



HAM1

The major port city of Hamburg is home to the most northerly of the nLighten data centers in Germany. Famous for its shipping industry, Hamburg is also a significant manufacturing base, especially in the production of steel, aluminium, and copper. It also boasts a thriving creative community with multiple media and publishing firms as well as 2,000 companies in the music business alone. The creative and other industries in Hamburg depend on reliable colocation and internet infrastructure, of which the nLighten data center is an important part.



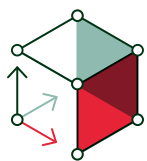
nLighten Hamburg.
Großmoorbogen 25
21079 Hamburg

Location specifics.

The data center is conveniently located just off the A1 motorway, 15 minutes from Hamburg's main train station, and 30 minutes by car from Hamburg Airport. The data center has an area of more than 555 m², 35 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Hamburg 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.



555 m²
of edge data center space



35 kW
proposed end-state
site capacity



Sustainability:
Commitment to a net-zero
carbon footprint



Compliance:
ISO27001
[Explore our certifications](#)

Edge data center Hamburg Features.

nlighten
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	35 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)	No



SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	Feasibility study
Commitment to a carbon-free energy footprint	Green certificates upon request, CFE scoring commitment



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