

Aurora II

CyrusOne Data Center

2805 Diehl Road

Aurora, IL 60502

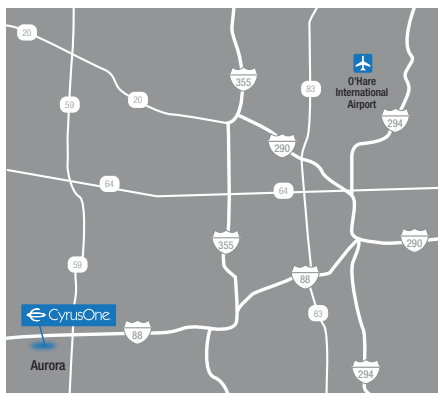
This data center campus represents the preeminent financial services colocation hub in the industry and creates significant opportunities by offering a unique ecosystem to energy, enterprise, fintech, and cloud customers.

Enhanced Geographic Diversification

CyrusOne's one of two Chicagoland locations supporting large multi-megawatt deployments of critical infrastructure for the Fortune 1000.

Global Risk Management Campus

The Aurora facilities provides financial risk management with open and cost-efficient access to an extensive digital eco-system that includes retail colocation, disaster recovery, private and public cloud access, data storage, and high performance compute.



Overview

- 428,000-square-foot facility data center (more than 7 football fields)
- 240,000 square feet of raised floor
- 36,000 square feet of office space
- Wholesale and retail colocation space
- Build to suit cages and smart hands services
- High-density configurations
- Cloud provider connectivity and cross-connects
- Access to CyrusOne National Internet Exchange, including metro and city-to-city connectivity solutions
- Business continuity and disaster recovery options
- Office or work area recovery space
- Ideal for production and synchronous data replication for mission-critical applications

Aurora II Technical Specifications

Building

- 428,000 square foot data center
- Suites, cages, cabinets available to match required footprints
- Colocation cabinet layout follows hot/cold aisle design
- Conference rooms break room available
- Client office and storage space
- Visitor WiFi access throughout
- Four secure semi-truck loading docks

Power

- 50.4 MW utility capacity
- 138 kV utility voltage
- 2 utility feeders
- 2 transformers on site
- 2N & 4:3 distributed redundant
- 2.25 MW each Genset

Cooling

- Air Cooled Chiller Plant provides 3000 Tons at N+2 per data hall
- Free cooling below 30F. Variable Frequency Drives (VFD's) throughout
- Color-coded to align with Power Rooms
- CRAH units with energy efficient fans
- 17 kW per cabinet– driven by air-cooled delta T

Security

- Security gate and anti-tailgating sally port outside of facility
- Security fence around the site
- 7 layers physical security from property to server
- Security guards on duty 24x7x365
- Card reader at the security gate
- Bio-reader and anti-tailgate turnstile to enter facility
- Bio-reader to enter data hall

Fire Protection

- VESDA early fire detection technology deployed throughout facility
- Double interlock preaction system

Fiber and Building Entry

- Two separate diverse external POE's to Aurora II
- Two separate diverse internal POE's to Aurora II from Aurora I CCA & CCB

Site Plan

