



CapitaLand DC Navi Mumbai 1

108 MW

CapitaLand Data Centre Navi Mumbai 1 is within close proximity to India's business and financial hub and the regional location for major hyperscalers.

With over 10 cable landing stations in Mumbai, CLINT's carrier-neutral facility will be able to serve our customers' demand for low latency connectivity.

The facility's unique high floor loading capacity will be able to support highly dense racks together with the required high rack power capacity and cooling. Customers will also have the flexibility to deploy on hard or raised floor.

We have adopted sustainable design principles and green building standards with the aim to achieve LEED Gold certification. The data centre will include features such as high efficiency chillers and water economization, intelligent energy and infrastructure management and solar panels.

Location	<ul style="list-style-type: none"> Airoli, Navi Mumbai, India
Facility	<ul style="list-style-type: none"> 2 data centre buildings 108 MW power capacity In premise substation - 220 kV GIS 24 data halls
Data Halls	<ul style="list-style-type: none"> IT power capacity per data hall - 2.5 MW and 2.7 MW DC Hall floor loading – 2,000 kg / sq mt Slab-to-slab height - 7.3 metres Rack height - up to 52U Rack capacity - 10,000 nos. Option for hard or raised floor of up to 1.0 meter Dedicated clean earth for IT racks
Security and Monitoring	<ul style="list-style-type: none"> 3 meter perimeter walls Min. 7-layers security system 24/7 Onsite security personnel CCTV surveillance with intrusion detection Min. 60 days of recorded footage 24/7 NOC monitoring for critical IT infrastructure
IT Power Capacity	<ul style="list-style-type: none"> N+N redundant UPS for IT load with 8 minutes EOL battery backup at full load per UPS Dual power distribution with option for single or 3 phase power source per rack as per requirement
Cooling	<ul style="list-style-type: none"> N+4 redundant air-cooled chillers N+2 redundant CRAC units per data hall Dedicated UPS system for CRACs and chiller pumps 7 minutes backup for thermal runaway at full load Option for hot/cold aisle containment Option for liquid cooling
Utility Power and Generators	<ul style="list-style-type: none"> N+1 power backup with dual sync panel Fuel backup - up to 48 hours on site
Connectivity	<ul style="list-style-type: none"> Carrier neutral 4 diversified fiber entry points and routes 2 MMR per DC floor 2 dedicated data shafts
Fire Protection	<ul style="list-style-type: none"> Inergen gas-based fire suppression system in all data halls and technical support rooms UL listed intelligent multi-sensor detectors and addressable fire alarm panels VESDA at data halls and technical support rooms
Logistics	<ul style="list-style-type: none"> 2 x 4 tons service elevators along with scissor lifts at dedicated loading bay Full rack height for elevators, doors and corridors Secure loading bays Shared and dedicated staging and storage Shared seating, dedicated office space and meeting rooms