

Japan / Facility / Published revision 1

MC Digital Realty KIX13

Unknown MW · Total facility power not established

See capacity evidence for reported claims.

Also known as: KIX13データセンター · Osaka 4 (KIX13)

Development status: operational

Fourth facility in the KIX connected campus, opened in February 2023 in Minoh, Osaka Prefecture. The operator disclosed up to 21 MW IT capacity. KIX15 is a separate expansion in Ibaraki; its capacity and cooling specifications do not describe KIX13.

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	MC Digital Realty [1] [2] [6]
Owner	MC Digital Realty joint venture [9]
Business model	colocation [3] [7] [10]
Scale	unknown
Country	Japan [1]
State / region	Osaka Prefecture [2] [4]
Metro area	Osaka [1] [3]
City / locality	Minoh [2] [4]
Address	5-2-1 Saito Aokita, Minoh, Osaka, Japan [3] [4]
Coordinates	Unknown · unknown precision. Operator street address corroborated at neighborhood level by Osaka Prefecture's KIX13 environmental assessment; no building point 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
21 MW IT load	KIX13 planned server-power capacity planned · cumulative	[5] reported · 2021-09-15 Excluded from totals. Announcement date; planned facility capacity for the proposed 2023 opening, overlapping the subsequent opening claim.
21 MW IT load	KIX13 maximum offered IT capacity operational · cumulative	[1] reported · 2023-02-17 Excluded from totals. Opening-announcement date. Source says up to 21 MW; this is a maximum offering, not evidence that all 21 MW was energized or occupied. Qualifier enum has no upper-bound option.

Development timeline

2021-09-15 · announcement · KIX13 development announced

Development beside KIX12 announced on land acquired in 2019, targeting opening in 2023. [5]

2023 · planned · Original planned opening

Opening year targeted in the 2021 announcement. [5]

2023-02 · actual · KIX13 opened

Operator identifies February 2023 as the opening month; the announcement was published February 17. [2]

Disclosed specifications

Gross floor area — operator: 23,432 m²

KIX13-specific current operator figure; differs from Digital Realty's building-size field. [2]

Total building size — Digital Realty: 11,050 m² / 119,000 ft²

Different published area; whether this represents a subset is unresolved. [3]

Design-stage areas: Site 29,747 m²; building footprint 7,870 m²; gross floor area 23,433 m²

Environmental design assessment; cadastral scope and as-built areas require confirmation. [4]

Rack capacity and average power: Approximately 2,600 racks; average 9 kW/rack

Disclosed accommodation capability, not actual installed rack count or maximum rack density. [2]

Structure: Three above-ground floors; seismic isolation

Operator facility description. [2]

Resilience: UPS N+1; cooling N+1

Cooling technology itself is not specified. [3]

AI readiness: NVIDIA DGX H100 and DGX SuperPOD support certification

Operator-reported certification; no certification date established. [6]

Environmental assessment: CASBEE B+; BEE 1.1

Design-stage assessment dated 2021-02-08; not evidence of current measured energy performance. [4]

Competing live-capacity reference: 6 MW project at Osaka 4 (KIX13)

March 2024 report discusses 2023 live IT additions. Possibly partial fit-out versus the 21 MW maximum, but this interpretation is unconfirmed. No day-precision claim date is available, so no dated capacity_claim is fabricated. [8]

Public business contact: marketing@mc-digitalrealty.com; 03-3519-3500

Operator-wide business contact, not a facility-specific contact. [2]

Research gaps

- Building coordinates and Google Maps place identity unresolved.
- Current energized, occupied and available IT capacity unknown; 6 MW market-report figure versus 21 MW maximum requires reconciliation.
- Published building areas differ: 23,432 m² operator, 23,433 m² design assessment, and 11,050 m² Digital Realty facility page.
- Current legal title entity and cadastral boundaries not established.
- Facility/grid power, PUE, cooling technology, water usage, renewable procurement and public tenants not established.

Sources and field evidence

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

[1] MC Digital Realty Expands Osaka Footprint, Launches Fourth Data Centre at Osaka Campus

<https://www.mc-digitalrealty.com/3031356>

Published: 2023-02-17 · Retrieved: 2026-10-09

Announces KIX13 opening as fourth Osaka campus building, offering up to 21 MW IT capacity; identifies the 50/50 Mitsubishi Corporation-Digital Realty joint venture.

[2] 大阪 KIX データセンター

<https://www.mc-digitalrealty.com/data-centers/kix>

Published: Unknown · Retrieved: 2026-10-09

KIX13 section identifies Minoh, February 2023 opening, 23,432 m² gross floor area, 21 MW server power, approximately 2,600 racks, three floors and seismic isolation.

[3] KIX13 Data Center | 5-2-1, Saito Aokita | Digital Realty

<https://www.digitalrealty.com/data-centers/asia-pacific/osaka/kix13>

Published: Unknown · Retrieved: 2026-10-09

Lists street address, 11,050 m² total building size, cabinet-to-private-suite options, and N+1 UPS and cooling redundancy.

[4] KIX13 Osaka Prefecture building environmental assessment R2-0138

<https://www.pref.osaka.lg.jp/documents/31773/r2-0138.pdf>

Published: Unknown · Retrieved: 2026-10-09

Design-stage evaluation dated February 8, 2021, checked February 12; identifies KIX13 in Saito Aokita 5-chome, Minoh, with site area 29,747 m², footprint 7,870 m², floor area 23,433 m² and CASBEE B+.

[5] MC デジタル・リアルティ、関西・首都において、2棟の大規模データセンターを同時開設

<https://www.mc-digitalrealty.com/20210915>

Published: 2021-09-15 · Retrieved: 2026-10-09

Announces KIX13 development beside KIX12 on land acquired in 2019, with planned 2023 opening and 21 MW server-power capacity.

[6] AI データセンター

https://www.mc-digitalrealty.com/ai_datacenter

Published: Unknown · Retrieved: 2026-10-09

Names KIX13 among operated facilities certified by NVIDIA for DGX H100 and DGX SuperPOD support.

[7] MC デジタル・リアルティ 24MW の大規模データセンター「KIX15」着工

<https://www.mc-digitalrealty.com/kix15project>

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

Separate fifth campus facility KIX15 is under construction in Ibaraki, planned for Q4 2028; confirms ongoing JV colocation business.

[8] Data Centres: The APAC Report — March 2024

<https://content.knightfrank.com/research/2095/documents/en/data-centres-2023-the-apac-report-11107.pdf>

Published: Unknown · Retrieved: 2026-10-09

March 2024 report, produced with DC Byte, describes a 6 MW project completed at Osaka 4 (KIX13) in its discussion of 2023 live IT supply.

[9] Digital Realty 2024 Proxy Statement

<https://d18rn0p25nwr6d.cloudfront.net/CIK-0001297996/9882a0c5-b372-4324-b947-e1bfacd2d586.pdf>

Published: Unknown · Retrieved: 2026-10-09

Public filing identifies Osaka KIX13 as owned by the MCDR joint venture; detailed PDF navigation subsequently failed.

[10] Mitsubishi & Digital Realty JV launches new data center in Osaka, Japan

<https://www.datacenterdynamics.com/en/news/mitsubishi-digital-realty-jv-launches-new-data-center-in-osaka-japan/>

Published: 2023-02-17 · Retrieved: 2026-10-09

Reports enterprise and hyperscale-cloud colocation at the Osaka campus and credits the KIX13 property image to MC Digital Realty via PR Newswire.

Name: [1] [4]

Aliases: [2] [8]

Kind: [1] [2]

Country: [1]

Region: [2] [4]

City: [2] [4]

Metro: [1] [3]

Address: [3] [4]

Operator: [1] [2] [6]

Owner: [9]

Business Model: [3] [7] [10]

Statuses: [2] [6]

Summary: [1] [2] [7]

Location: [3] [4]

Stable identifier: d2dd78ea-99b9-4ff7-b751-d909abaffe50