ALUPANG DATA CENTER

Tamuning, Guam

Ready for equipment in Q1 2025, Alupang will be a world-class designed and engineered Data Center and Cable Landing Station in Tamuning, Guam. This state-of-the-art facility will offer over 31,000 square feet of floor space built to Tier III standards and 4 MW of power capacity. Upon completion, Alupang will be able to receive new undersea fiber cables, providing even more connectivity on and through Guam to meet the growing demands of local and global enterprises, government, and network service providers in the Asia Pacific region.

Alupang at a Glance

- Designed to Tier 3 data center compliance standards

- Manned 7x24x365 by NOC team for mission critical support and full-time security on site

- Carrier-neutral 4 MW 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

- Colocation space located on second floor, increasing security and environmental protection

Visit us at
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Email us at
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gta Business

ALUPANG 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)
- Facility able to withstand 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 - 35,000+ Square Feet
- Data Hall Total - 12,000+ Square Feet (includes HVAC, AC/DC, IT Space)
- IT Space – 11,000+ Square Feet
- Floor Structure - Vinyl composite tile on reinforced slab
- Ceiling Height – 14 feet at minimum

Power Specifications

- 4MW total power capacity
- 120V 1P, 208V 3P, and 48DC power solutions available
- Fully redundant power infrastructure design
  - 2N UPS redundancy
  - N+1 diesel backup generators
  - N+1 cooling redundancy
- Fuel tanks for 5 days at full DC capacity

Fire Protection

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

Security & Compliance

- Designed to Tier 3 data center compliance standards
- Meets or exceeds ratings for seismic and weather-related benchmarks
- Manned 24/7/365 NOC Team for mission critical support and on-site security
- Mantraps and strictly enforced protocols for facility access controls
- Inside and outside video surveillance

Connectivity

- Carrier Neutral
- Buried fiber and copper facility
- Speeds up to 100 Gbps
- 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 secure 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