

Malaysia / Site / Published revision 3

AirTrunk JHB1



Unknown MW • Total facility power not established

See capacity evidence for reported claims.

Also known as: JHB1

Development status: operational, under construction

AirTrunk JHB1 is a hyperscale colocation campus in SiLC, Iskandar Puteri, within the Johor Bahru region of Malaysia. It officially opened on 30 July 2024; AirTrunk subsequently described the initial 50+MW phases as delivered, with a first tranche operational since mid-2024. The operator advertises 150+MW ultimate campus capacity and announced construction of another 100MW in August 2024. IFC described JHB1 as existing and fully contracted in 2026, but this does not establish full commissioning or occupied load. The historical under-construction status is retained pending confirmation of remaining-phase completion. A 1MW rooftop solar system was reported online in April 2026. Adjacent JHB2 is a separate campus.

Last researched: 2026-10-10 | 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: Property exterior: AirTrunk JHB1. [4]

Attribution: airtrunk.com. Published: Unknown; captured: Unknown; retrieved: 2026-09-11.

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External reuse rights unconfirmed. Capture and original image publication dates not independently established; retrieval/upload dates

are not capture dates. Selected from sources checked 2026-09-11 for identity and unobstructed property view; latest capture date cannot be established.

Site profile

Field	Published information
Operator	AirTrunk [6] [7]
Owner	Unknown
Business model	colocation [17] [7]
Scale	hyperscale [6]
Country	Malaysia [7] [10]
State / region	Johor [12] [11]
Metro area	Johor Bahru [6] [10]
City / locality	Iskandar Puteri [12] [23]
Address	Unknown
Coordinates	Unknown · unknown precision. Property coordinates have not been verified.
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 Unspecified power	Reported design capacity; energized and occupied load not established planned · cumulative	[1] reported · 2026-09-11 Excluded from totals. Research retrieval date, not a commissioning or measurement date. Design/full-build capacity is not evidence that all MW are commissioned. Excluded from sums pending capacity and hierarchy review.
>50 MW Unspecified power	First phase only; part of campus total operational · cumulative	[2] reported · 2026-09-11 Excluded from totals. Research retrieval date, not a commissioning or measurement date. Design/full-build capacity is not evidence that all MW are commissioned. Excluded from sums pending capacity and hierarchy review.

Measurement	Development scope	Evidence / accounting
>150 MW Unspecified power	Ultimate JHB1 campus capacity across multiple buildings planned · cumulative	[6] reported · Date unknown Excluded from totals. Undated facility page retrieved 10 October 2026. 150+MW is campus design/full-build capacity; full commissioning and power basis are not established. Overlaps initial phases and expansion; do not add them together.
>50 MW Unspecified power	Delivered initial JHB1 phases; first tranche commissioned operational · cumulative	[9] reported · Date unknown Excluded from totals. Report says initial 50+MW phases delivered and first tranche operational since mid-2024; exact effective date and commissioned tranche MW are unspecified. Does not establish occupied load or full-campus commissioning. Separate newly sourced claim; historical snapshot claims are not silently revised.
100 MW Unspecified power	Remaining JHB1 campus phases announced as commencing construction under construction · incremental	[8] reported · 2024-08-09 Excluded from totals. As-of is the dated construction announcement. Delivery over 18 months and initial tranche by mid-2025 were targets; completion remains unconfirmed. Included within ultimate campus capacity.
>20 MW Unspecified power	Direct-to-chip liquid-cooling deployment within JHB1 operational · cumulative	[17] reported · 2024-08-09 Excluded from totals. Deployment reported on announcement date. Subset of campus capacity, not incremental capacity; electrical basis unspecified. Current facility page uses the less precise phrase already in flight.

Development timeline

2024-08-09 · actual · Expansion underway

Additional 100 MW expansion underway. [3]

2024-07-30 · actual_opening · JHB1 officially opens

Operator announces commencement of Malaysian operations and official JHB1 opening. [7]

mid-2024 · actual_commissioning_reported · First tranche operational

Operator technical report describes first tranche of the initial phases as commissioned and operational since mid-2024; exact date and tranche size unspecified. [9]

2024-08-09 · actual_construction_announcement · Expansion underway

Additional 100MW expansion announced as commencing construction. [8]

mid-2025 · planned_delivery · Initial expansion tranche target

Historical target for first tranche of the 100MW expansion; actual delivery not established. [8]

2024-11-20 · announcement · Rooftop solar agreement

AirTrunk announces agreement with Pekat Solar for 1MW onsite solar at JHB1. [19]

2024-12-23 · actual_corporate_acquisition_announcement · AirTrunk group acquisition completed

Operator reports completed Blackstone-led consortium acquisition with CPP Investments; no separate JHB1 title transfer established. [13]

2026-04-24 · announcement_actual_operation · JHB1 rooftop solar reported online

DCD reports 1MW solar operating by publication; actual energization day unspecified. [16]

2026-07-01 · announcement_actual_operation · VPPA solar project commercial operations

Operator reports 29.99MWac offsite solar project commercially operational under Malaysian VPPA; separate from campus load. [18]

Disclosed specifications

Land area: 10.3 hectares

Operator-reported campus area. [6]

Technical accommodation: 21,900 m² technical data hall area; 20 data halls; 370 m² office/storage

Operator page does not specify phase allocation or whether all listed accommodation is commissioned. [6]

Power feeds: 132kV diverse high-voltage feeds

Voltage is not a grid-connection MW rating. [6]

Connectivity: Carrier neutral; multiple entry paths

No named carriers or tenant identities established. [6]

Design efficiency: Design PUE 1.15

Design target, not measured annual JHB1 operating PUE. [6]

Cooling: Direct-to-chip liquid cooling alongside indirect evaporative cooling and high-density racks

Operator reports up to 23% energy reduction; operating conditions and independent measurement not established. [7]

Corporate ownership: Blackstone-led consortium, CPP Investments and founder Robin Khuda

Current group investor disclosure; not proof of JHB1 land/building title or current site-level stakes. [14]

Project company and contractor: AirTrunk Malaysia Sdn. Bhd.; Leightons Malaysia

IFC names project company and main contractor for JHB1/JHB2. [10]

Land acquisition disclosure: JHB1/JHB2 plots acquired from SiLC

IFC description does not provide registered title holders, cadastral boundaries or individual vendor histories. [10]

Municipal parcel reference: PTD 226677; Kawasan Perindustrian SiLC; MBIP

November 2025 government list. No coordinate derived; historical phase preview cites a different parcel. [11]

Historical street/parcel candidate: Part of PTD 203895, Jalan Bioteknologi 2, SiLC

Phase 3 construction preview; unresolved relationship to PTD 226677 and other street references. Not promoted to definitive campus address. [22]

Buildings: A, B, C, D and E referenced by electrical contractor

No capacity or commissioning allocation established. [23]

Building E completion lead: myBina preview labels completed; record checked 18 December 2025

October 2025 is target completion, not actual completion date. Ambiguous preview wording and no commissioning record; not proof entire campus completed. [21]

IFC financing: Up to US\$175 million debt/equity package for JHB1 and JHB2

Shared scope; no JHB1 allocation. Disclosure event history records invested 28 August 2026 while some approval text remains pending. [15]

Unconfirmed JHB1 financing/sell-down: Reported prospective A\$1.8 billion debt package and approximately 80% equity sale

Secondary February 2026 report citing AFR/unnamed sources; closing, purchasers and stakes unconfirmed. Its 2025 opening date conflicts with official July 2024 opening. [20]

Financing scope exclusion: July 2026 US\$2.325 billion green financing attributed to JHB2

Do not assign this neighboring-campus financing to JHB1. [24]

Onsite solar: 1MW rooftop solar reported online in April 2026; installed by Pekat Solar

Generation capacity, not IT/facility/grid load; exact energization date unknown. [16]

Offsite renewable energy: 29.99MWac VPPA solar project commercially operational by July 2026

November 2024 JHB1 announcement described this as a 30MW ib vogt project. Grid generation and contractual procurement are separate from campus demand. [18]

Technology partnership: AirTrunk is an NVIDIA DGX-Ready colocation partner

Partnership is not evidence NVIDIA occupies JHB1. [17]

Public project business contact: AirTrunk Malaysia Sdn. Bhd.; +60 386843354

IFC project contact address is No. 21 Jalan Bioteknologi 1, SiLC, 79200 Iskandar Puteri; not established as JHB1's definitive property address. [15]

Property image reference: https://media.datacenterdynamics.com/media/images/Screenshots/2026-04-24_102548.original.png

DCD credits AirTrunk. Source-labelled rooftop aerial; visual inspection unavailable in this pass, original URL fetch failed. Capture date and reproduction rights unknown. [16]

Research gaps

- Verified property coordinates and full street address; street and parcel references differ across sources.

- Current completion and commissioning of the 100MW expansion; retained under-construction status is historical.
- Current land/building title holder and any completed JHB1 equity sell-down.
- Actual energized and occupied load, grid connection MW and individual building/phase allocations.
- Visually inspected original property photographs, capture dates and reproduction rights.
- Site-specific certification scope, rack count/density, redundancy, measured PUE/WUE and named customers.
- Research incomplete: cadastral reconciliation, primary land-sale documentation and visual inspection remain unfinished.

Sources and field evidence

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

[1] AirTrunk JHB1

<https://airtrunk.com/location/jhb1-johor/>

Published: Unknown · Retrieved: 2026-09-11

Johor campus advertised at 150+ MW.

[2] AirTrunk JHB1 opening

<https://airtrunk.com/airtrunk-opens-ai-ready-data-centre-in-malaysia-accelerating-innovation-and-the-energy-transition/>

Published: 2024-07-30 · Retrieved: 2026-09-11

First phase opened with more than 50 MW.

[3] AirTrunk JHB1 expansion

<https://airtrunk.com/airtrunk-jhb1100mw-expansion-underway/>

Published: 2024-08-09 · Retrieved: 2026-09-11

Additional 100 MW expansion underway.

[4] Property imagery · airtrunk.com

<https://airtrunk.com/location/jhb1-johor/>

Published: Unknown · Retrieved: 2026-09-11

Property exterior: AirTrunk JHB1. Image reference:

<https://airtrunk.com/wp-content/uploads/2023/01/JHB1-Hero-Image-Low-Res.jpg> Visually inspected against the cited source and profile identity.

[5] AirTrunk · Official operator logo

<https://airtrunk.com/location/tok1-east-tokyo/>

Published: Unknown · Retrieved: 2026-09-11

Operator logo from official site header. Original image:

<https://airtrunk.com/wp-content/uploads/2017/07/airtrunk-logo-horizontal-white-2.png>

[6] JHB1 Johor Bahru | AirTrunk

<https://airtrunk.com/location/jhb1-johor/>

Published: Unknown · Retrieved: 2026-10-10

Operator describes JHB1 as a Malaysian hyperscale campus with 150+MW total capacity; lists land, data halls, power feeds, connectivity and design efficiency.

[7] AirTrunk opens AI-ready data centre in Malaysia, accelerating innovation and the energy transition

<https://airtrunk.com/airtrunk-opens-ai-ready-data-centre-in-malaysia-accelerating-innovation-and-the-energy-transition/>

Published: 2024-07-30 · Retrieved: 2026-10-10

Announces commencement of Malaysian operations and official JHB1 opening; initial phases provide over 50MW for technology customers; describes cooling and renewable-energy arrangements.

[8] 100MW expansion underway at AirTrunk JHB1<https://airtrunk.com/airtrunk-jhb1100mw-expansion-underway/>

Published: 2024-08-09 · Retrieved: 2026-10-10

Construction of remaining phases commencing; another 100MW targeted over 18 months, with an initial tranche by mid-2025; expansion investment exceeds A\$1 billion.

[9] AirTrunk liquid cooling report<https://airtrunk.com/wp-content/uploads/2024/10/AirTrunk-Liquid-Cooling-Report.pdf>

Published: Unknown · Retrieved: 2026-10-10

Page 9 describes delivery of initial 50+MW phases and a first tranche commissioned and operational since mid-2024. Publication date not established from the URL.

[10] AirTrunk Johor — Environmental & Social Review Summary, IFC project 52336<https://disclosures.ifc.org/project-detail/ESRS/52336/AirTrunk%20Johor>

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

Updated 7 September 2026. Describes existing fully contracted 150+MW JHB1 and adjacent greenfield JHB2 in SiLC; identifies Leightons Malaysia as contractor, acquired land and shared utility infrastructure.

[11] Johor State Assembly written questions and answers, November 2025<https://dewanegeri.johor.gov.my/wp-content/uploads/2025/12/SOALAN-DAN-JAWAPAN-BERTULIS-NOV-2025-terkini.pdf>

Published: Unknown · Retrieved: 2026-10-10

Pages 34 and 56 identify Airtrunk Data Center PTD 226677 (JHB1) in Kawasan Perindustrian SiLC under MBIP; page 56 categorizes it as existing. Document identifies its November 2025 session; exact publication day unknown.

[12] Data Centre Ceiling Solutions | TSI Trading<https://tsitd.com/our-projects/data-centre/>

Published: Unknown · Retrieved: 2026-10-10

Supplier project list explicitly identifies AirTrunk JHB1 Data Centre in Iskandar Puteri, Johor.

[13] Completion Of AirTrunk Acquisition By Blackstone — Marking New Era Of Growth<https://airtrunk.com/completion-of-airtrunk-acquisition-by-blackstone-marking-new-era-of-growth/>

Published: 2024-12-23 · Retrieved: 2026-10-10

Reports completion of the A\$24 billion group acquisition by a Blackstone-led consortium alongside CPP Investments; not a JHB1 land-title disclosure.

[14] Our Investors | AirTrunk<https://airtrunk.com/about-airtrunk/our-investors/>

Published: Unknown · Retrieved: 2026-10-10

Current operator page identifies Blackstone and CPP Investments as consortium investors alongside founder Robin Khuda.

[15] AirTrunk Johor — Summary of Investment Information, IFC project 52336<https://disclosures.ifc.org/project-detail/SII/52336/airtrunk-johor>

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

Updated 30 September 2026. Describes up to US\$175 million debt/equity financing covering JHB1 and JHB2; event history records investment on 28 August 2026. Lists AirTrunk Malaysia Sdn. Bhd. and a project contact address.

[16] AirTrunk completes installation of 1MW rooftop solar array at JHB1 data center in Johor, Malaysia | DCD

<https://www.datacenterdynamics.com/en/news/airtrunk-completes-installation-of-1mw-rooftop-solar-array-at-jhb1-data-center-in-johor-malaysia/>

Published: 2026-04-24 · Retrieved: 2026-10-10

Reports 1MW rooftop solar online, installed by Pekat Solar; property image credited to AirTrunk. Exact energization and photo capture dates are not supplied.

[17] AirTrunk appointed DGX-Ready colocation partner of NVIDIA

<https://airtrunk.com/airtrunk-appointed-dgx-ready-colocation-partner-of-nvidia/>

Published: 2024-08-09 · Retrieved: 2026-10-10

Operator identifies its colocation partnership and reports 20+MW of direct-to-chip liquid cooling deployed at JHB1; NVIDIA is a technology partner, not an established tenant.

[18] ib vogt and AirTrunk Deliver Malaysia's First Renewable VPPA for a Data Centre

<https://airtrunk.com/ib-vogt-airtrunk-deliver-malysias-first-renewable-vppa-for-a-data-centre/>

Published: 2026-07-01 · Retrieved: 2026-10-10

Reports commercial operations of a 29.99MWac solar project supplying Malaysia's grid under the VPPA supporting AirTrunk's Malaysian operations.

[19] AirTrunk and Pekat Solar to develop rooftop solar at AirTrunk's Johor Bahru data centre, JHB1

<https://airtrunk.com/airtrunk-and-pekats-solar-to-develop-rooftop-solar-at-airtrunks-johor-bahru-data-centre-jhb1/>

Published: 2024-11-20 · Retrieved: 2026-10-10

Announces 1MW JHB1 rooftop solar agreement and a separate VPPA with ib vogt's then-developing 30MW solar farm.

[20] AirTrunk finalizing A\$1.8 billion debt package for Johor data center | w.media

<https://w.media/airtrunk-finalizing-a-1-8-billion-debt-package-for-johor-data-center/>

Published: 2026-02-04 · Retrieved: 2026-10-10

Secondary report, citing AFR and unnamed sources, discusses prospective JHB1 debt financing and approximately 80% equity sell-down. Completion is not established; its 2025 opening statement conflicts with the operator's 2024 opening.

[21] AirTrunk JHB1 Building E | myBina project 95257

<https://www.mybina.com.my/project/95257-airtrunk-jhb1-jhb01-data-centre-iskandar-puteri-building-e>

Published: Unknown · Retrieved: 2026-10-10

Public preview labels Building E completed, says record checked 18 December 2025 and gives October 2025 target completion. Wording also says works approaching completion; no commissioning evidence or MW allocation.

[22] AirTrunk JHB1 Phase 3 | myBina project 87610

<https://www.mybina.com.my/highlightedprojects.php?projid=87610>

Published: Unknown · Retrieved: 2026-10-10

Public preview lists part of PTD 203895, Jalan Bioteknologi 2, SiLC, Iskandar Puteri, Mukim Pulau, Johor Bahru district; detailed information restricted.

[23] Projects — Electrical & Instrumentation | Exypnos

<https://www.exypnos.com.my/projects-electricalandinstrumentation>

Published: Unknown · Retrieved: 2026-10-10

Contractor portfolio identifies JHB1 electrical infrastructure works in Iskandar Puteri for buildings A, B, C, D and E; no individual capacities or completion dates.

[24] AirTrunk secures US\$2.325b green financing to support sustainable digital infrastructure growth in Malaysia

<https://airtrunk.com/airtrunk-secures-us2-325b-green-financing-to-support-sustainable-digital-infrastructure-growth-in-malaysia/>

Published: 2026-07-29 · Retrieved: 2026-10-10

Operator attributes the US\$2.325 billion green financing to JHB2 development, not JHB1.

Name: [6] [7]

Operator: [6] [7]

Country: [7] [10]

Region: [12] [11]

Metro: [6] [10]

Kind: [1]

Statuses: [7] [8] [9]

Summary: [6] [7] [8] [9] [10] [12] [16] [17]

Aliases: [1] [7]

Media: [4]

Operator Logo: [5]

City: [12] [23]

Business Model: [17] [7]

Scale: [6]

Operator logo: AirTrunk · Operator-hosted copyrighted asset; no open reuse license found in reviewed source. Attribution retained; public reuse rights unconfirmed. [5]

Stable identifier: b1855895-7364-4e1b-a606-c8aa3a7507bb