



CGN1

Dominated by the twin spires of its famous cathedral, Cologne is the largest city in North Rhine-Westphalia. It is also an important commercial centre, especially for the automotive, insurance, media and chemical industries, making it a key regional communications hub. The nLighten data center optimally supports this key industrial heartland and its surrounding areas.

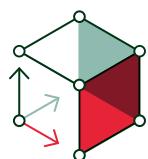
**nLighten Cologne.**

Max-Planck-Straße 36
50354 Hürth

Location specifics.

The data center is conveniently located, just off the A4 motorway, 6 km from Cologne city center, and 30 minutes by car from the two nearby airports. The data center has an area of 1,960 m², 4,800 kW of power, an office area and ample parking space.

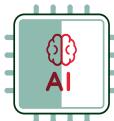
Like the other nLighten facilities, the Cologne location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and a growing ecosystem of partners, all there to optimally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

Highlights.

1,960 m²
of edge data center space



4,800 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 Cologne Features.



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 for rapid activation	✓
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	✓
Compliance	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	✓
Site capacity (end-state)	4,800 kW
Design power usage effectiveness (PUE) all phases	1.29
Standard Power Density (air cooling): 2-7 kW, up to 15 kW per cabinet	Yes
High-density (AI-ready): 15 kW to 150+ kW	Yes



SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	Feasibility study
100% carbon free energy backed by Guarantees of Origin	Yes
Power Purchase Agreement (PPA)s	Yes
Integrated Carbon-Free Energy (ICFEn) score calculated	Yes



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	✓
On-site services	✓

Want to know more? Have any questions? Or simply want to get in touch with us?
Find out more on www.nLighten.com.