

South Korea / Facility / Published revision 1

KINX Gwacheon Data Center

20 MW · Grid connection

Gwacheon facility primary receiving capacity

Also known as: KINX 김천 데이터센터 · KINX GwaCheon IDC · IDC 김천 · KINX Gwacheon IDC (GC)

Development status: operational

KINX's self-owned, carrier-neutral colocation facility in Gwacheon has reported designed IT capacity of 10 MW. Operator history records opening in October 2024; a November announcement confirms official opening, and subsequent investor materials report service opening completed in December 2024. The data center is separate from the office building on the same property. Capacity describes infrastructure provision rather than measured customer utilization.

Last researched: 2026-10-07 | 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	KINX Inc. [3] [6] [10]
Owner	KINX Inc. [7]
Business model	colocation [2] [5]
Scale	unknown
Country	South Korea [1] [9]
State / region	Gyeonggi-do [1] [2]
Metro area	Seoul metropolitan area [5]
City / locality	Gwacheon [1] [2]
Address	34, Gwacheon-daero 7na-gil, Galhyeon-dong, Gwacheon-si, Gyeonggi-do, South Korea [1] [2]
Coordinates	Unknown · unknown precision. Operator street address established; facility point and building footprint not independently geolocated.
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
10 MW IT load	Gwacheon facility designed primary IT capacity operational · cumulative	[3] reported · 2024-11-13 Excluded from totals. As-of is the dated opening announcement. Design capacity exceeds 5 MW; this is not measured utilization.
10 MW IT load	Gwacheon facility customer-provided IT capacity operational · cumulative	[6] reported · 2026-10-07 Excluded from totals. As-of is retrieval date because exact presentation publication date was not independently established. Repeats the facility total and overlaps c1.
20 MW Grid connection	Gwacheon facility primary receiving capacity operational · cumulative	[6] reported · 2026-10-07 Excluded from totals. As-of is retrieval date, not energization date. Operator's receiving-capacity claim includes the 10 MW IT allocation; do not add the two.
20 MW Grid connection	Separate emergency-only backup receiving capacity operational · incremental	[6] reported · 2026-10-07 Excluded from totals. As-of is retrieval date. Explicitly additional backup for emergencies only; not normal usable IT capacity or evidence of 40 MW operating demand.

Development timeline

2024-08-21 · actual_completion_approval · Construction completion approval

KINX reports receiving completion approval on this date; underlying municipal approval record was not obtained. [4]

2024-10 · planned_service_opening · October opening planned

August announcement planned service opening after electrical, cooling and network stress tests. [4]

2024-10 · actual_opening_reported · IDC opening recorded in corporate history

Operator history records October 2024 opening without an exact day. [8]

2024-11-13 · announcement · Official opening announced

Dated operator release announces the center's official opening; announcement date is not treated as the first service day. [3]

2024-12 · actual_service_opening_completion_reported · Service opening completed

Later investor presentation reports December completion of service opening, consistent with a staged launch after October's initial opening. [6]

Disclosed specifications

Reported land area: 22,000 m²

Opening release describes this as land area; shared-property boundaries and facility-only allocation are unresolved. [3]

Design PUE: 1.300

Design target, not measured operational PUE. [5]

UPS options: 2N, N+1, N+C

Configurable customer infrastructure; not a single confirmed configuration across the facility. [5]

Containment: HAC/CAC options

Hot-aisle or cold-aisle containment options; cooling plant technology is undisclosed in the reviewed facility page. [5]

High-power colocation: 20 kW+

Operator service capability; not facility-wide average density or a rack-count disclosure. [5]

Floor load: 3,000 kg/m²

Operator design claim. [5]

Availability and tier: Up to 99.999%; Tier 3 equivalent

Operator describes redundant configuration. No independently confirmed Uptime Institute certification was obtained. [5]

Connectivity: Carrier-neutral ISP connectivity, CloudHub, cross-connects and KINX DCI

Network/cloud connections do not establish those providers as physical tenants. [5]

Green data center: Operator reports certification

Investor materials describe green data-center design certification; issuing body, identifier and exact scope remain unverified. [6]

Public business contact: sales@kinx.net; +82-2-526-0900, option 1

Published service inquiry contact; no contact attempted. [2]

Research gaps

- Facility coordinates and independently corroborated footprint
- Land-title ownership and parcel boundary
- Current installed and occupied IT load
- Exact service activation dates for each floor
- Current customer occupancy and public tenant identities
- Facility-only gross floor area and rack count
- Cooling plant technology and water consumption

- Renewable energy sourcing and measured operating PUE
- Independent certification identifiers and scope
- Reusable exterior photography rights

Sources and field evidence

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

[1] KINX Company

<https://company.kinx.net/?lang=en>

Published: Unknown · Retrieved: 2026-10-07

Location section separately identifies headquarters on floor 4 and IDC Gwacheon at 34 Gwacheon-daero 7na-gil, Gwacheon-si, Gyeonggi-do, Korea.

[2] KINX — 인프라

<https://www.kinx.net/infrastructure/dc/>

Published: Unknown · Retrieved: 2026-10-07

IDC 주소 includes Galhyeon-dong; facility services include colocation, IX peering, CloudHub, connectivity and remote hands. Headquarters is listed separately.

[3] KINX, 10MW 데이터센터... 10MW 데이터센터 '인프라' 소개

<https://company.kinx.net/pr/kinx-%EA%B3%BC%EC%B2%9C-%EB%8D%B0%EC%9D%B4%ED%84%B0%EC%84%BC%ED%84%B0-%EA%B0%9C%EA%B4%80%EA%B5%AD%EB%82%B4-%EC%B5%9C%EA%B3%A0%EC%9D%98-%EB%84%A4%ED%8A%B8%EC%9B%8C%ED%81%AC-%ED%94%8C/>

Published: 2024-11-13 · Retrieved: 2026-10-07

Operator announces official opening in Gwacheon Knowledge Information Town and reports designed primary IT capacity of 10 MW.

[4] KINX 인프라 10MW 데이터센터 10MW 데이터센터

https://company.kinx.net/kinx_ir/%EA%B3%BC%EC%B2%9C%EB%8D%B0%EC%9D%B4%ED%84%B0%EC%84%BC%ED%84%B0-%EC%A4%80%EA%B3%B5-%EB%B0%8F-%EC%98%A4%ED%94%88-%EC%9D%BC%EC%A0%95-%EC%95%88%EB%82%B4/

Published: 2024-08-26 · Retrieved: 2026-10-07

KINX reports completion approval received August 21, 2024, followed by infrastructure stress testing and a planned October service opening.

[5] KINX Gwacheon IDC

<https://m.kinx.net/infrastructure/dc/gwacheon/?lang=en>

Published: Unknown · Retrieved: 2026-10-07

Official facility page describes Seoul metropolitan accessibility, high-power colocation, configurable UPS and containment, redundant infrastructure and design PUE.

[6] KINX IR Book — Korean investor presentation

https://company.kinx.net/wp-content/uploads/2026/01/KINX_IR_Book_Kor_260115.pdf

Published: Unknown · Retrieved: 2026-10-07

Pages 23–24 report 20 MW receiving capacity, 10 MW customer IT load and separate emergency-only 20 MW backup. Describes KINX-funded construction and operation, separate office building and December 2024 service-opening completion. Exact publication date not established from the filename.

[7] KINX IR Book — English investor presentation

https://company.kinx.net/wp-content/uploads/2024/08/KINX_IR_Book_Eng_2408.pdf

Published: Unknown · Retrieved: 2026-10-07

Corporate-status section identifies Gwacheon as a new self-owned data center, with August completion and October service opening then planned.

[8] KINX, 0000 0000

<https://company.kinx.net/>

Published: Unknown · Retrieved: 2026-10-07

Corporate history records Gwacheon IDC opening in October 2024 and headquarters relocation to Gwacheon Galhyeon-dong in September.

[9] KINX Gwacheon IDC (GC)

<https://www.datacentermap.com/south-korea/seoul/kinx-gwacheon-idc/>

Published: Unknown · Retrieved: 2026-10-07

Industry directory corroborates facility name, full street address, country and October 2024 opening; its nearest-site distances appear inconsistent with Gwacheon and were not used for geolocation.

[10] 0000, 00000000(KINX) 0000 000000 ‘000-000-00’ 00 0000 00

<https://daewooenc.com/news/news-view?idx=15290>

Published: 2026-07-24 · Retrieved: 2026-10-07

Daewoo's dated announcement explicitly refers to KINX's existing Gwacheon and Dogok data-center operating expertise; the broader development MOU does not establish a Gwacheon ownership change.

Name: [3] [5]

Aliases: [2] [3] [5] [9]

Kind: [6]

Country: [1] [9]

Region: [1] [2]

City: [1] [2]

Metro: [5]

Address: [1] [2]

Operator: [3] [6] [10]

Owner: [7]

Business Model: [2] [5]

Statuses: [3] [6] [10]

Summary: [3] [6] [7] [8]

Location: [1] [2]

Stable identifier: ecffadeb-7531-44e7-ad9c-c3b24404a46d