

Published: Unknown · Retrieved: 2026-10-09

Report page 23 names Osaka Sakai AI Data Center, describes acquired Sharp property and internal/external AI use, and repeats the 2026 opening and approximately 150 MW/above 250 MW plans.

[4] SoftBank Corp. Investor Briefing — Earnings Results for the Fiscal Year Ended March 31, 2026

https://www.softbank.jp/en/corp/set/data/ir/documents/presentations/fy2025/investors/pdf/sbkk_investors_presentation_20260511_en.pdf

Published: 2026-05-11 · Retrieved: 2026-10-09

Slide 47 includes Sakai construction investment and 140 MW, explicitly defined as estimated power receiving capacity required for the targeted 110 exaFLOPS AI computing infrastructure.

[5] ③AIとの共存社会を支える次世代社会インフラの実現

<https://www.softbank.jp/corp/sustainability/materiality/next-gen-infra/>

Published: Unknown · Retrieved: 2026-10-09

Current operator KPI specifies Sakai AI data center operations in FY2027 with 140 MW; footnote defines estimated receiving capacity required for the planned 110 exaFLOPS infrastructure.

[6] SoftBank Corp. Launches Gigawatt-Hour-Scale Battery Business in Japan to Build Next-Generation Infrastructure that Supports the AI Era

https://www.softbank.jp/en/corp/news/press/sbkk/2026/20260511_01/

Published: 2026-05-11 · Retrieved: 2026-10-09

Identifies the developing Osaka Sakai AI Data Center on former Sharp property as the core of AX and GX factories; distinguishes AI operations/hardware manufacturing from battery and solar manufacturing.

[7] ソフトバンク株式会社 日経・東証IRフェア2025会社説明会

https://www.softbank.jp/corp/set/data/ir/investor/briefings/pdf/20250927_01_material.pdf

Published: 2025-09-27 · Retrieved: 2026-10-09

Slide 23 states acquisition of Sharp Sakai land and buildings was completed, with approximately ¥100 billion investment.

[8] 大阪堺データセンターを1月22日から稼働開始

https://newsroom.kddi.com/news/detail/kddi_nr-891_4287.html

Published: 2026-01-22 · Retrieved: 2026-10-09

KDDI announces its own Osaka Sakai Data Center operations on January 22, 2026, using former Sharp assets acquired in April 2025; this opening does not establish SoftBank operations.

Name: [3] [6]

Aliases: [4] [6]

Kind: [1] [6]

Country: [3] [6]

Region: [1] [6]

City: [1] [6]

Operator: [3] [6]

Owner: [7] [3]

Business Model: [3]

Statuses: [5] [6]

Location: [1] [2]

Summary: [1] [3] [4] [5] [6] [8]

Stable identifier: 72917e06-af2f-4dfd-989e-ac7cf3c2010d