

Australia / Facility / Published revision 1

NEXTDC P2 Perth

Unknown MW · Total facility power not established

See capacity evidence for reported claims.

Also known as: P2 Perth · NEXTDC P2 Perth Data Centre

Development status: operational

Operational NEXTDC hyperscale colocation facility in Perth CBD, officially opened in July 2020. Advertised 20MW+ IT capacity is a facility-scale claim, not measured consumption or confirmation of full fit-out. Later disclosures describe staged expansion.

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	NEXTDC [1] [3]
Owner	NEXTDC (identified as owner in July 2020 council records; current title unconfirmed) [7]
Business model	colocation [3]
Scale	hyperscale [3] [5]
Country	Australia [5]
State / region	Western Australia [5] [2]
Metro area	Perth [1] [3]
City / locality	Perth [2] [9]
Address	11 Newcastle Street, Perth WA 6000, Australia [2] [4] [7]
Coordinates	-31.9496948, 115.8685493 · approximate precision. Destination marker encoded in NEXTDC's published Google Maps directions link for P2 at 11 Newcastle Street; address corroborated by operator and council records. Listing and marker could not be visually inspected; no surveyed or block accuracy asserted.
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
≥20 MW IT load	P2 advertised facility IT capacity operational · cumulative	[1] reported · 2026-10-09 Excluded from totals. Retrieval-date observation of undated 20MW+ marketing claim. Plus sign retained as lower-bound wording; does not establish commissioned load or consumption.
20 MW IT load	P2 target IT capacity in operator brochure planned · cumulative	[4] reported · 2026-10-09 Excluded from totals. Undated brochure retrieved on this date explicitly calls this target capacity. Overlaps current advertised capacity; no commissioning date established.
3.9 MW IT load	P2 white-space and infrastructure expansion initial IT capacity operational · incremental	[5] reported · 2026-10-09 Excluded from totals. Retrieval-date observation of contractor's undated account of expansion completed April 2023. Relationship to other expansion disclosures is unresolved.
3.5 MW IT load	Further capacity reserved in P2 expansion works planned · incremental	[5] reported · 2026-10-09 Excluded from totals. Retrieval-date observation; contractor describes capacity reserved for future growth, not commissioned capacity. Potential overlap with subsequent works unknown.
4 MW Unspecified power	P2 capacity being progressed at 31 December 2025 under construction · unclear	[6] reported · 2025-12-31 Excluded from totals. Source's reporting cutoff, not completion date. Development disclosure says being progressed; precise power basis, construction stage and overlap with earlier fit-outs are unclear.

Development timeline

2018-11-01 · actual_approval · Data centre complex approved

Council records LDAP approval with conditions for further use and development of 11 Newcastle Street. [7]

2019-08-19 · announcement · P2 microsite launched

Operator announced connectivity microsite within P2 while the main facility was under construction. [10]

2020-07 · actual_completion · Main facility completed

Multiplex reports completion of the main P2 building. [5]

2020-07-30 · announcement_actual_opening · Official opening announced

NEXTDC announced the official opening of P2 Perth. [3]

2022-07 · actual_engagement · Expansion contractor engaged

Multiplex reports engagement for white-space and infrastructure expansion fit-out works. [5]

2023-04 · actual_completion · Expansion works completed

Contractor reports completion of the described expansion project. [5]

Disclosed specifications**Technical space: 12,000m²**

Operator advertised capacity; architect describes this scale at full fit-out, versus over 10,000m² initially. [1]

Rack capacity: 6,300

Advertised capacity, not installed or occupied racks. [1]

Data halls / interconnect rooms: 10 / 3

Operator brochure figures; no occupancy claim. [4]

Cooling: Hot-aisle containment; indirect free-cooling CRACs; N+1 facility cooling circuits; N+2 CRAC units per hall

Operator design specifications; includes 24-hour peak-design water storage. [1]

Design heat load: 4,000W/m² peak

Design capability, not measured operating density. [1]

Certification: Uptime Institute Tier IV design and constructed facility

Operator-reported certification; current certificate validity not independently checked. [1]

Connectivity: DCI connection to P1 Malaga; AXON access to cloud services

P1 is a separate facility. Opening announcement locates locally hosted Microsoft/AWS on-ramps at P1. [3]

Historical public customer: Superloop — P2 microsite

Identified as first microsite customer in August 2019; current tenancy unconfirmed. [10]

Public sales contact: sales@nextdc.com; Australia 136398; overseas +61 7 3177 4799

General operator business contacts, not site-specific staff. [2]

Research gaps

- Current registered property owner and any ownership changes since 2020
- Current commissioned IT capacity, utilisation, consumption, facility power and grid allocation
- Completion status of the 4MW expansion disclosed at 31 December 2025
- Exact property boundary and independently inspected marker position
- Current status of the historical P2 microsite and neighboring office/data-centre proposals
- Image capture dates, photographer attribution and reuse permissions

Sources and field evidence

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

[1] P2 Perth Data Centre, Perth CBD | Tier IV Colocation

<https://www.nextdc.com/data-centres/perth-data-centres/p2-perth>

Published: Unknown · Retrieved: 2026-10-09

Operator identifies P2 in Perth CBD, advertises 20MW+ IT capacity, 12,000m² technical space and 6,300 racks; describes cooling and Tier IV design/constructed certification.

[2] Get in Touch: Contact NEXTDC for Your Data Centre Solutions

<https://www.nextdc.com/contact?hsCtaAttrib=155191928679>

Published: Unknown · Retrieved: 2026-10-09

P2 Perth address is 11 Newcastle Street, Perth WA 6000; includes a Google Maps directions link and public sales contacts.

[3] Accelerating growth in WA with a new digital interconnectivity hub

<https://www.nextdc.com/news/nextdc-opens-new-20mw-tier-iv-data-centre-perth>

Published: 2020-07-30 · Retrieved: 2026-10-09

Announces official opening and describes P2 as a 20MW hyperscale cloud colocation facility; P1 in Malaga is a separate connected facility.

[4] Perth Data Centres — Facility Overview

https://www.nextdc.com/hubfs/Perth_FacilityOverview.pdf

Published: Unknown · Retrieved: 2026-10-09

Operator brochure lists P2 at 11 Newcastle Street, target IT capacity 20MW, ten data halls, three interconnect rooms and 12,000m² technical space.

[5] NEXTDC P2 Perth Data Centre | Multiplex

<https://www.multiplex.global/projects/nextdc-p2-perth-data-centre/>

Published: Unknown · Retrieved: 2026-10-09

Contractor locates P2 in Western Australia, Australia; reports July 2020 main completion and April 2023 expansion completion, with 3.9MW initial IT capacity and a further 3.5MW reserved.

[6] ASX Release: 1H26 Record Results

<https://www.nextdc.com/news/asx-release-1h26-record-results>

Published: 2026-02-25 · Retrieved: 2026-10-09

Webpage date is 25 February; announcement body says 26 February 2026. Lists 4MW at P2 among capacity being progressed at 31 December 2025.

[7] City of Perth Ordinary Council Meeting Minutes — 28 July 2020

<https://perth.wa.gov.au/-/media/Project/COP/COP/COP/Documents-and-Forms/Council/Documents/Council-Meetings/Agendas-and-minutes/2020/Council/Ordinary-Council-Meetings---28-July-2020---Minutes.pdf>

Published: 2020-07-28 · Retrieved: 2026-10-09

Item 13.1 names NEXTDC as owner of 11 and 27 Newcastle Street; records 2018 approvals, an operational communication pod and a nine-level data centre nearing completion. Combined two-lot area is 7,896m², not a

standalone P2 footprint.

[8] NEXTDC-published Google Maps directions to P2

<https://www.google.com/maps/dir/Current%2BLocation/P2%2F11%2BNewcastle%2BSt,%2BPerth%2BWA%2B6000/@-31.9496948,115.8663606,17z/data=!3m1!4b1!4m5!3m4!1s0x2a32bad93fe50157:0x14c5e245079e139b!8m2!3d-31.9496948!4d115.8685493>

Published: Unknown · Retrieved: 2026-10-09

Operator contact page links this destination. URL encodes destination latitude/longitude separately from viewport center; accessible page contains only a JavaScript shell.

[9] NEXTDC Data Centre - P2 Perth | Hames Sharley

<https://www.hamessharley.com.au/project/nextdc-data-centre-p2-perth>

Published: Unknown · Retrieved: 2026-10-09

Architect identifies NEXTDC as client, ten high-density halls, over 10,000m² initial technical space and over 12,000m² at full fit-out; publishes exterior images.

[10] NEXTDC delivers critical connectivity to WA from its P2 Perth microsite

<https://www.nextdc.com/news/nextdc-delivers-critical-connectivity-wa-its-p2-perth-microsite>

Published: 2019-08-19 · Retrieved: 2026-10-09

Announces a microsite within the P2 property while the main facility was constructed; identifies Superloop as its first customer.

[11] NEXTDC FY25 Annual Report

<https://nextdc.com/hubfs/ASX%20Announcements/Annual%20Report%20FY25.pdf>

Published: Unknown · Retrieved: 2026-10-09

Operations section lists P2 Perth among operational facilities.

Name: [1] [5]

Aliases: [1] [5]

Kind: [1] [3]

Country: [5]

Region: [5] [2]

City: [2] [9]

Metro: [1] [3]

Address: [2] [4] [7]

Operator: [1] [3]

Owner: [7]

Business Model: [3]

Scale: [3] [5]

Statuses: [3] [11]

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

Location: [8] [2] [7]

Stable identifier: 07e778ce-7a1b-4070-8f6a-af3c93e65744