



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.

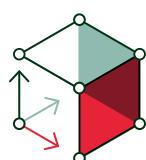
The Garrison, Technology Park  
10 Westley St  
B9 4ER Birmingham

## 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 m<sup>2</sup>, 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.

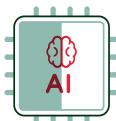
## Highlights.



**930 m<sup>2</sup>**  
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.



### DATA CENTER



#### POWER

|                     |   |   |
|---------------------|---|---|
| <b>Location</b>     | Conveniently located for easy access by road and public transport   | ✓ |
| <b>Design</b>       | Tier III design target  | ✓ |
| <b>Connectivity</b> | Carrier-neutral data center with diverse fibre entry points and meet-me areas for rapid activation  | ✓ |
| <b>Cooling</b>      | Cooling and humidity design complying with ASHRAE A1 allowable category   | ✓ |
| <b>Compliance</b>   | We adhere to industry-leading standards, comply with applicable regulations, and continuously enhance our infrastructure and security posture. <a href="#">Explore our certifications</a> | ✓ |

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

✓



#### 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](http://www.nLighten.com).