

Japan / Facility / Published revision 1

Keihanna OSK11 Data Center

Unknown MW · Total facility power not established

See capacity evidence for reported claims.

Also known as: NTT Keihanna OSK11 Data Center · 京阪奈OSK11データセンター · 京阪奈データセンター(仮称)

Development status: operational

Operational colocation facility in Seika, Kyoto Prefecture, serving the Kansai market. NTT reports 30 MW IT capacity; historical plans began at 6 MW. The facility adjoins NTT research premises, but property coordinates and legal ownership 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



Photo: OSK11 east elevation, credited exterior photograph from NTT Facilities architectural portfolio; capture date undisclosed. [10]

Attribution: waf.ntt-f.co.jp. Published: Unknown; captured: Unknown; retrieved: 2026-10-09.

Rights: Portfolio credits ©株式会社 エスエス 秋田広樹. No reusable license or import permission established; visual inspection limited by inconsistent image access. Publication and capture dates were not independently established. Research-selected property image; reviewer must confirm site identity, suitability and rights before publication.

Site profile

Field	Published information
Operator	NTT Global Data Centers [1]
Owner	Unknown
Business model	colocation [4]
Scale	hyperscale [1] [4]
Country	Japan [1]
State / region	Kyoto Prefecture [3]
Metro area	Osaka-Kyoto / Kansai [1] [4]
City / locality	Seika [3] [7]
Address	Unknown
Coordinates	Unknown · unknown precision. Municipality established by operator; no corroborated facility point assigned.
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
30 MW IT load	OSK11 facility reported IT capacity operational · cumulative	[1] reported · 2026-04-09 Excluded from totals. As of opening announcement; facility page says up to 30 MW. Does not establish occupied load or all capacity commissioned.
30 MW IT load	Provisional Keihanna facility ultimate IT capacity planned · cumulative	[6] reported · 2022-09-29 Excluded from totals. Historical announcement date; planned expansion from initial 6 MW. Overlaps the later 30 MW claim.
6 MW IT load	Initial capacity within provisional Keihanna facility planned · incremental	[6] reported · 2022-09-29 Excluded from totals. Historical planned initial capacity, included within ultimate 30 MW; actual commissioning of this initial scope not established.

Development timeline

2022-09-29 · announcement · Construction announced

NTT announced the provisional Keihanna facility through NTT GDC, with services planned for FY2025 second half. [6]

2026-03 · planned_opening · Historical service opening target

September 2024 release targeted March 2026; retained as a plan, not an actual milestone. [8]

2026-02 · planned_completion · Revised completion target

April 2025 operator article targeted February 2026 completion. [9]

2025-12 · actual_completion · Architect records completion

NTT Facilities portfolio gives December 2025 completion. [5]

2026-02 · actual_opening · Facility page opening month

Operator facility page lists February 2026 opening. [3]

2026-04-09 · announcement · Official opening announced

NTT DATA announced formal opening; distinguished from building completion and February opening. [1]

Disclosed specifications

Server-room area: 10,900 m²

Server rooms, not total building area. [2]

Gross floor area: Approximately 28,894 m²

Operator figure; architect lists addition as 28,964 m². Difference unresolved. [3]

Architect addition area: 28,964 m²

Addition only; shared-property total 65,730 m² includes existing 36,766 m². [5]

Shared-property land area: 72,525 m²

Architect project boundary includes existing research premises; not established as dedicated OSK11 land. [5]

Structure: Four floors; steel frame with base isolation

Architect description. [5]

Maximum racks: 3,800

Current operator specification; historical plan gave 4,800 rack-equivalent space, not necessarily installed racks. [3]

Historical rack-equivalent space: 4,800 racks

2022 planning figure; differs from current maximum count. [6]

Rack power and floor loading: 7.89 kW/rack maximum rated power; 2,000 kg/m²

Operator specifications. [3]

Backup generation: 48 hours stored-fuel runtime

Operator also lists priority fuel-supply contract. [3]

Power resilience: Dual substations through diversified paths

No grid MW disclosed. [4]

Cooling: N+1 air-cooled chillers; direct liquid cooling introduction supported

Chiller design from English page; Japanese page describes liquid-cooling capability, not confirmed deployment in every hall. [4]

Liquid-cooling capability: Environment supports introduction of direct liquid cooling

Capability rather than proof of deployed tenant systems. [3]

Connectivity: Carrier-neutral; three building entry points

Named carrier inventory not established. [3]

Resilience standard: Tier III equivalent

Design-equivalence claim; formal Uptime certification not established. [2]

Energy option: Renewable energy available on customer request

Operator offers effectively zero-CO₂ service; does not establish universal renewable operation. [3]

Public business contact: info-gdc-apac@global.ntt

Public facility contact; not contacted. [4]

Research gaps

- Facility street address and corroborated coordinates
- Legal property owner
- Currently commissioned and occupied IT capacity versus ultimate 30 MW
- Facility and grid power in MW
- Reconciliation of gross floor area and rack counts
- Named tenants and site-specific measured efficiency

Sources and field evidence

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

[1] NTT DATA Opens Keihanna Data Center, Expanding Digital Infrastructure in Japan's Kansai Region

<https://www.nttdata.com/global/en/news/press-release/2026/april/040900>

Published: 2026-04-09 · Retrieved: 2026-10-09

Announces official opening in Kyoto, Japan; identifies NTT GDC as operator and reports 30 MW IT capacity for hyperscaler and enterprise customers.

[2] 関西地域に30MWの「京阪奈OSK11データセンター」を開設

<https://www.nttdata.com/global/ja/news/topics/2026/040900/>

Published: 2026-04-09 · Retrieved: 2026-10-09

Confirms Japanese name, Kyoto/Keihanna identity, adjacency to NTT research facilities, 10,900 m² server rooms and Tier III-equivalent infrastructure.

[3] 京阪奈OSK11データセンター

<https://www.nttdata.com/jp/ja/services/datacenter/keihanna/>

Published: Unknown · Retrieved: 2026-10-09

Operator facility page specifies Seika, Kyoto; February 2026 opening; approximately 28,894 m² gross floor area, four floors, 3,800 maximum racks and renewable-energy options.

[4] Keihanna OSK11 Data Center

<https://services.global.ntt/en-us/services-and-products/global-data-centers/global-locations/asia-pacific/keihanna-osk11-data-center>

Published: Unknown · Retrieved: 2026-10-09

Markets a colocation environment with up to 30 MW IT load, dual substations, carrier-neutral connectivity and N+1 air-cooled chillers.

[5] NTT Facilities architectural portfolio: OSK11

<https://waf.ntt-f.co.jp/architect/building/osk11.html>

Published: Unknown · Retrieved: 2026-10-09

Records December 2025 completion and adjacency to NTT Communication Science Laboratories. Lists shared-property totals separately from the 28,964 m² addition and credits exterior photographs.

[6] 関西における新データセンターの建設について

https://www.ntt.com/about-us/press-releases/news/article/2022/0929_2.html

Published: 2022-09-29 · Retrieved: 2026-10-09

NTT announced construction through NTT GDC, with NTT Communications services planned for FY2025 second half; total 30 MW IT capacity starting at 6 MW and 4,800 rack-equivalent server space.

[7] NTTデータグループ、京都・精華町で「京阪奈OSK11データセンター」を正式稼働

<https://cloud.watch.impress.co.jp/docs/wdc/2109606.html>

Published: 2026-05-19 · Retrieved: 2026-10-09

Industry report distinguishes February building opening from April formal opening and confirms Seika locality.

[8] NTT Comの大阪第7データセンターが「NVIDIA DGX-Ready Data Center」プログラムに認定

<https://www.ntt.com/about-us/press-releases/news/article/2024/0912.html>

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

Separately discusses planned March 2026 opening of the provisional Keihanna facility in Seika. NVIDIA recognition concerns Osaka No.7, not OSK11.

[9] 世界シェアNo.3を誇る、NTT DATAのデータセンター略

<https://www.nttdata.com/jp/ja/trends/data-insight/2025/0430/>

Published: 2025-04-30 · Retrieved: 2026-10-09

Describes Keihanna completion planned for February 2026.

[10] Property photo · waf.ntt-f.co.jp

<https://waf.ntt-f.co.jp/architect/building/osk11.html>

Published: Unknown · Retrieved: 2026-10-09

OSK11 east elevation, credited exterior photograph from NTT Facilities architectural portfolio; capture date undisclosed. Original image: <https://waf.ntt-f.co.jp/architect/shared/osk11/d-02.jpg>

Name: [1] [4]

Aliases: [1] [2] [6]

Kind: [3] [5]

Country: [1]

Region: [3]

City: [3] [7]

Metro: [1] [4]

Operator: [1]

Business Model: [4]

Scale: [1] [4]

Statuses: [1] [3]

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

Location: [3]

Media: [10]

Stable identifier: 08824129-ca1e-47cc-b84e-a37ea2670ed2