

Japan / Site / Published revision 1

Fukushima Shirakawa Data Center

50 MW • Unspecified power

Ultimate Fukushima Shirakawa campus expansion, eight buildings

Also known as: 福島白河データセンター・白河データセンター

Development status: operational, planned

Operational modular campus in Shirakawa, Fukushima, Japan, with demand-led expansion. SoftBank succeeded IDC Frontier's data-center business on 2026-04-01. An operator graphic reports 50 MW at maximum expansion across eight buildings, without identifying IT, facility or grid basis; current operational MW is unknown.

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: Operator-published Fukushima Shirakawa data-center exterior; completed-property view. Capture date not disclosed. [12]

Attribution: www.idcf.jp. Published: Unknown; captured: Unknown; retrieved: 2026-10-09.

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Site profile

Field	Published information
Operator	SoftBank Corp. [1] [3] [11]
Owner	Unknown
Business model	colocation [4] [11]
Scale	unknown
Country	Japan [1] [11]
State / region	Fukushima Prefecture [1]
Metro area	Unknown
City / locality	Shirakawa [1]
Address	Unknown
Coordinates	Unknown · unknown precision. City established by operator sources; secondary records associate the first data center with 萱根日向1-2, but campus boundaries and a corroborated property point are unresolved.
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
50 MW Unspecified power	Ultimate Fukushima Shirakawa campus expansion, eight buildings planned · cumulative	[2] reported · 2026-10-09 Excluded from totals. As-of is retrieval date of an undated live operator graphic. The figure is explicitly maximum-expansion capacity; power basis, delivery date and current energized capacity are undisclosed. Qualified >5 MW eligibility only; not current IT load.

Development timeline

2011-09-01 · actual_groundbreaking · Initial campus groundbreaking

Operator reports groundbreaking for the provisionally named Shin-Shirakawa data center. [10]

2012-09 · actual_completion · Building 1 and administration building completed

Completion month reported retrospectively in the 2016 operator release; other industry reporting uses October 2012, requiring reconciliation. [5]

2014-06 · actual_operation · Building 2 began operation

Operator distinguishes September 2013 construction completion from June 2014 operation. [5]

2016-03 · actual_completion · Building 3 initial phase completed

Early-March completion reported for the first 200-rack phase. [5]

2016-10 · planned_completion · Building 4 completion target

2016 release targeted late October completion; this target is not evidence of actual completion. [5]

2018-04 · actual_completion · First data center Building 5 completed

Architect identifies this as the fifth addition and names Yahoo as building client. [6]

2025-12-25 · announcement · Business succession announced

SoftBank announced absorption of IDC Frontier's data-center business effective April 1, 2026. [3]

2026-04-01 · actual_business_transfer · Data-center business succeeded by SoftBank

Current IDC Frontier facility page confirms the effective succession. [1]

Disclosed specifications

Campus land area: Approximately 67,600 m²

Current undated operator page; historical 2016 disclosure reported approximately 45,000 m². Parcel changes are not documented here. [1]

Historical receiving capability: 25 MVA

2016 campus disclosure; apparent power must not be converted to MW without a supported power factor. [5]

Historical buildings 1-4 racks: Approximately 1,920 racks

2016 combined specification includes planned Building 4; not a current operational rack inventory. [5]

Building 5 floor area and capacity: 11,212 m²; approximately 1,200 racks; four above-ground floors

Architect's building-specific disclosure; not campus totals or evidence of current occupied racks. [6]

Power resilience: Two special-high-voltage feeds, main/reserve arrangement; N+1 UPS; generators stated for 72 hours

SoftBank facility-page scope may reflect its legacy service configuration. [4]

Cooling: Outside-air cooling with water/air cooling; N+1 redundancy

Configuration varies by building according to the operator brochure. [8]

Network latency: Approximately 3.5 ms to Tokyo

Operator-reported service characteristic, not independently measured. [4]

Public customer/building client: Yahoo! JAPAN / Yahoo Corporation

Historical architect and electricity-service disclosures; current tenant allocation is unknown. [6]

Renewable electricity initiative: RE100-compliant effectively renewable supply from May 2021 to Yahoo's Shirakawa data center

Uses tracked FIT non-fossil certificates; current campus-wide coverage is unestablished. [9]

Public business inquiry: SoftBank data-center inquiry links on the official facility page

No inquiry submitted; no site-specific public contact verified. [4]

Research gaps

- Current operational IT load and facility/grid MW
- Campus-wide legal land and building ownership
- Complete current building inventory and expansion schedule
- Corroborated coordinates and full campus address
- Metro designation
- Current campus-wide rack count, measured PUE and renewable electricity coverage

Sources and field evidence

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

[1] 福島白河データセンター — IDC Frontier

<https://www.idcf.jp/datacenter/location/shirakawa/>

Published: Unknown · Retrieved: 2026-10-09

Identifies the operating modular data center in Shirakawa, Fukushima; describes approximately 67,600 m² of campus land, cooling and connectivity, and confirms business succession effective April 1, 2026.

[2] データセンター — IDC Frontier

<https://www.idcf.jp/datacenter/>

Published: Unknown · Retrieved: 2026-10-09

Graphic labels Fukushima Shirakawa at maximum expansion as eight buildings / 50 megawatts. The graphic does not define the power basis.

[3] 完全子会社である株式会社IDCフロンティアとの吸収分割〔簡易吸収分割〕に関するお知らせ

https://www.softbank.jp/corp/news/press/sbkk/2025/20251225_02/

Published: 2025-12-25 · Retrieved: 2026-10-09

Announces SoftBank's succession to IDC Frontier's data-center business, with April 1, 2026 as the effective date.

[4] 福島白河データセンター — SoftBank

<https://www.softbank.jp/business/service/platform/datacenter/fukushima>

Published: Unknown · Retrieved: 2026-10-09

Offers floor/building rental; describes 600 racks per building and expansion to six buildings, plus redundant power and cooling. Its scope is not reconciled with IDC Frontier's eight-building graphic.

[5] 北九州データセンターと白河データセンターに新棟を建設

https://www.idcf.jp/pressrelease/IDCF20160325_kikakyusyu6_shirakawa4.pdf

Published: 2016-03-25 · Retrieved: 2026-10-09

Historical building-level schedule and specifications for Shirakawa buildings 1-4; campus land approximately 45,000 m² and receiving capability 25 MVA, not 25 MW.

[6] 福島白河第一データセンター5号棟 — Nihon Sekkei

<https://www.nihonsekkei.co.jp/projects/8310/>

Published: Unknown · Retrieved: 2026-10-09

Architect identifies Yahoo as building client, completion in April 2018, 11,212 m² floor area and approximately 1,200-rack capacity; credits photography to FOTOTECA / Katsuhisa Kida.

[7] 事業所排出情報 — T Watch greenhouse-gas database

<https://co2.toxwatch.net/factory/info?id=37556>

Published: Unknown · Retrieved: 2026-10-09

Records IDC Frontier's Fukushima Shirakawa first data center within Yahoo at 福島県白河市萱根日向1-2; this is a secondary disclosure database, not campus boundary evidence.

[8] データセンターサービス明書

https://www.idcf.jp/pdf/inquiry/download/datacenter/pdf/idcf_dc.pdf

Published: Unknown · Retrieved: 2026-10-09

Shirakawa facility table describes main/reserve power feeds, generators and UPS, building-dependent water/air cooling, N+1 cooling, rack dimensions and security.

[9]

SB パワーとソフトバンクが、ヤフーの白河データセンターに **RE100** 準の実質再生可能エネルギーを提供開始

https://www.softbank.jp/corp/news/press/sbkk/2021/20210527_02/

Published: 2021-05-27 · Retrieved: 2026-10-09

Reports provision from May 2021 to Yahoo's Shirakawa data center using tracked FIT non-fossil certificates; does not establish current coverage of every campus building.

[10] 新白河データセンター「仮称」起工式が執り行われました

<https://cdn.www.idcf.jp/topics/20110905001.html>

Published: 2011-09-05 · Retrieved: 2026-10-09

Operator reports groundbreaking on September 1, 2011 and a then-planned autumn 2012 completion.

[11] データセンター — SoftBank business services

<https://www.softbank.jp/business/service/platform/datacenter/>

Published: Unknown · Retrieved: 2026-10-09

Lists Fukushima Shirakawa among SoftBank's domestic data centers and describes colocation and managed operations.

[12] Property photo · www.idcf.jp

<https://www.idcf.jp/datacenter/location/shirakawa/>

Published: Unknown · Retrieved: 2026-10-09

Operator-published Fukushima Shirakawa data-center exterior; completed-property view. Capture date not disclosed. Original image:

https://www.idcf.jp/service_shared/img/datacenter/location/shirakawa/img_photo_shirakawa.jpg

Name: [1]

Aliases: [1] [5]

Kind: [1] [6]

Country: [1] [11]

Region: [1]

City: [1]

Operator: [1] [3] [11]

Business Model: [4] [11]

Statuses: [1] [2]

Summary: [1] [2] [3]

Location: [1] [7]

Media: [12]

Stable identifier: 5d5e070c-b075-47e7-b91e-7ff6c7b193ea