cirion

LIM2

Lima - Cirion Data Center

About Site

Currently available for pre-sale and scheduled for general availability in Q4 2025, Cirion's Lima 2 data center (LIM2) is designed to be one of the most advanced and high-density digital infrastructure facilities in Latin America. Located in Lima, this newly constructed, single-story reinforced-concrete facility will deliver over 2,800 m² of raised-floor space and is engineered for scale, performance, and operational excellence.

LIM2 will feature Cirion's highest cabinet density to date — up to 9.8 kW per rack — along with N+N (2N+2C) power redundancy, N+1 cooling, and a water mist fire suppression system for enhanced protection. With nine utility feeders, robust standby power architecture, and 100% renewable hydroelectric energy, the site is purpose-built for modern, high-availability workloads. Full integration with Cirion's interconnection and compute services ensures flexibility, cloud access, and future growth.

Benefits

- **Pre-Sale Now Open — Launching Q4 2025**
  Secure early access to one of the region's most advanced and high-density digital infrastructure facilities.
- **Cirion's Highest-Density Site**
  Supports cabinet power densities up to 9.8 kW — ideal for compute-heavy, scalable deployments.
- **Robust Redundancy for Always-On Availability**
  Built with distributed N+N UPS and N+1 CRAC cooling, plus standby N+N (2N+2C) diesel generation.
- **Sustainable Power Infrastructure**
  Powered by 100% renewable hydroelectric energy, supporting Cirion's ESG-aligned growth strategy.
- **Advanced Fire Protection**
  Features a water mist fire suppression system for optimal safety and equipment protection.
- **Ready for Interconnection and Compute Expansion**
  Includes cross-connect capabilities and roadmap support for Bare Metal Cloud and Virtual Hosting.
- **Comprehensive Certification Coverage**
  Designed for compliance with ISO 9001, ISO 14001, ISO 20000-1, ISO 45001, and PCI-DSS 4.0 standards.

DATA CENTER LIM2
Lima, Perú

cirion

High-Availability Infrastructure for Operational Continuity and Cloud Scalability

Mártir Olaya S/N, Ciudad Industrial Macrópolis, Lurín, Lima, Perú
Various options for restaurants, cafes, hospitals, and healthcare facilities nearby.

- 7 Km Carretera Panamericana Sur
- 8 Km Comisaría Lurín
- 9 Km Mall KM40 Shopping
- 30 Km Mall del Sur Shopping
- 32 km Clínica Santa Martha del Sur
- 35 Km from Cirion DC LIM1

Mártir Olaya S/N,
Ciudad Industrial Macrópolis,
Lurín, Lima, Perú

CONTACT US
to Discuss Availability

🌐 **www** ciriontechnologies.com

LIM2 in numbers

IT Capacity (Rack FP)	Total Area (m²)	Floor Area (m²)	Power (MW)
1,200	**25,000**	**12,000**	**20**

Technical Specifications

Building

Space	
Colocation Space	2844 m² / 30612 ft²
Building Type	Building with one-story reinforced concrete
Parking	Yes
Floor Type	Raised

Fire Protection	
Fire Suppression	Water Mist Fire Suppression System

Facilities

Power & Cooling	
Cabinet Density	9.8 kw
Utilities Feeders	9
UPS Configuration	Distributed Redundancy
UPS Redundancy	N+N (2N+ 2C)
Prime Power Configuration	6 x 2,1MW DCC
Standby Power Redundancy	N+N (2N+ 2C)
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 (Q4/2025)
✔ 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

• PCI-DSS 4.0
• ISO 9001
• ISO 20000-1
• Tier III Design Documents

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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