

YOTTA COLOCATION SERVICES

Yotta builds and operates India's largest data center parks and facilities in strategic locations throughout India. Our inaugural facility, Yotta NM1, part of a 600 MW DC Park at Navi Mumbai, stands as the sole Uptime Institute Tier IV Gold Operations certified data center in India while Yotta D1, part of a 250 MW DC Park at Greater Noida in NCS region is North India's largest hyperscale data center. Our two industry acquired Data Centre TB1 and TB2 at Navi Mumbai operate at 100% uptime on full capacities. Yotta G1 now joins this incredible family as a Supercloud Data Center located inside GIFT City in Gandhinagar Gujarat.



FEED YOUR POTENTIAL

INTRODUCING YOTTA G1: A SUPERSCALE CLOUD DATA CENTER FOR GUJARAT'S DIGITAL DREAMS

Embark on a journey into the future of the cloud with Yotta G1, our pioneering data center strategically located in the heart of India's premier financial hub, GIFT City in Gandhinagar, Gujarat. Nestled within India's first International Financial Services Centre (IFSC) zone, Yotta G1 is a symbol of innovation in the digital era, poised to revolutionize your business landscape.

G1 brings to Gujarat Yotta's game changing cloud platforms such as Yntraa, our indigenously developed hyperscale cloud, & Shakti Cloud, India's largest & fastest AI-HPC supercomputer. Boasting top-tier security, high-performance infrastructure, unparalleled connectivity, and a commitment to sustainability, Yotta G1 stands as a testament to innovation and excellence in the digital age.




Built up Area
21,000 sq. ft


Racks
350


Total Power
2 MW scalable


Design PUE
<1.6

HIGHLY RESILIENT FACILITY INFRASTRUCTURE:

- ◆ **Electrical Supply:** Redundant 33 KV feeders from two separate substations
- ◆ **Backup Power System:** N+1 2250 KVA Diesel Generators with 24 hours fuel on full load
- ◆ **Transformers:** N+1 2250 KVA, 33kv, Dry Type (2 Nos.) N+N UPS Supply to racks, Li-Ion Battery backup for full load
- ◆ **Cooling:** Chilled water District Cooling backed up by DX-type Precision Air Conditioners (PAC)
- ◆ **Fire Fighting:** Novec 1230 & CO2 gas based extinguishers
- ◆ **24*7 Operations:** Tech Engineers, Physical Security and Customer Service

UNPARALLELED CONNECTIVITY:

Experience unmatched connectivity with redundant fiber and copper cross-connects. Two dedicated 24-core fiber optic cables directly connect to redundant Meet Me Rooms at Yotta G1 from the GIFT MMR, forming a robust backbone for telecom and data services. The Facility is Carrier Neutral with multiple Telecom operators. The facility offer High speed Internet, peering with global and local exchanges, enterprise MPLS networks and direct cloud-connect networking to all major hyperscale cloud operators

KEY REASONS TO CONSIDER YOTTA G1 DATA CENTER



STRATEGIC LOCATION

Strategically located in IFSC zone of Gift City; while serving needs of customers located within Gift City or anywhere in the world. GIFT City offers a unique business destination with world-class infrastructure, favorable tax benefits, streamlined business approvals through a single window clearance system, and easy access to global markets by air and road. This combination of factors makes GIFT City an attractive and advantageous location for both global and domestic enterprises located in Gift city



DATA EMBASSY

For the large foreign companies operating in Gift City IFSC zone, G1 data centre comes across as a potential data embassy, whereby their data stored in G1 data centre is subject to laws and regulations of their home country thus allowing them to maintain sovereignty over their data, even when it's stored in a foreign nation.



EFFORTLESS INTEGRATION WITH MANAGED IT SERVICES

True to Yotta's stature as the end-to-end digital transformation partner of choice for enterprises, G1 brings forth a suite of key features, ranging from advanced data security and customized business solutions to an indigenous hyperscale cloud offering, AI-GPU compute offering, state-of-the-art infrastructure, cybersecurity expertise, seamless integration with managed IT services, 24/7 customer support, cost optimization, and an overall competitive edge.



THE IFSC ADVANTAGE

Yotta G1 ensures compliance with the International Financial Services Centre (IFSC) regulations, providing businesses with distinct advantages like Free foreign exchange convertibility and liberalised regulatory environment and business-friendly policies.



ENHANCED DATA SAFETY AND SECURITY

Yotta G1 offers fault tolerant facility infrastructure, high-performance cloud compute and storage infrastructure, advanced physical and cyber security, unmatched connectivity to outside world, and steadfast sustainability to ensure safe and secure digital operations for our customers



COST OPTIMISATION & COMPETITIVE EDGE

Yotta G1 empowers businesses with cost optimisation strategies, providing a competitive edge in the digital landscape.



EXCEPTIONAL CUSTOMER SUPPORT

Yotta places a strong emphasis on dedicated support, offering 24/7 customer assistance to address any inquiries or concerns promptly.

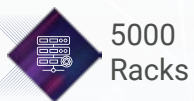
YOTTA GREATER NOIDA DC PARK



Located in Knowledge Park-5 in Greater Noida, Yotta's Greater Noida DC Park is a strategically located hyperscale data center park that spans over 20 acres. It is in close proximity to Delhi & is only a 10-minute drive from Noida & Ghaziabad, 49 kms away from the IGI Airport in Delhi, & 7 kms from the Maripat railway station. We are in process to expand the DC park to 6 buildings with a capacity of 30,000 racks & 250 MW.

YOTTA D1

Situated at North India's first hyperscale data center park - Yotta Greater Noida Data Center Campus, Yotta D1 brings our signature performance, world-class infrastructure, and connectivity closer to your business. Strategically located around major innovation clusters, Yotta D1 data center is part of a network of interconnected colocation facilities across India.



5000
Racks



300,000
sq. ft. (Area)



40MW
IT Power



1.4 Design
PUE

POWER SUPPLY & BACKUP

- ◆ Dual active 220 KV express feeders
- ◆ Transformer (2.25 MVA, 11KV/400V) coupled to an equal capacity generator (2.25 MVA, 11KV) with N+2 Redundancy
- ◆ 30 diesel generator sets of 2.25MW with N+2 Redundancy
- ◆ 48-hour power backup on full load

NETWORK & CONNECTIVITY

- ◆ Carrier neutral data center
- ◆ Redundant fiber riser conduits
- ◆ ISP & NLD Services

COOLING & VENTILATION

- ◆ 23 Chillers with N+2 configuration & capacity of 540 tonnes each
- ◆ Chillers equipped with adiabatic & free cooling technology
- ◆ N+2 PAHUs

- ◆ Availability of all major telcos
- ◆ 10G / 100G options

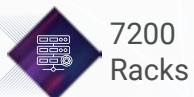
YOTTA NAVI MUMBAI DATA CENTER PARKS



Comprising five distinct data center parks in Panvel, Navi Mumbai is fertile ground for incredible developments in technology & innovation. Yotta's DC presence in Navi Mumbai represents a total of 17 planned buildings, 1.02 lakh racks, & over 600MW power outlay – out of which DC Park 1 – with its planned 30,000 racks, 5 buildings & 180MW power capacity is home to NM1, our flagship data center.

YOTTA NM1

Yotta NM1 offers enterprises unmatched performance, fault-tolerance, uptime and cost efficiency & is India's only multi-tenant Tier IV data center that is certified with Uptime Institute's Gold Tier Certification of Operational Sustainability (TCOS).



7200
Racks



8.2 lakh
sq. ft. (Area)



46MW
IT Power



1.4 Design
PUE

POWER SUPPLY & BACKUP

- ◆ Redundant feeds from 2 substations to redundant 110/33 KV Tata substation at DC park
- ◆ Power feeding capability via 33kV feeders and 33/11 kV substation to Yotta DC premises with redundant feed
- ◆ N+1 redundancy with 32 DGs of 2.25 MVA capacity
- ◆ DG Fuel Tank - 48 Hours Back Up at full load capacity

COOLING & VENTILATION

- ◆ 34 Chillers with N+2 redundancy
- ◆ 12 thermal storage tanks with 35 Cu. Mtr capacity & 5 mins backup at full load
- ◆ Secondary Pumps with N : N and PAHU with N+1 redundancy

NETWORK & CONNECTIVITY

- ◆ Carrier Neutral DC
- ◆ Redundant Fiber Riser Conduits
- ◆ ISP & NLD Services
- ◆ Availability of all major telcos
- ◆ 10G / 100G options

COLOCATION SERVICES FOR EVERY NEED

MULTI-TENANT COLOCATION

Yotta multi-tenant colocation services offer state-of-the-art data center facilities with highly scalable, reliable and secure physical space with power, necessary cooling, effective fire detection and fire suppression systems, environmental controls, engineering redundancy and efficiency at the most affordable prices.



Rack Space

Dedicated rack space with customised power, offering capacities of 42U/45U/48U/52U along with Unit (1U, 2U and more) based space.



Dedicated Server Hall/Suite

A data center within a data center with complete control, we offer exclusive suites or rooms to house your servers and IT equipment.



Server Rack Cage

Customised rack cages are configured for your requirements, ensuring adherence to security frameworks and compliance.



Dedicated Server Floor Space

With a dedicated floor space, get full customisation and control on security, cabling, and power.

HIGH-EFFICIENCY COLOCATION POWER

With our captive power distribution capabilities and infrastructure, Yotta offers the lowest power charges for your colocation needs. Our colocation spaces with high power efficiency significantly reduce the total operating cost.

- ♦ Redundant AC/DC supply mode in single or three phase.
- ♦ On-demand availability and consumption based on IT load requirements.
- ♦ 48-hour full-load power backup with Li-ion UPSes and diesel generators.
- ♦ More than 35% of the power used by our Data centres is green power sourced from a mix of solar, wind and hydro generators. We can supply 100% green power to our customers to meet their green obligations.

COLOCATION SUPPORT SERVICES

Yotta offers a full suite of value-added support services to meet our customers' connectivity, security, custom fit-outs, material handling, seating space, and other technology needs



Office Seating Space



Secured Store Facility



Structured Cabling



Flex Recovery Work Area



Dedicated Access Control Service



Dedicated Surveillance Service



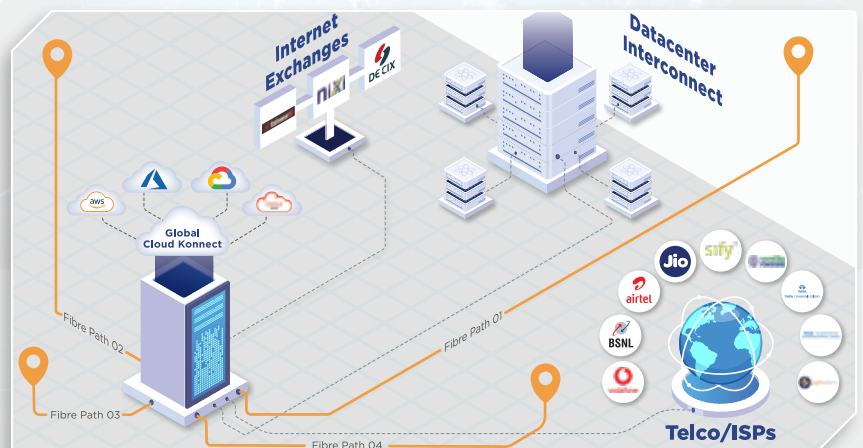
BMS Access Service



Fitout Service

DENSE NETWORK CONNECTIVITY

When businesses colocate at Yotta, they are assured of seamless, simplified, redundant and high-performance connectivity to their hybrid IT environment with access to a host of Internet Service Providers, Cloud Service Providers, Internet Exchanges, Content Delivery Networks and Telcos.





DEDICATED BUILDING COLOCATION

We have built India's world-class data centers; and we can build the same for you. Yotta Build-to-Suit is a turnkey solution that enables your hyper-growth strategy, giving complete autonomy and control of your own data center, minus the major CapEx.



DC Business Planning



Land Selection, Acquisition & Approvals



DC Design & Building Construction



DC Engineering



Tendering & Vendor Selection



Project Management & Execution Service



Testing & Commissioning Service



Certification and O&M

CERTIFICATIONS

Compliance with the highest global standards and best practices, ensuring world-class operations and service delivery to customers.



MEITY
EMPANELLED
VPC & GCC



RBI
CERTIFICATE
CYBER
SECURITY



RBI
CERTIFICATE
DATA
LOCALISATION

ISO/IEC
27017:2015
CLOUD 732167

PCI
PCI DSS 3.2.1
AIS 732033

ISO/IEC
27018: 2019
PII 732157

ISO/IEC
27001:2013
IS 730449

ISO/IEC
27701: 2019
PIM

ISO/IEC
14001:2015
EMS

ISO/IEC
9001:2015
FS 731404

ISO/IEC
45001: 2018
OHS

ISO/IEC
20000-1:2018
ITMS 732160

ISO/IEC
22301:2019
BCMS 792037



SOC 3
CERTIFIED



SOC 2
TYPE II
CERTIFIED



TRUSTED
PARTNER
NETWORK



OPEN IX
DC OIX-2



SAP® Certified

in SAP S/4HANA® Solutions Operations
in SAP Business Suite Solutions Operations
in Hosting Operations
in SAP HANA® Operations
in Cloud and Infrastructure Operations



For more information, please visit - www.yotta.com
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POTENTIAL