



nLighten edge data center

Birmingham.**BHX1**

Birmingham is the second-largest city in the UK and lies in the heart of the Midlands. Home to a dynamic technology sector, as well as thriving advertising agencies and a robust financial services industry, Birmingham has garnered a reputation as a magnet for innovative enterprises. The nLighten data center in Birmingham strengthens the city's telecommunications networks and IT sector. It contributes to making Birmingham a prime destination where businesses converge with the future, forging a dynamic and forward-thinking environment for both industry and technology.

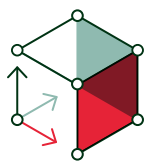
**nLighten Birmingham.**

The Garrison, Technology Park
10 Westley St
B9 4ER Birmingham

Location specifics.

The data center is conveniently located near the city center of Birmingham, close to the M6 motorway and just 30 minutes by car from the Birmingham Airport. The data center has an area of 930 m², 9,600 kW of power, an office area and ample parking space.

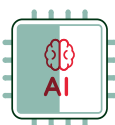
Like the other nLighten facilities, the Birmingham location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and a growing ecosystem of partners, all there to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

Highlights.**930 m²**

of edge data center space

**9,600 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 Birmingham Features.



 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 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)	9,600 kW
Design Power Usage Effectiveness (PUE)	1.29
Standard 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	Project progressing
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	✓



 24/7

SUPPORT

24/7 service desk and 24/7 access to NOC services	✓
On-site services	✓