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	• Airoli, Navi Mumbai, India
Facility	• 2 data centre buildings • 108 MW power capacity • In premise substation - 220 kV GIS • 24 data halls
Data Halls	• 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	• 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	• 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	• 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	• N+1 power backup with dual sync panel • Fuel backup - up to 48 hours on site
Connectivity	• Carrier neutral • 4 diversified fiber entry points and routes • 2 MMR per DC floor • 2 dedicated data shafts
Fire Protection	• 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	• 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

CapitaLand DC ITPH, Hyderabad

40 MW

CapitaLand Data Centre Hyderabad 1 is under development at CLINT's International Tech Park Hyderabad (ITPH) located at Madhapur. It will incorporate the latest technologies in cooling and security and a dedicated gas insulated substation within the site. Its technologically advanced specifications will allow it to serve hyperscale players and large enterprises in the region.

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.

CLINT owns and manages three business parks in Hyderabad – ITPH, CyberPearl and aVance – spread over 19.5 acres and catering to close to 70 global organisations and over 30,000 professionals.

Category	Details
Location	• Madhapur, Hyderabad, India
Facility	• 1 data centre building • 40 MW power capacity • 11 data halls
Data Halls	• IT power capacity per data hall – 0.5 MW, 4.0MW and 4.4MW • DC Hall floor loading – 2,000 kg / sq mt • Slab-to-slab height - 7.2 metres • Rack height - up to 52U • Rack capacity - 4,200 nos. • Raised floor of up to 1.0 metre • Dedicated clean earth for IT racks
Security and Monitoring	• 2.5 metres 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 critical infrastructure
IT Power Capacity	• 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	• N+3 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	• N+1 power backup with dual sync panel • Fuel backup - up to 32 hours on site
Connectivity	• Carrier neutral • 4 diversified fiber entry points and routes • 2 MMR per DC floor • 2 dedicated data shafts
Fire Protection	• 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	• 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

CapitaLand DC Chennai

54 MW

CapitaLand Data Centre Chennai 1, is under development on a 4 acres site in Ambattur, Chennai. The site is in close proximity to cable landing stations. The location has reliable power supply and well-developed infrastructure.

CLINT's data centre will have a power capacity of 54 MW to host customers such as global technology giants, cloud service providers and large domestic enterprise clients.

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	• Ambattur, Chennai, India
Facility	• 1 data centre building • 54 MW of power capacity • 12 data halls
Data Halls	• IT power capacity per data hall – 2.75MW and 3.0MW • DC Hall floor loading – 2,000 kg / sq mt • Slab-to-slab height - 7.3 metres • Rack height - up to 52U • Rack capacity - 5,700 nos. • Option for hard or raised floor of up to 1.0 metre • Dedicated clean earth for IT racks
Security and Monitoring	• 3 metres 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 critical infrastructure
IT Power Capacity	• 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	• 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	• N+1 power backup with dual sync panel • Fuel backup - up to 48 hours on site
Connectivity	• Carrier neutral • 4 diversified fiber entry points and routes • 2 MMR per DC floor • 2 dedicated data shafts
Fire Protection	• 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	• 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

CapitaLand DC ITPB, Bangalore

42 MW

CapitaLand Data Centre Bangalore 1 will be situated within International Tech Park Bangalore (ITPB) located in Whitefield, Bangalore.

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.

ITPB is one of the first integrated IT parks in India spread over 69 acres with several multinational corporations as its tenants.

Category	Details
Location	• Whitefield, Bangalore, India
Facility	• 1 data centre building • 42 MW power capacity • 12 data halls
Data Halls	• IT power capacity per data hall - 2.0MW and 2.5MW • DC Hall floor loading – 2,000 kg / sq mt • Slab-to-slab height - 7.3 metres • Rack height - up to 52U • Rack capacity - 4,500 nos. • Option for hard or raised floor of up to 1.0 metre • Dedicated clean earth for IT racks
Security and Monitoring	• 3 metres 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 critical infrastructure
IT Power Capacity	• 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	• N+2 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	• N+1 power backup with dual sync panel • Fuel backup - up to 48 hours on site
Connectivity	• Carrier neutral • 4 diversified fiber entry points and routes • 2 MMR per DC floor • 2 dedicated data shafts
Fire Protection	• 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	• 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