

ASHBURN II DATA CENTER CAMPUS OVERVIEW

Vantage's second campus in Northern Virginia, the world's largest data center market.



FEATURES

- 18-acre campus
- 96MW of critical IT capacity
- Three planned, multi-story data centers
- 800,000 SF of space
- 300W/SF average density
- Class A building amenities including office, conference rooms, break rooms and more

SPECIFICATIONS

POWER	96 MW of IT capacity
POWER DENSITY	Up to 300W/SF
SQUARE FEET	800,000 SF

AMENITIES

- Customizable offices and workspaces dedicated to individual customers
- Secure storage with easy access between data modules
- Multiple conference rooms and meeting spaces throughout the campus
- Proximity to local amenities like Reston Town Center, One Loudoun, IAD airport and more

POWER

- Multiple, diverse power feeds supporting the campus
- 480V end-to-end electrical distribution

COOLING

- Computer Room Air Handling (CRAH) units located in two galleries on opposite sides of each data module allow for highly efficient airflow distribution
- Closed-loop chilled water system with air-side economizers
- N+2 redundancy across all mechanical systems
- Water Utilization Efficiency (WUE) is near zero (liters/kW/hr) using the latest cooling design

CONNECTIVITY

- All major fiber-based service providers operating within two miles of the campus
- Six Meet-Me-Rooms (MMRs) throughout the campus, allowing for diverse paths and multiple connectivity options
- Three points-of-entry (POEs) for the campus ensuring maximum path diversity for inbound carriers
- Diverse fiber pathways into the campus (minimum two paths per carrier)

SECURITY

- On-site security operations center with patrols 24x7x365
- Perimeter security gates and fencing
- CCTV on all access control points throughout the entire campus
- Dual authentication (access badge/PIN and biometric readers) for customer and critical infrastructure areas
- Visitor management system and badging to control and track onsite personnel all the time