

BIRMINGHAM, AL

DC BLOX BIRMINGHAM. The BHM1 data center has been certified by the Uptime Institute for Tier III Design and Constructed Facility, ensuring a high-level of infrastructure reliability. The ‘Magic City’ is also served with interconnectivity provided by DC BLOX’s resilient, high-speed fiber-optic network enabling access to Internet exchanges, public cloud providers and other DC BLOX data centers. BHM1 is located near UAB’s campus with easy access from the airport and I-65.

▲ BUILDING SPECIFICATIONS

- 31,000 sq. ft. initially; expandable up to 200,000 sq. ft.
- 13,000 sq. ft. of tenant office space with conference rooms, demo space, hoteling cubes and work stations
- 48U lockable cabinets
- Precast concrete shell
- Reinforced concrete slab in data halls
- Turn-key and build-to-suit options available
- 150 mph wind-rated structure
- High-density options available

▲ SECURITY

- Enhanced security built to CUI (Controlled Unclassified Information) standards
- Perimeter fencing
- 24x7x365 manned security desk
- Vehicle gate
- Secure customer lockers
- Layered security from the perimeter to each cabinet
- CCTV at perimeter, ingress/egress, office, data hall and cabinets
- Documented path for up-scope of security

▲ HIGH-DENSITY COLOCATION

- Supports up to 32kW per 48u cabinet
- Water-cooled rear-door heat exchangers per cabinet
- Larger cabinet size - 800x1200
- Mix standard cabinets and HPC cabinets in same data hall

▲ POWER

- Up to 5MW critical load; expandable up to 60MW
- N+1 generator backup
- N+1 UPS systems
- Dual UPS feeds to all cabinets
- 24-hour on-site fuel storage

▲ CONNECTIVITY

- Private, optical connectivity across the Southeast - 100% SLA
- Carrier-neutral with virtual cross-connects to carriers in any DC BLOX data center
- 100G+ optical connectivity powered by Ciena
- Low latency to internet exchanges = hundreds of carrier connections
- Private connectivity to public cloud providers
- Software-defined network (SDN) for rapid provisioning

▲ COOLING

- N+1 cooling
- Hot aisle containment
- High-efficiency Direct Expansion (DX)



Sales and property tax abatements for up to 15 years



First multi-tenant data center in Alabama to receive Uptime Institute’s Tier III certification for Design and Constructed Facility.

