



EQUINIX

Data Center Technical Specifications

DC21

Washington, D.C. IBX® Data Center

Equinix Washington, D.C. Data Centers

Equinix is the world's digital infrastructure company™. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success. Our Washington, D.C. International Business Exchange™ (IBX) data centers are business hubs for 1,360+ companies. Our D.C. customers can choose from a broad range of network services from 190+ providers. They can also interconnect directly to customers and partners in their digital supply chain.

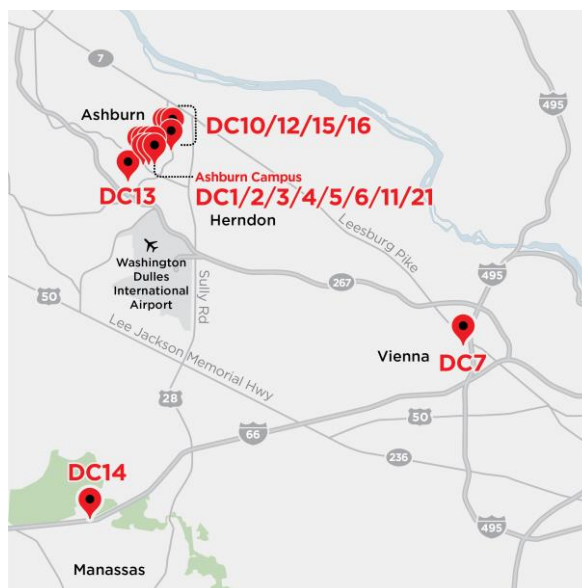
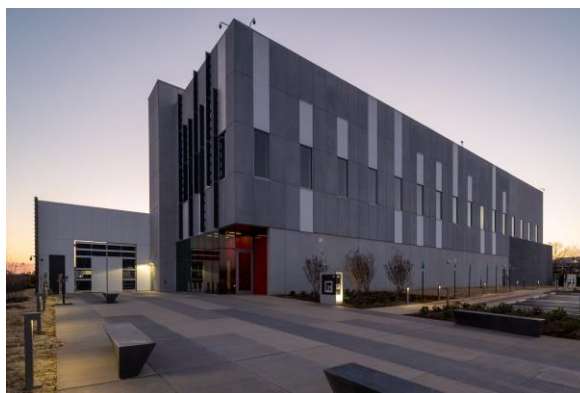
Our D.C. data centers, located in Ashburn, Virginia; Manassas, Virginia and Vienna, Virginia, are strategic communications hubs for the eastern United States. They're also a major communications gateway to Europe and the largest peering point in North America.

Washington, D.C. Data Centers Benefits

- Compliance with key federal regulations and industry standards
- Proximity to high concentrations of IT, telecommunications, biotechnology, federal government and international organizations in the D.C. area. Proven record for growth in colocation, network density and interconnectivity with room for expansion
- Retail and wholesale colocation options provide customers with flexibility in colocation options and cost
- Access to one of the top three peering and exchange markets, including the largest peering exchange on the U.S. East Coast
- Provides connections to key metro areas such as Chicago, New York and London
- Home to one of three GRX peering locations in the world
- Ashburn campus provides connectivity to AWS Direct Connect and Microsoft Azure through Equinix Fabric®

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[Click here](#) to view the metro interconnection map.



Building

Space	
Colocation Space	103,668 ft ² (9,631 m ²)
Building Type	Two story, concrete exterior
Parking	Adjacent to main entrance
Fire Protection	
Fire Suppression	Double-interlock, pre-action
Fire Detection	VESDA tied into the building fire alarm system

Facilities

Power and Cooling	
Cabinet Density	5.0 kVA per cabinet
Power Distribution	240/415V
Utility Feeders	1
UPS Configuration	Block redundant
UPS Redundancy	N+2
Standby Power Configuration	5x 3500 kW diesel generators. Each generator serves one of four power blocks
Standby Power Redundancy	N+1
Cooling Configuration	Air-cooled chiller plant, CRAH units, overhead airflow distribution
Cooling Redundancy	N+2
Security	
Physical	Physical security monitoring and centralized control with the latest systems available. Mantrap entry for pedestrians and good entries. Valid ID and access authority are required
Human	24/7 on-site security
Electronic	Biometric readers, fiber vault, CCTV surveillance with 90-day retention, motion detection

Amenities

- Break Room
- Loaner Tools
- Showers
- Crash Carts
- Work Kiosks
- Wifi
- Conference Room

Products and Services

Data Center

- AC Power Circuits
- Antenna
- Equinix Flex Space
- Private Cages
- Secure Cabinet
- Secure Cabinet Express

Interconnection

- Equinix Fabric®
- Equinix Internet Access
- Equinix Internet Exchange®
- Metro Connect®
- Campus Cross Connects
- Cross Connects
- Fiber Connect

Digital Infrastructure

- Network Edge
- Equinix Metal®
- Equinix Precision Time

Services

- [Smart Hands®](#)
- Equinix Smart View
- Equinix Smart Build

Find the latest product availability on [Equinix Marketplace](#)

Reliability

Our IBX data centers boast an industry-leading, high average uptime track record of >99.9999% globally.

Certification and Sustainability

Certifications

- HECVAT
- HIPAA
- ISO 22301
- ISO 27001
- NIST 800-53/FISMA High
- PCI DSS
- SOC 1 Type II
- SOC 2 Type II

Sustainability

- Renewable Energy Coverage: 100% from RECs from U.S. wind VPPAs and Green-e wind RECs
- Sustainable Tech: EV, GW, HAC, LC, LED Lighting

About Equinix

Equinix (Nasdaq: EQIX) is the world's digital infrastructure company.® Digital leaders harness Equinix's trusted platform to bring together and interconnect foundational infrastructure at software speed. Equinix enables organizations to access all the right places, partners and possibilities to scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value, while supporting their sustainability goals.