



As the capital of the state of Lower Saxony and a major regional junction, Hanover is a strategic location for the nLighten data center. The city is also one of the world's most important trade fair locations and a key communications hub. The nLighten data center in Hanover was established several years ago and has become a major communications hub for businesses in the city.

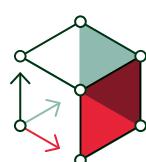
**nLighten Hanover.**

Vahrenwalder Straße 199
30165 Hannover

Location specifics.

The data center is conveniently located close to the A2 motorway and just 15 minutes by car from Hanover Airport. The data center has an area of more than 863 m², 1,800 kW of power, an office area and ample parking space.

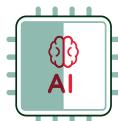
Like the other nLighten facilities, the Hanover data center enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and a growing ecosystem of partners, all there to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

Highlights.

863 m²
of edge data center space



1,800 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 Hanover 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)	1,800 kW
Design Power Usage Effectiveness (PUE)	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	On request



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.