

# BARCELONA BCN

| BCN01

## Barcelona Data Center

The EdgeConneX Barcelona data center offers a multi-tenant, purpose-built experience 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, our facility 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, Barcelona delivers 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.

Barcelona is a growing data center market thanks to several new undersea cables that directly link the city to countries with over 2.9 billion people, including locations across Europe, the Middle East, and Africa. As Spain continues to attract data center investment thanks to the national commitment to renewable energy and the climate to support, Barcelona remains an excellent location for deployments.

### Campus Highlights

- **8.4 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.



### 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.



### Connectivity

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



### 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.



### Cooling

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

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## Technical Specifications & Configuration

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.

### Space

Total 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

### Power

8.4 MW N+1  
Located next to supergrid substation  
Concurrently maintainable power, min. N +1, includes: PDU, UPS, Generators

### Cooling

Temperature and humidity monitored, controlled, and managed to industry standards  
N+1 CRACs located in separate suites, maximizing customer designated areas

### 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

### Fire Suppression

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

### Network Providers

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

### Optional Services

Remote hands services for break fixes, configuration, and troubleshooting

EdgeConneX Services: design, deploy, build, maintain equipment infrastructure

### Standards and Certifications

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



To schedule a walk-through, call us today:  
**1.866.304.3217**