



Spain's pulsating capital, Madrid, thrums with life and opportunity. Its thriving economy, fuelled by service industries and tourism, offers ideal conditions for businesses of all sizes. Whether you are drawn to the historic center or the modern districts, Madrid provides ample space for growth and inspiration. Amidst its electrifying energy, entrepreneurial spirits find the perfect environment to flourish and succeed. As a hotspot for innovation, Madrid's prosperous economy, characterized by digital progress, attracts companies worldwide. High-speed internet, first-class mobile networks, and the nLighten data center with top-tier edge and colocation services ensure optimal connectivity and data storage, giving businesses the digital tailwind they need to soar.

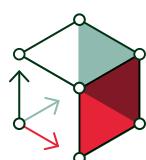
**nLighten Madrid.**

Calle De Lezama 4  
28034 Madrid

**Location specifics.**

**The data center is located in the north of Madrid,** close to the M-607 motorway and just 15 minutes by car from Madrid Airport.

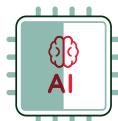
Like the other nLighten facilities, the Madrid location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and a growing ecosystem of partners, all there to optimally support our customers' IT environment.

**Highlights.**

**3,300 m<sup>2</sup>**  
of edge data center space



**1,500 kW**  
site capacity (end-state)



High Density  
(AI ready): 15 kW to  
150+ kW



Sustainability:  
Commitment to a  
net-zero carbon  
footprint



Compliance:  
[Explore our  
certifications](#)



Connectivity:  
[Explore nConnect,  
our Network Service  
Platform](#)

## Edge data center Madrid Features.



### DATA CENTER

|                     |   |   |
|---------------------|---|---|
| <b>Location</b>     | Conveniently located for easy access by road and public transport   | ✓ |
| <b>Design</b>       | Tier III design target  | ✓ |
| <b>Connectivity</b> | Carrier-neutral data center with diverse fibre entry points and meet-me areas for rapid activation  | ✓ |
| <b>Cooling</b>      | Cooling and humidity design complying with ASHRAE A1 allowable category   | ✓ |
| <b>Compliance</b>   | We adhere to industry-leading standards, comply with applicable regulations, and continuously enhance our infrastructure and security posture. <a href="#">Explore our certifications</a> | ✓ |



### POWER

|   |                   |
|---|-------------------|
| Redundant power with independent A and B feeds to each cabinet        | ✓                 |
| Site capacity (end-state)   | <b>1,500 kW</b>   |
| Design Power Usage Effectiveness (PUE)                                | <b>1.29</b>       |
| Standard Power Density (air cooling): 2-7 kW, up to 15 kW per cabinet | <b>Yes</b>        |
| High-density (AI-ready): 15 kW to 150+ kW                             | <b>On request</b> |



### SUSTAINABILITY

|  |                          |
|--|--------------------------|
| Heat recovery; residual redirected to local heating networks           | <b>Feasibility study</b> |
| 100% carbon free energy backed by Guarantees of Origin                 | <b>Yes</b>               |
| Power Purchase Agreement (PPA)s  | <b>Yes</b>               |
| <a href="#">Integrated Carbon-Free Energy (ICFEn) score calculated</a> | <b>Yes</b>               |



### SECURITY

|   |   |
|---|---|
| Dual factor access control (pin/biometrics)                 | ✓ |
| CCTV – Full coverage, storage in compliance with local laws | ✓ |
| Fire suppression in the data hall                           | ✓ |



### SUPPORT

|   |   |
|---|---|
| 24/7 service desk and 24/7 access to NOC services | ✓ |
| <a href="#">On-site services</a>                  | ✓ |

Want to know more? Have any questions? Or simply want to get in touch with us?  
 Find out more on [www.nLighten.com](http://www.nLighten.com).