



Located just north of downtown Charlotte in Mooresville, NC, this former Dale Earnhardt Motorsports building was converted in 2018 to a fully-compliant Tier III data center.

This facility has a Heavy Power Distribution Substation located on premises, and is directly connected to the two Duke Energy power generation plants south of Lake Norman, ensuring high capacity access to North Carolina's highest availability network and plentiful green and renewable hydro energy.

Carrier-neutral with access to several major long-haul fiber carriers, MPLS network connectivity is delivered through diverse routes into dual Meet-Me rooms.

GIGA Data Centers offers a 100% Uptime SLA.

Building

Campus	21.25 acres
Square Footage	165,800 sq. ft. total building; 120,000 sq. ft. total data hall
Building Construction	Concrete slab-on-grade and structured steel
Structure Rating	Data Hall FM-120; Office FM-90 Risk Category IV building
Fire Detection	VESDA with dual interlock pre-action sprinkler system
Loading Dock	3 Dock Bays, 7 Drive-in Bays
Office Space	Dedicated space available and shared drop-in space
Storage Space	Available for rent
Access	24 x 7 x 365

Security & Compliance

Monitoring	24x7x365 onsite security guards
Fencing	Perimeter and all entrance gates
Authentication	Three-factor required to enter data hall and POD
Cameras	Full-campus CCTV; off-site storage and monitoring
Certifications	SSAE16 and SOC2 Type II, HIPAA and PCI DSS 3.1

Power

Utility Power	Duke Energy; dedicated on-site substation
Available Power	Initial build: 4MW; Full build: 60MW
UPS	2N or N+1 supported, concurrently maintainable
Generators	2N power block redundancy
Distribution	Redundant A+B distribution systems to each rack/POD
Power Metering	Revenue grade, real-time metering available to rack/POD
Power Density	Up to 50kW per rack
PUE	Guaranteed 1.15
Lightning protection and perimeter grounding system installed	

Network

Telco Duct Banks	Two diverse conduit entrances
Carrier Neutral	Multiple carrier providers
Carriers	CenturyLink/Level(3), Sprint, Windstream, Comcast, Telia, Zayo, AT&T, Cogent
Meet-Me-Rooms	Two diverse MMRs
Exchange Access	ATL and CLT Internet Exchanges
Public Cloud	AWS and Azure direct connects