

close · coupled · connected





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.





Final capacity figures under review



Sustainability: Commitment to a net-zero carbon footprint



Compliance: ISO27001 in all locations

## **Edge data center Hamburg Features.**



Office hours

	Location	Conveniently located for easy access by road and public transport	<b>~</b>
nliahtan	Design	· Tier III design target	<b>-</b>
close · coupled · connected	Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas	
DATA CENTER	Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	<b>√</b>
	Compliance	ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	<b>-</b>
	-		
	Redundant power with independent A and B feeds to each cabinet		
	Proposed end-state site capacity  Design power usage effectiveness (DLE) all phases		Under review 1.29
	Design power usage effectiveness (PUE) all phases  Standard density		
	Standard dens	itv	2 – 7 kW available
POWER		ositions up to 12 kW Air-cooling and oor-cooling (AI-ready)	2 – 7 kW available
POWER	High density p 50+ kW rear d	ositions up to 12 kW Air-cooling and	No Feasibility study
POWER	High density p 50+ kW rear d Heat recovery	ositions up to 12 kW Air-cooling and oor-cooling (AI-ready)	
	High density p 50+ kW rear d  Heat recovery  Commitment	ositions up to 12 kW Air-cooling and oor-cooling (Al-ready)  residual redirected to local heating networks  to a carbon-free energy footprint	Feasibility study  Green certificates upon request,  CFE scoring
	High density p 50+ kW rear d  Heat recovery  Commitment	ositions up to 12 kW Air-cooling and oor-cooling (Al-ready)  residual redirected to local heating networks  to a carbon-free energy footprint  cess control (pin / biometrics); five lines of	Feasibility study  Green certificates upon request, CFE scoring
	High density p 50+ kW rear d  Heat recovery  Commitment  Dual factor acdefence design	ositions up to 12 kW Air-cooling and oor-cooling (Al-ready)  residual redirected to local heating networks  to a carbon-free energy footprint  cess control (pin / biometrics); five lines of	Feasibility study Green certificates upon request, CFE scoring commitment
	High density p 50+ kW rear d  Heat recovery.  Commitment  Dual factor ac defence design  CCTV – Full co	ositions up to 12 kW Air-cooling and oor-cooling (Al-ready)  residual redirected to local heating networks  to a carbon-free energy footprint  cess control (pin / biometrics); five lines of n target	Feasibility study Green certificates upon request, CFE scoring commitment
JSTAINABILITY	High density p 50+ kW rear d  Heat recovery.  Commitment  Dual factor ac defence design  CCTV – Full co	ositions up to 12 kW Air-cooling and oor-cooling (Al-ready)  residual redirected to local heating networks  to a carbon-free energy footprint  cess control (pin / biometrics); five lines of n target  overage, storage in compliance with local laws	Feasibility study Green certificates upon request, CFE scoring commitment

On-site staffing

SUPPORT