



Technical Specifications

Curitiba- Cirion Data Center

CUR1

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About Site

Cirion's Curitiba 1 data center (CUR1) is a strategically located facility in southern Brazil, offering secure, high-density colocation and cloud-ready infrastructure for businesses operating across the region. Situated at Rua do Semeador 350, this two-story, reinforced-concrete building delivers over 660 m² of raised-floor colocation space and is engineered to support mission-critical workloads with resilient design and advanced operational standards.

CUR1 combines robust infrastructure with direct interconnection capabilities and high-density cabinet configurations (up to 6.0 kW), making it ideal for hybrid IT, edge hosting, and cloud platform deployments. With N+1 power and cooling redundancy, multi-certification compliance, 100% renewable hydroelectric power, and full-service remote hands and managed OS support, CUR1 is a high-availability hub for digital transformation in southern Brazil.

Benefits

- **Strategic Location in Southern Brazil**
Positioned in Curitiba, a growing regional tech and logistics hub with proximity to major enterprise corridors.
- **Secure and Certified Facility**
ISO 27001, ISO 20000-1, ISO 22301, ISO 27701, PCI-DSS 4.0, and SOC 1 certified — enabling secure, compliant deployments for regulated industries.
- **High-Density and Scalable Colocation**
Supports cabinet densities up to 6.0 kW, with distributed N+1 power and cooling systems for resilient performance and future growth.
- **Cloud and Carrier Connectivity**
Offers cross-connect services and direct integration with carriers and cloud platforms for hybrid and multi-cloud strategies.
- **Fully Managed Capabilities**
Remote hands, OS management, and virtual hosting services available to reduce operational overhead and improve efficiency.
- **Sustainable Digital Infrastructure**
Powered by 100% renewable hydroelectric energy and aligned with Cirion's ESG commitments.

DATA CENTER CUR1
Curitiba, Brazil

Colocation with Power, Performance, and Flexibility in Southern Brazil.

Rua do Semeador, 350, CIC Curitiba, Brazil
 Near exits to North/South regions of the country.

400 m Rod. Do Contorno
 2,7 km Expresso Shopping JK
 3.3 km Villare - Vila Comercial
 8.4 km BR-376 - Rodovia do Café - Gov. Ney Braga
 29 km Curitiba International Airport - Afonso Pena

Rua do Semeador, 350
CEP. 81270-050

CONTACT US to Discuss Availability

www.ciriontechnologies.com



CUR1 in numbers

IT Capacity (Rack FP)	Total Area (m ²)	Floor Area (m ²)	Renewable Energy	Power (MW)
119	9,111	2,995	100%	1

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Building

Space	
Colocation Space	662 m ² / 7126 ft ²
Building Type	Building with two-story reinforced concrete
Parking	Yes
Floor Type	Raised

Fire Protection

Fire Suppression	FM200
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Facilities

Power & Cooling	
Cabinet Density	6.0 kw
Utilities Feeders	1
UPS Configuration	Distributed Redundancy
UPS Redundancy	N+1
Prime Power Configuration	2 x 450 kva diesel generators
Standby Power Redundancy	N+1
Cooling Configuration	CRAC Units
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
- ✓ Hosting
- ✓ Storage
- ✓ Virtual Hosting
- ✓ Backup

Managed

- ✓ Operating System Management

Reliability

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

Certifications

- ISO 9001
- ISO 20000-1
- ISO 22301
- ISO 27001
- ISO 27701
- ISAE3402 SOC 1
- PCI-DSS 4.0

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.

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