

IBX TECHNICAL SPECIFICATIONS



MI1

Miami IBX® Data Center

50 NE 9th Street (Main Entrance)
50 NE 8th Street (For Shipments)
Miami, FL 33132

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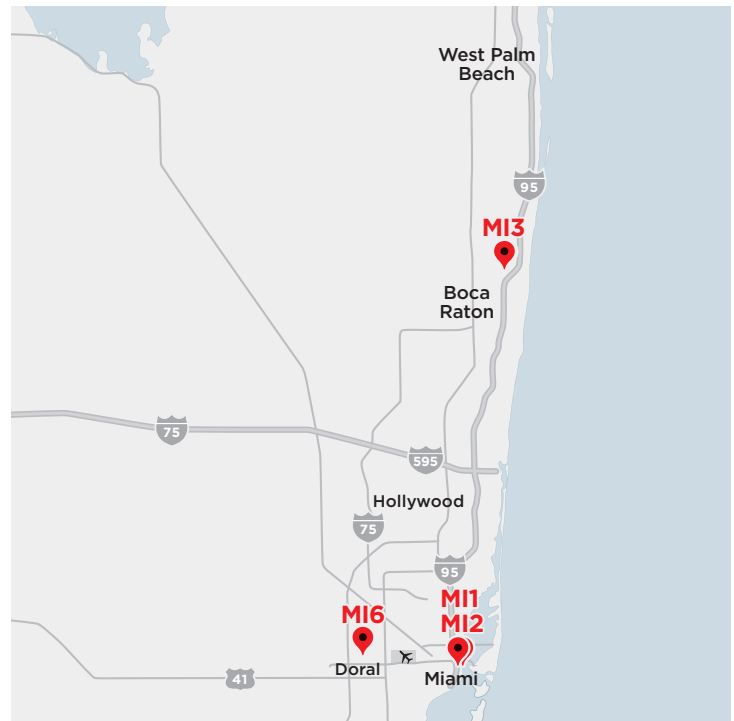
EQUINIX MIAMI DATA CENTERS

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 Miami International Business Exchange™ (IBX) data centers are in the heart of one of the world's largest internet exchange points, and serve as major communications gateways to commercial centers in Latin America, the Northeastern U.S. and Europe. The MI1 data center is located in downtown Miami and hosts a broad choice of networks and other interconnection partners.

Miami is ranked one of the top five most-connected cities in the world and is a key destination point for submarine cable systems, which means it offers superior interconnection and secure routes to global markets. Our facilities provide access to leading Latin American networks, reducing latency to the South and Central American markets. Miami is a growing metro, boasting a highly diverse economy and attracting huge concentrations of commerce, finance, tourism, media and healthcare businesses.

MIAMI IBX BENEFITS

- Lowest latency route to Brazil via GlobeNet, a submarine telecommunications cable system linking the U.S., Bermuda, Venezuela and Brazil
- Direct access to and from Brazilian markets through the Monet subsea system via a cable landing station located inside MI3
- A pathway, through MI1, for data traffic from the Caribbean and South and Central America to more than 148 countries worldwide
- MI1 built 32 feet above sea level and designed to withstand Category 5 hurricane-level winds





IBX TECHNICAL SPECIFICATIONS

Building

Space

Colocation Space	255,512 sq. ft. (23,738 sq. m)
Building Type	6-story, precast/CMU over steel. 7-inch thick steel-reinforced concrete exterior panels.
Parking	Adjacent to building (no charge)

Floor

Floor Type	Raised or slab
Floor Load Capacity	250 psf (11.97 kN/m ²)

Flood Plain Info	Located outside FEMA 500-year designated flood zone. Equipment floors 32 feet above sea level. Roof slope design drains floodwater in excess of 100-year storm intensity assisted by 18 rooftop drains
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Seismic Design Category	Hurricane Endurance: Category 5 hurricane resistant with approximately 19 million pounds of concrete roof ballast
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Fire Suppression	Non-aspirated (duct/ceiling mount)/double-interlocked pre-action (dry pipe)
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Facilities

Power and Cooling

Average Power and Cooling Density	4.0 - 6.0 kVA per cabinet
Power Distribution	120V/208V (Floors 2, 3, 4) 240V/415V (Floor 5)
Utility Feeders	5
UPS Configuration	Distributed redundant or block/reserve
UPS Redundancy	N+1
Standby Power Configuration	6 x 1,100 kW and 6 x 1,760 kW DRUPS (Floors 2, 3, 4) 4 x 1200KW Primary 2 x 1200KW Reserve Static UPS (Floor 5)
Standby Power Redundancy	N+1
Cooling Configuration	Chilled water, CRAHs. Primary chilled water source is district cooling, backup source is Equinix-owned air cooled chillers
Cooling Redundancy	2 x (N+1)

Security

Physical	Environmental sensors notify tenants in case of emergency. This facility has a floor dedicated to U.S. federal government users; access to this floor is restricted to U.S. citizens and requires government clearance.
Human	24/7 on-site armed security officers
Electronic	Proximity access card, biometric access control, multilevel access control, intrusion detection, CCTV surveillance with 90-day video retention

Amenities

- Breakroom
- Conference Room(s)
- Crash Carts
- Showers
- Loaner Tools
- Wi-Fi
- Work Kiosks

Products and Services

Colocation

- Private Cage
- Secure Cabinet
- AC Power Circuits
- DC Circuits
- Antenna
- Secure Cabinet Express
- IBXflex® Office and Storage

Interconnection

- Equinix Fabric™
- Equinix Internet Exchange®
- Cross Connects
- Metro Connect®
- Fiber Connect
- Equinix Internet Access

Services

- [Smart Hands®](#)
- [IBX SmartView®](#)
- Equinix Infrastructure Services

Reliability

Our IBX data centers boast an industry-leading, high average uptime track record of >99.9999% globally.

Certification and Sustainability

Certifications

- HIPAA
- ISO 22301
- ISO 27001
- NIST 800-53/FISMA
- PCI DSS
- SOC 1 Type II
- SOC 2 Type II

Sustainability

- Renewable Energy Coverage: 100% from RECs & Wind PPAs
- Sustainable Tech: Energy Efficiency CoE Site

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.

[Equinix.com](https://www.equinix.com)



EQUINIX

WHERE OPPORTUNITY CONNECTS