

Data Center/Colocation Specifications

Facility Specifications

- o Built in 2012, premium data center office and colocation space totaling 12,500 sq. ft.
- o Data Center/Colocation floor space 5,000 sq. ft.
- o Redundant N+1 power and cooling services specifically optimized for high-density deployments
- o Multiple provider availability offering access to Tier 1 internet service
- o Diverse fiber infrastructure available
- o Customizable floor space to accommodate connectivity designs

Building Access and Security

- o 24x7 escorted on-site entry
- o Alarm system with secure video surveillance throughout the facility
- o Multi-level access authorization with Card control and biometric verification level access

Power Generation

- o Redundant diesel generators
- o Significant fuel supply availability to ensure continuous operation in the event of a long term utility power failure

Cooling

- o Chiller (Glycol) system with high efficiency air handler for efficient year round energy savings
- o N+1 redundancy
- o Zone setups designed for future 40 to 100 Gigabit connection speeds
- o Hot-aisle and cold-aisle configurations with optional air containment solutions to increase efficiency and density while maintaining strict cooling standards

Electrical Power Infrastructure

- o Phase 1a (Complete)
- o 500Kw Diesel generator(s) (N+1)
- o 225kVA UPS
- o 51 tons (N+1) Cooling Data Center
- o 180kW (IT Loads) Data Center
- o 3 tons (N) Cooling Electrical Room
- o 6 tons (N+1) Cooling Cross-Connect room
- o 20kW (IT Loads) Cross-Connect Room
- o Power Utilization Efficiency (PUE) 1.27
- o Phase 1b
- o 750kVA UPS (N+1)
- o 171 tons (N+1) Cooling Data Center
- o 600kW (IT Loads) Data Center
- o 9 tons (N) Cooling Electrical Room
- o 11 tons (N+1) Cooling Cross-Connect room
- o 40kW (IT Loads) Cross-Connect Room
- o Power Utilization Efficiency (PUE) 1.29
- o Phase 2
- o 500kVA UPS (N+1) Electrical room
- o 1,100kVA UPS (N+1) UPS Room
- o 540 tons (N+1) Cooling Data Center
- o 1,480kW (IT Loads) Data Center
- o 9 tons (N) Cooling Electrical Room
- o 12 tons (N) Cooling UPS Room
- o Power Utilization Efficiency (PUE) 1.14
- o Up to 3 MW of on-site power available at full build
- o Redundant UPS infrastructure to prevent loss of critical power
- o Overhead power distribution prevents interference with network infrastructure
- o Offered capability of 12 KW per rack at full build

Network Connectivity

- o Internet bandwidth active over multiple providers
- o Dedicated redundant fiber connectivity to carrier hotel



Telecommunications

- o Carrier-rich facility that can reach: LS Networks, Charter Business, Level3, CenturyLink, Douglas Fastnet

System Monitoring

- o Designed for State-of-the-art monitoring, providing real-time feedback on building cooling, heating, and customer links as requested
- o Enabling easy system management and instant identification of problems with systems
- o Monitoring includes power, cooling, leak detection, and network and systems infrastructure needs

Fire Detection and Suppression

- o Off-site alarm monitoring and fire department dispatch
- o Multi-zoned Pre-detection air sensors
- o Pre-action dry pipe fire suppression systems that only fill with water in the event that two or more sensors are triggered in the same zone
- o Only discharges in area where the temperature or flame triggers fire sprinkler head

FOR MORE INFORMATION, PLEASE EMAIL SALES@UMPQUATG.COM OR CALL (541) 492-5277