



nLighten edge data center

# Nottingham.

EMA1

Nottingham, known for its vibrant cultural scene, is also the largest economic area in the East Midlands. With a diverse population and a growing reputation as a hub for business start-ups and scale-ups, Nottingham attracts entrepreneurs and innovators, and it has been identified by recent studies as a top choice for aspiring business owners. Therefore, it is no surprise that nLighten runs a data center in this dynamic city, providing crucial support to the local business community and contributing to Nottingham's growing prominence in business and technology.



## nLighten Nottingham.

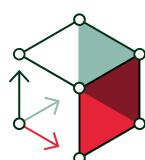
Blenheim Industrial Estate,  
1 Bennerley Rd  
NG6 8UY Nottingham

## Location specifics.

**The data center is conveniently located in the north of Nottingham**, close to the M1 motorway and just 25 minutes from Nottingham City Airport. The data center has an area of 8,750 m<sup>2</sup>, 9,600 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Nottingham 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.

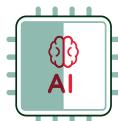
## Highlights.



**8,750 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 Nottingham Features.



### DATA CENTER

<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>	✓



### POWER

Redundant power with independent A and B feeds to each cabinet	✓
Site capacity (end-state)	<b>9,600 kW</b>
Design Power Usage Effectiveness (PUE)	<b>1.29</b>
Standard Power Density (air cooling): 2-7 kW, up to 15 kW per cabinet	<b>Yes</b>
High-density (AI-ready): 15 kW to 150+ kW	<b>Yes</b>



### SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	<b>Feasibility study</b>
100% carbon free energy backed by Guarantees of Origin	<b>Yes</b>
Power Purchase Agreement (PPA)s	<b>Yes</b>
<a href="#">Integrated Carbon-Free Energy (ICFEn) score calculated</a>	<b>Yes</b>



### 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	✓
<a href="#">On-site services</a>	✓

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).