

Barcelona Market

BCN01

Barcelona Edge Data Center®

EDCBCN01 will offer a multi-tenant, purpose-built Data Center in Barcelona, a leading economy in Europe and a growing digital, telecommunications, and sub-sea cable hub. Barcelona boasts a metropolitan population of over 5 million, with a strong economic base, and serves as a gateway for Southern Europe and the Mediterranean.

Ideally located outside the city center, but near the international airport, EdgeConneX Barcelona data center sits adjacent to a major power sub-station. The city also has many networks and fiber routes that are either on-net or near-net to support customer connectivity requirements. With the ability to scale and meet future capacity demands, EDCBCN01 is ideally suited to meet the dense and expansive deployment requirements for cloud, network, content and emerging service provider workloads.

With extensive fiber, power density and peering options, EDCBCN01 will deliver high-quality, low latency, and international connectivity to accelerate content delivery, Cloud access and communications services to the region in a carrier-neutral facility with the services and solutions EdgeConneX provides in our data centers worldwide.

Over the past decade, EdgeConneX has delivered more than 40 data centers in over 30 markets worldwide. Our purpose-built, edge-of-Network facilities enable the fastest delivery of bandwidth-intensive, latency sensitive Content and Cloud applications to local consumers and enterprises.



BARCELONA EDGE DATA CENTER

8 MW N+1 initial design located next to supergrid substation

15 km from Barcelona City Centre
7 km from Barcelona–El Prat Airport

Carrier-neutral multi-tenant facility

EdgeConneX Benefits

Distributed Infrastructure

EdgeConneX operates more than 40 data centers in over 50 markets across North America, South America and Europe, ranging from Edge Data Center solutions to Hyperscale facilities, with network diversity to help you reach the customers you want.

Flexibility

EdgeConneX can offer a rack density of 20kW+. Providing the ability to move power commits around from facility to facility – portable kW. Client driven deployment options to ensure your unique needs are met.

Connectivity

The Barcelona data center will be a carrier-neutral facility offering connectivity and interconnections to multiple network providers. This includes access to the AFR-IX cable landing station to link Barcelona to other locations in Europe, Africa, and beyond.

Cooling

Robust and redundant power and cooling to support virtually any application, where temperature and humidity is monitored, controlled and managed to industry standards.

Customer Experience

We aim to deliver a premium customer experience and proximate data center solutions, allowing you to deliver a premium experience to your own customers.

Capability

Purpose-built Tier-3 designed facilities with superior operating reliability, high-density power, and carrier-neutral support to satisfy any customers challenges and demands.



BCN01:
 Carrer Santa Creu de Calafell, 99
 08830 Sant Boi de Llobregat Spain
Coordinates:
 41.32463 2.03324

At EdgeConneX, we are creating a new edge of the Network by designing and deploying Edge Data Centers® (EDC) that are strategically positioned nearest to Network provider aggregation points, establishing new local peering facilities to ensure the most efficient, lowest latency placement of our Customers' content and applications, improved quality of service, and increased security.

Technical Specifications & Configuration

Space

- **2 Data Halls** at 1,700 m² each
- Total Planned Space: 3000 m²
- Customer work space available
- Space available for secure customer storage
- 15 km from Barcelona City Centre
- 7 km from Barcelona–El Prat Airport

Network

- Building POEs are diverse, with a variety of fiber conduits to physically diverse MMR's
- Cogent, Colt Fiber, DE-CIX, EXA Infrastructure, Lyntia, Orange Spain, Telefonica, Vodafone
- Interconnection services available
- Direct link to the AFR-IX cable landing station

Compliance

- ISO 27001, PCI-DSS, and SOC 2 Type 2



Power

- 3.4 MW N+1; planned for 8 MW
- Located next to supergrid substation
- Concurrently maintainable power, min. N+1, includes: PDU, UPS, Generators

Cooling

- Temperature, humidity monitored & managed to industry standards
- N+1 CRACs located in separate suites, maximizing customer area

Fire Suppression

- Pre-action, zoned dry-pipe sprinkler systems with zoned maintenance aisles and separate suites

Security

- Staffed. Multiple access levels; video surveillance system; additional customer security circuits; biometric access control system; regular guard tours around the facility
- 24/7 NOC services

Edge OS

- EdgeOS, our next generation data center operating system provides real-time visibility, including ticketing and SLA management for all EDC locations

Optional Services

- Remote hands: break fixing configuration, troubleshooting
- EdgeConneX Services: design, deploy, build, maintain equipment infrastructure

To learn more about EdgeConneX in Barcelona, Spain, contact info@edgeconnex.com
 Or call +1.866.304.3217