patmos

High-Density AI Datacenter

1601 McGee St, Kansas City, MO 64106

- High-Capacity GPU Colocation
- Rack-Ready in 90 Days

- White Space Fit-Out to Your Spec
- 100kW+ Per Rack

10 MW AVAILABLE NOW

IN 2.5MW INCREMENTS

$252/kW
Monthly Recurring Charge, inclusive of power

Custom-Built AI Colo Facility
A unique AI datacenter facility built into the historic Star building in downtown Kansas City, this location offers exceptional connectivity, power and cooling custom-built for high-density GPU and HPC colocation.

90 Days - Fastest Time to Online
Patmos teams will fit out your colo space to your specific requirements. Order your racks, we make your space rack-ready, and you can roll in and power on in around 90 days.

TECH SPECS ≫

📞 **CALL**

1-866-226-3376

TO RESERVE

Building

- 1601 McGee St, Kansas City, MO 64106
- Leasable Premises Area 360,000 Square Feet

Power N+1

Utility Feeders:
- Two 13,200 KVA electrical services
- 7MW of IT space is currently available, with another 20MW coming online in 2026

480/277 volt, 3-phase service:
- Data halls are custom-built with high-density IT loads in mind, with 415V 3-phase configurable bus tap boxes

Battery Backup UPS:
- Vertiv UPS systems with lithium-ion batteries, built with a catcher UPS system for N+1 redundancy

Cooling N+N

In-building cooling plant:
- 3 Cooling Towers in the building
- 4 Trane centrifugal Chiller Units

District Chilled Water:
- We also utilize district chilled water from Vicinity Energy, allowing us to have lower PUE and more green energy with our in-building plant as backup

Data hall cooling:
- Vertiv Chiller distribution units supply the data hall's floor white space with chilled water, which is engineered to be directed to the chip or for RDHx

Fire Suppression

Data Center:
- Dedicated Pre-Action System

Meet-me-room:
- FM200 fire suppression

Security

- 24-7 armed security + AI robot
- Dedicated head of physical security
- State-of-the-art video and access control systems, including two-factor physical access systems and tiered physical access design

Bandwidth/Fiber

On-Net providers:
- AT&T and Segra Fiber, Patmos Blended bandwidth mix, KCIX local peering

Fiber Connectivity:
- Multiple fiber entries and redundant fiber paths to the local Kansas City carrier hotels

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