SEE INTELLIGENT DATA CENTER DESIGN AT WORK



Turnkey Flagship 2N Data Center

Winston-Salem NC

37MW
Utility Feeds

461,000+ SF

Low Latency
< 4 ms to Ashburn
< 3 ms to Atlanta
< 3 ms to Raleigh

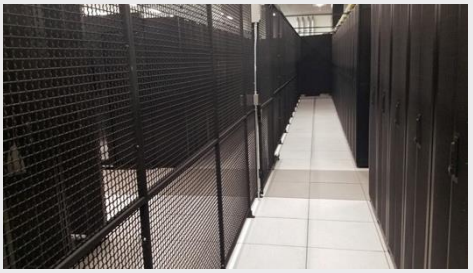
YOUR HOME FOR PERFORMANCE, SCALE & CONNECTIVITY

Carrier-neutral, high density compute data center located in downtown Winston-Salem. Concurrently maintainable, energy efficient, and supports high-power density environments of up to 50+ kW per cabinet.

This Tier III facility offers interconnectivity via high-performing direct backbone connections to Virginia, Atlanta, and I-85 Corridor. Turnkey data center available in phased buildout (cumulative):

4.05 – 6 MW IT Q1 2027 | 9.25 – 12.6 MW IT Q3 2027 | 19 – 22.5 MW IT Q1 2028







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FACILITY

Footprints Available	Cages, cabinets, suites
Floor Type	Antistatic raised floor, 18 - 24”
Loading Dock	Easy access for all size trucks
Roof Rights	Yes, available upon request
Number of Entrance Vaults	2 diverse fiber vaults
Year Built	1984
Year Remodeled	1997 / 2015 / 2026
Number of Floors	5 + 2 (subfloors)
Structure Type	Structural steel, reinforced concrete
Exterior Type	Concrete
Seismic Rating	Zone 2D, Built to 1.5 importance factor
Ceiling Clearance	12’ – 15’
In Flood Plain	No
Smoke, heat and sub-floor detection, remotely monitored	Yes, subfloor leak detection
Wet or Pre-action	Pre-action dry pipe
Extra Floor Space	365,000 square feet of unused, conditioned office/storage space

CONNECTIVITY

Carrier-Neutral Meet Me Room
AT&T, Verizon, Lumen, Segra, Spectrum + additional carriers nearby. Dedicated MMR

PREPLANNED EXPANSION

Steel Structures	Outdoor steel structures under construction for additional MEP infrastructure. Generous extra interior support space available.
Power Expansion	Additional capacity in study by Duke Energy. Expect 2.575 MW of new capacity in Q2 2027, plus 14 MW in Q1 2028, and additional transmission capacity in 2029-2030.

COMPLIANCE

Annual independent compliance audits
HIPAA, SOC 2 Type II

POWER

Power Delivery	Current: 20,641 kW. Expansion plans to 37,216 kW
Electrical infrastructure redundancy, harmonic filters, and remotely monitored	2N UPS and PDU, N+1 Generator, multiple (6) Utility Feeds from diverse Duke Energy substations
Electricity Rates	Duke Energy Average Rate: $0.0724/kWh
Backup Generators	Qty of 12 CAT generators for total capacity of 24.6 MW in N+1. Expandable to 40 MW
Generator Size(s)	1.5, 2.25, and 3 MW
Generator Fuel / Capacity	Diesel / Over 38,700 Gallons
UPS Size(s)	Qty 15 Units Vertiv distributed redundant architecture min size of 675KW
UPS IT Load	9.25 MW IT Load. Expansion plans to 20 MW
Battery Type	VLA & Lithium + Monitoring
Battery Life at Full Load	10 - 15 minutes
Electrical Infrastructure Redundancy	Yes – 2N, Concurrently Maintainable

ENVIRONMENTAL CONTROL

Cooling Capacity	(4) 250-ton & (2) 400-ton Trane air-cooled chillers at N+2 Additional (4) 550-ton liquid-cooled chillers N+1 for high density in-row cooling 65F degrees High Density Compute ready in Phase 2 (Q3 2027)
Cooling Type	Chilled water coil loop available for AI workload
Redundancy	Min N + 2 CRAH, Min N + 1 Pumps, chillers
CRAH	30+ Units 20- & 30-Tons N+2 Per Floor
Humidification	Ultrasonic

SECURITY

CCTV	Yes IP Cameras
NVR Recorded	Minimum retention of 180 days onsite + offsite backup
Intrusion Detection	Yes
On-site Guards	24/7/365
Card Access	HID proximity card readers and biometrics
Access Control	Biometric and card reader

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