

# MEM

## MEMPHIS

| MEM01

### Market Overview

The Memphis EdgeConneX Edge Data Center® (EDC) has been purpose-built and precisely located in order to provide a secure colocation facility for customers wishing to deliver content and applications to local-market consumers, with the lowest possible latency. Partnering with network and cable operators at the local level, our carrier neutral facility guarantees the shortest and fastest routes for delivering content to local market subscribers (consumer and enterprise) and Internet customers.

Memphis is the second-largest city in the state of Tennessee and sits at the junction of Tennessee, Arkansas, and Mississippi. Deployments in the city thus offer low-latency connectivity to these adjacent states, with Missouri and Kentucky not far removed. Right on the Mississippi River, the city has long been a major shipping hub for interstate commerce and now offers data center capacity to match.

### Campus Highlights

- **MEM01:** 500 kW N+1 scalable to 1.5 MW
- **MEM01:** Carrier-neutral, Network diversity
- **MEM01:** 6 miles from downtown, 18 miles from Memphis International Airport



### EdgeConneX Benefits

#### Capacity

State of the art data centers with the flexibility to support deployments ranging from a single rack, to a large custom cage or pod, all the way to a build to suit data center any of which can further scale to meet future needs for growth.

#### Connectivity

Many leading NSP's and MSO's are deployed in our Memphis Data Center and available for interconnection.

#### Capability

Purpose-built Tier-3 designed facilities with superior operating reliability, high-density power, and carrier-neutral support to satisfy any customers challenges and demands.

#### Cloud

Multi-Cloud access solutions for enterprises may be supported locally through our technology and solution partners meaning customers can locally access leading CSP's directly from our Memphis Data Center.

#### Customer Experience

We aim to deliver a premium customer experience and proximate data center solutions, allowing you to deliver a premium experience to your own customers.

#### Partners

Our world-class partners help EdgeConneX deliver the combination of solutions your business needs.

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## Technical Specifications & Configuration

### Space

16,700 sq ft facility  
5,633 sq ft of raised floor for tenant racks  
Within 18 miles of downtown MEM and 6 miles of Memphis International Airport  
Customer work space available  
WiFi network access and cell phone repeaters boosters throughout the facility

### Power

500kW N+1; planned for 1.5 MW  
Concurrently maintainable power in a minimum of an N+1 configuration to include:  
- PDU - UPS - Generators  
Capable of 20+kW per cabinet  
Capable of 600+ watts per sq ft  
Ghost space not required for cooling power dense installations  
Real-time branch circuit monitoring

### Cooling

The facility has robust and redundant power and cooling to support any application, where temperature and humidity is monitored, controlled and managed to industry standards.  
30 inch raised/under floor forced air plenum  
N+1 CRACs located in separate suites, maximizing customer designated areas

### Security

Multi-stage security containment systems that use PIN and live video authentication

Mantraps and strictly enforced protocols regarding entry access  
24/7 Color CCTV/video surveillance and >90-day online video storage  
Interior managed security zones  
National network operations center for security management  
24/7 NOC services

### Fire Suppression

Pre-action, zoned dry-pipe sprinkler systems with zoned maintenance aisles and separate suites

### Network Providers

Building POEs are diverse, with a variety of fiber conduits to physically diverse MMR's  
Arelion, Arvig, Charter, CloudFlare, Cogent, Comcast, Lumen, Neutral Path, Whitesky, Windstream, Zayo

### Optional Services

Remote hands services for break fixes, configuration, and troubleshooting  
EdgeConneX Services: design, build, implement, and maintain your equipment infrastructure  
EdgeOS, our next generation data center operating system provides real-time visibility, including ticketing and SLA management for all EDC locations

### Standards and Certifications

The MEM01 data center is SOC2 Type 8, ISO 27001, PCI DSS and HIPAA compliant.



To schedule a walk-through, call us today:  
**1.866.304.3217**