



# GNC IX DATA CENTER

Piti, Guam

The GNC iX Data Center, located in Piti, Guam, is a purpose-built data center and cable landing station. The GNC iX facility offers 2 MW of power capacity across 11,800 square feet. The strategic location of the GNC data center enables submarine cable access to global population centers through terrestrial fiber connections to each of the five (5) cable landing stations on Guam. Additionally, it provides connectivity to 12 countries via a single cable system. This state-of-the-art facility caters to the needs of local and global enterprises, government agencies, and network service providers in the United States and the Asia Pacific region and has quickly become a prominent network hub, supporting a diverse ecosystem comprising enterprises, IT, content and media services, financial and network services.

## GNC at a Glance

- Designed to Tier 3 data center compliance standards
- Manned 7x24x365 by NOC team for mission critical support and full-time on-site security
- Carrier-neutral 2MW facility
- Fully redundant power infrastructure design
- Meets or exceeds ratings for seismic and weather-related benchmarks
- Reinforced concrete structure engineered to withstand extreme geological and weather events:
- 22 feet from location high-water mark
- Land space 20,000+ SQFT



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# GNC IX DATA CENTER - TECHNICAL OVERVIEW

## Building

- Reinforced concrete structure engineered to withstand extreme geological and weather events
- Seismic Zone 4 compliance (Guam is in Zone 3)
- Category 5 Typhoon rated activity (190 mph)
- Securely located 22 feet from location high-water mark to withstand tsunami and floods

## Data Hall Features

- Building floor space - 11,800 square feet
  - Data Hall Total – 7,000 Square feet (includes HVAC, AC/DC, IT Space)
  - IT Space - 3,500+ Square feet
- Floor Structure – Vinyl composite tile on reinforced concrete slab
- Ceiling Height – 14 feet at minimum

## Power Specifications

- 120V 1P, 208V 1P or 3P, and 48DC power solutions available
- Fully redundant power infrastructure design
  - 2N UPS redundancy
  - N+1 diesel backup generators
  - N+1 cooling redundancy diesel generators

## Fire Protection

- Fire Suppression and Control
- Dry-pipe fire sprinkler system with multiple interlocks

## Security & Compliance

- Designed to Tier 3 data center compliance standards
- Manned 24/7/365 NOC Team for mission-critical support
- Mantraps and strictly enforced protocols for facility access controls
- Video surveillance

## Connectivity

- Carrier Neutral
- Speeds of up to 100Gbps available
- Buried fiber and copper facility
- Diverse underground and protected cable routes and pathways
- Access to carriers, other data centers, subsea cables, and low latency connections to service providers

## Data Center Services

### Colocation

- Cabinets, Secure Cage/Private Suites
- Customized cage and private suite solutions available

### Deployment

- Specialized support to help you install or migrate your IT environments.

### Remote Smart Hands

- Highly trained and experienced technicians available 24x7

### Interconnections

- Cross connections to all submarine cable operators and Guam-based telcos
- IP Bandwidth
- IP Transit
- Wavelength and Ethernet backhaul from 2 Mbps to 100 Gbps
- IP peering



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