



Data Center Technical Specifications

RJ2

Rio de Janeiro IBX® Data Center

Equinix Rio de Janeiro Data Centers

Equinix is the world’s digital infrastructure company. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success. Our Rio de Janeiro data centers, are the network hub of the city and business hubs for 385+ companies. Customers can choose from a broad range of network services from 75+ network service providers and can interconnect directly to customers and partners in their digital supply chain. The Equinix Rio de Janeiro metro International Business Exchange™ (IBX®) data centers consist of three buildings with approximately 71,700 square feet (6,600 square meters) of colocation space.

Our Rio de Janeiro data centers feature a rich concentration of top global networks and enterprise service providers. Customers in RJ1 and RJ2 can interconnect directly with each other as well as other companies colocated in Equinix’s São Paulo facilities.

Rio de Janeiro Data Centers Benefits

- Dense concentrations of top global networks and enterprise service providers
- Premium colocation with network density provides low latency delivery of content to end-users
- Ability to interconnect directly with companies colocating in Equinix’s Sao Paulo facilities
- Carrier peering site

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[Click here](#) to view the metro interconnection map



Building

SPACE

Colocation Space	46,325 ft ² (4,304 m ²)
Building Type	Concrete building
Parking	Adjacent to building (no charge) and adjacent to building (for fee)
Floor Type	Slab
Floor Load Capacity	300 psf (14.36 kN/m ²)

FIRE PROTECTION

Fire Suppression	VESDA and NOVEC
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Facilities

POWER AND COOLING

Cabinet Density	4.0 - 12.0 kVA per cabinet
Utility Feeders	2
UPS Configuration	2N or Block redundant (depending on phase)
UPS Redundancy	2N or N+1 (depending on phase)
Standby Power Configuration	2 x 2,500 kVA and 2 x 3,125 kVA diesel generators
Standby Power Redundancy	2N or N+1 (depending on phase)
Cooling Configuration	Direct expansion units
Cooling Redundancy	N+20%

SECURITY

Physical	Man trap entry
Human	24/7 on-site security officers
Electronic	Card readers, biometric readers, surveillance with 90-day video retention, motion detection

Amenities

- Break Room
- Crash Carts
- Showers
- Work Kiosks
- Conference Room(s)
- Loaner tools
- Wifi

Products and Services

Data Center

- Private Cage
- Secure Cabinet Express
- Secure Cabinet
- Equinix Flex Space
- Equinix Managed Services
- Smart Hands®
- Equinix Smart Build

Interconnection

- Equinix Fabric®
- Fabric Cloud Router
- Equinix Precision Time®
- Equinix Internet Exchange®
- Equinix Internet Access
- Metro Connect®
- Cross Connects

Find the latest product availability on [Equinix Marketplace](#)

Reliability

Our IBX data centers boast an industry-leading, high average uptime track record of 99.999%+ globally.

Certification and Sustainability

Certifications

- ISO 20000
- ISO 20000-1
- ISO 22301
- ISO 27001
- ISO 50001
- ISO 9001
- PCI DSS
- SOC 1 Type II
- SOC 2 Type II
- UpTime-Design
- UpTime-Facility

Sustainability

- Certifications: ISO 50001
- Renewable Energy Coverage: 100% Supplier bundled I-RECs from Brazil
- [Efficiency Tech & Sustainable Innovations:](#) HCAC, Pollinator Monitor, LED, Efficient Humidity Control

About Equinix

Equinix is the world's digital infrastructure company™. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success. We enable our customers to access all the right places, partners and possibilities they need to accelerate advantage. With Equinix, they can scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value.