



nLighten edge data center

Madrid.**MAD1**

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.

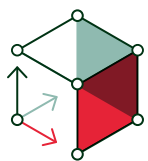
**nLighten Madrid.**

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 m²**

of edge data center space

**2,000 kW**proposed end-state
site capacity

AI-readiness:
Design build of up to 50+ kW
rear-door cooling




Sustainability:
Commitment to a net-zero
carbon footprint



Compliance:
ISO27001

[Explore our certifications](#)


Edge data center Madrid Features.



close • coupled • connected


DATA CENTER

Location	Conveniently located for easy access by road and public transport	✓
Design	Tier III design target	✓
Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas	✓
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	✓
Compliance	ISO27001 We adhere to industry-leading standards, comply with applicable regulations, and continuously enhance our infrastructure and security posture. Explore our certifications	✓




POWER

Redundant power with independent A and B feeds to each cabinet	✓
Proposed end-state site capacity	2,000 kW
Design power usage effectiveness (PUE) all phases	1.29
Standard density	2 – 7 kW available
High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)	New rooms




SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	Feasibility study ongoing
Commitment to a carbon-free energy footprint	Green certificates



SECURITY

Dual factor access control (pin / biometrics); five lines of defence design target	✓
CCTV – Full coverage, storage in compliance with local laws	✓
Fire suppression in the data hall	✓



24/7

SUPPORT

24/7 service desk and 24/7 access to NOC services	✓
24/7 remote hands	✓
On-site staffing	Office hours