



Technical Specifications

Rio de Janeiro - Cirion Data Center

RIO2

Rio de Janeiro - Cirion Data Center

About Site

RIO2 is Cirion's newest data center development in Brazil, strategically located in Rio de Janeiro and designed to meet rising demand for scalable, high-density infrastructure across Latin America. As part of the RIO campus environment—alongside the operational RIO1 facility—RIO2 is being built from the ground up with AI workloads, cloud expansion, and enterprise transformation in mind.

Open for presale now and scheduled to launch in 2026, RIO2 will offer purpose-built infrastructure, advanced connectivity, and the reliability global and regional organizations require to grow in one of Brazil's most dynamic metro areas. The site is designed to support high power densities, liquid cooling technologies, and flexible deployment options for both local and international customers.

Benefits

• Campus-Scale Expansion

Located adjacent to Cirion's existing RIO1 facility, RIO2 extends our Rio de Janeiro campus, offering customers seamless growth paths and intra-campus connectivity options.

• AI-Ready Design

Built to support high-density cabinets and next-generation workloads, RIO2 is engineered for GPU clusters, hybrid cloud architectures, and scalable AI deployments.

• Presale Access, Early Advantage

Customers can reserve space now to secure priority access to infrastructure in one of Brazil's most sought-after markets—well ahead of the 2026 go-live date.

• Optimized for Connectivity

Benefit from low-latency access to cloud providers, content platforms, and enterprise networks via direct connectivity to Cirion's fiber and cloud ecosystems.

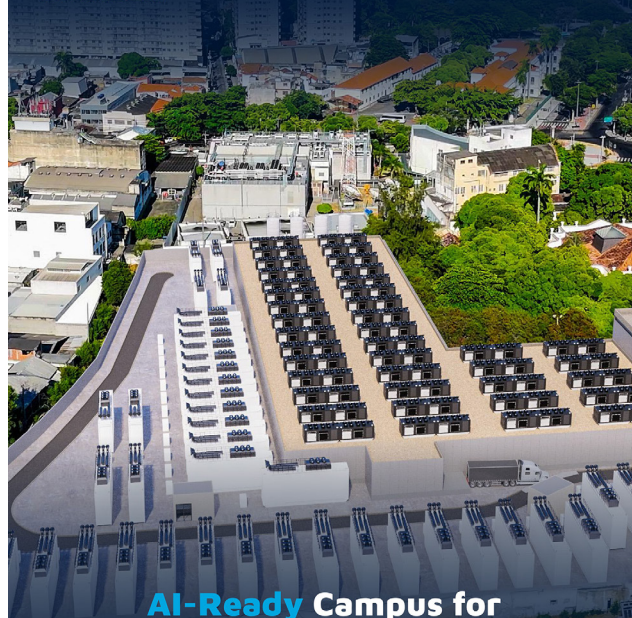
• Operational Resilience

RIO2 will feature advanced power and cooling systems with high availability architecture, backed by Cirion's track record of operational excellence across Latin America.

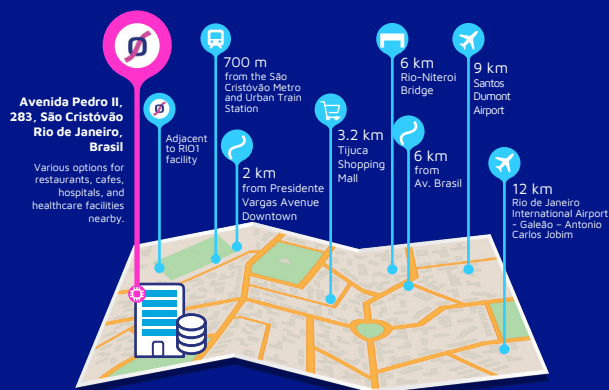
DATA CENTER RIO2

Rio de Janeiro, Brazil

cirion



AI-Ready Campus for High-Density, High-Performance Infrastructure.



Avenida Pedro II, 283, São Cristóvão
Rio de Janeiro, Brasil

CONTACT US

to Discuss Availability



www

ciriontechnologies.com



RIO2 in numbers

IT Capacity (Rack FP)

81MW

880 racks

Total Area (m²)

15,055

Floor Area (m²)

6,683

Renewable Energy

100%

Power (MW)

60

Technical Specifications

Río de Janeiro - Cirion Data Center

Building

Space	
Colocation Space	3,310 m² / 35,624 f²
Building Type	Building with one-story reinforced concrete Seismic-Resistant: Designed to withstand earthquakes up to 8.0 on the Richter scale.
Parking	Yes
Floor Type	Concrete

Fire Protection	
Fire Suppression	Water Mist Fire Suppression System

Facilities

Power & Cooling	
Cabinet Density	90 kw
Utilities Feeders	2
UPS Configuration	Distributed Redundancy
UPS Redundancy	N+N (2N+ 2C)
Prime Power Configuration	6
Standby Power Redundancy	N+N (2N+ 2C)
Cooling Configuration	CRAC Units + Liquid Cooling
Cooling Redundancy	N+1

Security	
Physical	Man trap entry
Human	24/7 onsite security officers
Electronic	Card readers, biometrical readers, CCTV surveillance with 90-day video retention, motion detection

Amenities

- ✓ Break room
- ✓ WiFi
- ✓ Conference Room
- ✓ Coffee and snack vending machine

Products and Services

Cirion Core

- ✓ Colocation
- ✓ Office Space
- ✓ Remote Hands

Cirion Connect

- ✓ Cross Connect

Cirion Compute

- Bare Metal Cloud (To Be Announced)
- Hosting (To Be Announced)
- Storage (To Be Announced)
- Virtual Hosting (To Be Announced)
- Backup (To Be Announced)

Managed

- Operating System Management (To Be Announced)

Reliability

Our Data Centers boasts an industry-leading, high average uptime track record of >99.9999% globally.

Sustainability

- **Renewable Energy:** 100%
- **Type:** Hydroelectric
- **ESG Report**

About Cirion

Cirion Data Centers is a trusted data center partner serving Latin America's most cloud-enabled and highly connected markets — delivering scalable infrastructure, dense interconnection, colocation and wholesale data center capacity to the world's leading cloud platforms and enterprises.

With unmatched reach across Latin America, carrier-neutral facilities, and next-generation environments built to support high-density and AI workloads, Cirion powers the digital businesses behind some of the most critical and fast-growing organizations globally.

CONTACT US

to Discuss Availability



www

ciriontechnologies.com

