

close · coupled · connected



BER1

As well as being a lively cultural hub, Berlin is also Germany's most populous city, with 3.7 million inhabitants and is Europe's premier business start-up and scale-up location. Recent surveys have found that Berlin is the most attractive city for would-be entrepreneurs. So it is only logical that nLighten chose to set up a data center there to support the city's start-up scene.



### nLighten Berlin.

Albert-Einstein-Ring 17 14532 Kleinmachnow

#### Location specifics.

#### The nLighten edge data center in Berlin

offers you the ideal location – just off the A115 motorway, 25 minutes from the main train station, and 30 minutes by car from Berlin Brandenburg Airport. The edge data center has more than 3,894 m<sup>2</sup> of space, 1,600 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Berlin location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The edge 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.



 $3,894 \text{ m}^2$ 

of edge data center space



1,600 kW

proposed end-state site capacity



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



Sustainability:
Commitment to a net-zero
carbon footprint



Compliance: ISO27001 in all locations

# Edge data center Berlin Features.



Office hours

	Location	Conveniently located for easy access by road and public transport	<b>~</b>
nlighten	Design	Tier III design target	
close · coupled · connected	Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas	<b>√</b>
DATA CENTER	Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	√
	Compliance	ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	
	Redundant po	wer with independent A and B feeds to each cabinet	
POWER	Proposed end-state site capacity		1,600 kW
	Design power usage effectiveness (PUE) all phases		1.29
	Standard density		2 – 7 kW available
POWER		ositions up to 12 kW Air-cooling and oor-cooling (AI-ready)	New rooms
POWER	50+ kW rear d	· · · · · · · · · · · · · · · · · · ·	New rooms  Feasibility study
JSTAINABILITY	50+ kW rear d	oor-cooling (Al-ready)	Feasibility study
	Heat recovery:  Commitment	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
	Heat recovery.  Commitment	cresidual 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
	Heat recovery:  Commitment of the control of the co	to a carbon-free energy footprint  cess control (pin / biometrics); five lines of n target  by by control (pin compliance with local laws	Feasibility study  Green certificates upon request,  CFE scoring commitment
	Heat recovery:  Commitment of the control of the co	cresidual 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	Heat recovery.  Commitment of the second defence design and the suppression of the suppre	to a carbon-free energy footprint  cess control (pin / biometrics); five lines of n target  by by control (pin compliance with local laws	Feasibility study  Green certificates upon request,  CFE scoring commitment

On-site staffing

**SUPPORT**