



Bristol is located in the southwest of England and has a rich seafaring history. Today, the former port in the city center is a cultural center, and Bristol is known for its thriving street art scene. The city attracts many companies, and this dynamic environment has propelled Bristol into a hotspot for cutting-edge enterprises. Bristol's robust economy and advanced technology landscape have made the city a hotspot for cutting-edge enterprises, attracting many companies. This dynamic environment has firmly positioned Bristol as a key player in the UK's business landscape. The nLighten data center in Bristol offers essential colocation and edge computing services, and plays a pivotal role in reinforcing the city's telecommunications infrastructure.

**nLighten Bristol.**

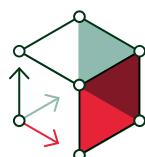
1120 Park Ave  
Aztec W  
BS32 4SX Bristol

**Location specifics.**

**The data center is conveniently located in the north of Bristol**, close to the M5 motorway and just 35 minutes by car from the Bristol airport.

The data center has an area of 2,040 m<sup>2</sup>, 10,800 kW of power, an office area and ample parking space.

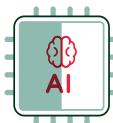
Like the other nLighten facilities, the Bristol location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and a growing ecosystem of partners, all there to optimally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

**Highlights.**

**2,040 m<sup>2</sup>**  
of edge data center space



**10,800 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 Bristol 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)

**10,800 kW**

Design Power Usage Effectiveness (PUE)

**1.29**

Standard Power 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

**Feasibility study**

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).