



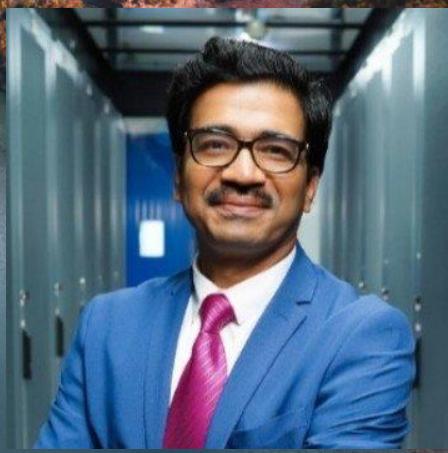
From The Ganges, To The Globe



An AI Platform From India
For India & The World



Sunil Gupta
Co-founder, MD & CEO at Yotta



AI for India

Potentially, the Largest AI
Market of the World

India: Digital-First & Growing



2125 billion

minutes spent on internet



1.3 billion

Aadhaar (Unique Identification) cards issued



\$63 billion

e-commerce transactions



482 million unique

social media users



100 billion

real-time payments transactions, universally accepted in 7 countries



900+ Million internet users in India

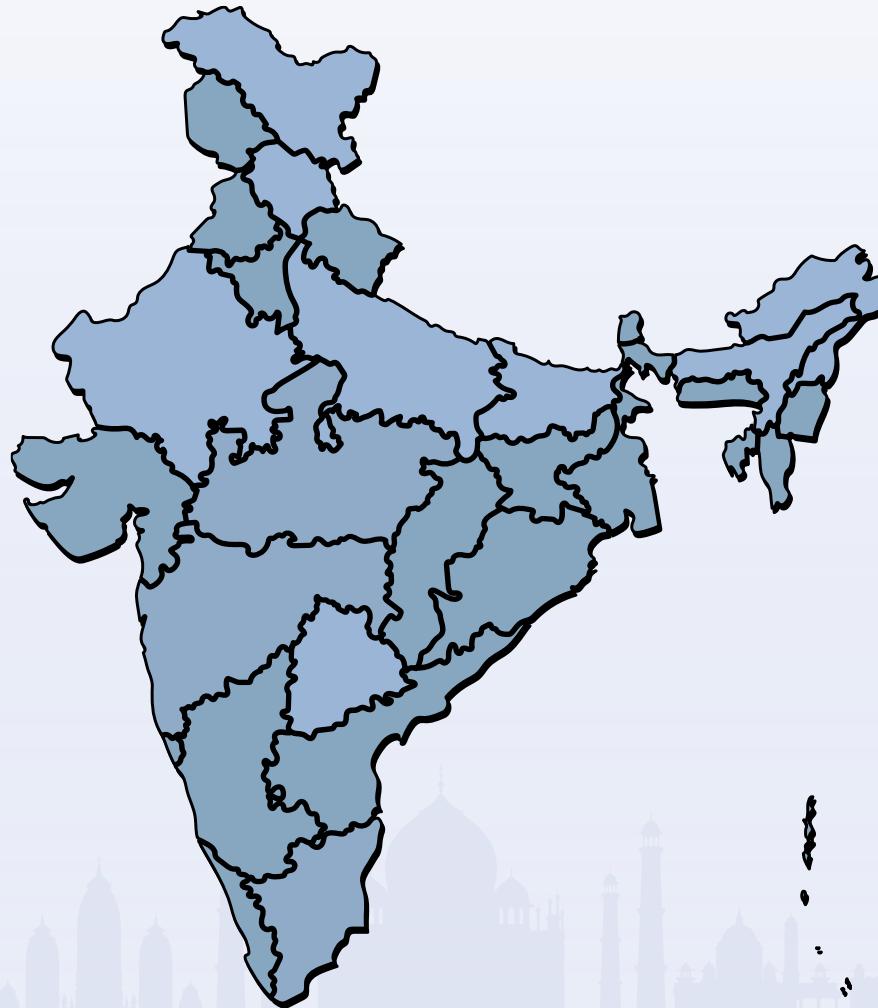


600+ million

No. of smartphone users



Data traffic grew **3X** between 2018-2022, in India



India: Potentially, the World's Largest AI Market

- AI market growing at 25-35% CAGR
- To reach \$17 billion by 2027
- AI-ML top priority in IT budgets for Indian enterprises in 2023

Growth Drivers

Booming Digital Economy

E-commerce, fintech, edtech, and other sectors are propelling adoption of cloud technologies.

Talent Pool

India boasts a significant portion of the global AI engineering and development workforce, contributing to growth in AI technologies.

Massive Data

The large population is generating vast amounts of data, leading to diverse use cases and robust training models.



AI Platform from India, for the World

Becoming the AI Garage of the World



India: The Future Hub For Global AI Development



India alone contributes to
11% of the Global IT
services & software market



The Indian IT sector
employs over 5 million
skilled professionals



At 420,000, India has the
2nd largest number of AI
professionals in the
world



India has 3X more people
skilled in AI than any
other country



Global DC hub, 1.7 GW
capacity with over \$5
billion in investment &
40% CAGR

Thanks to the massive number of skilled AI professionals, all India needs is world-class infrastructure capable of powering AI development.



Launching

Shakti
CLOUD



Yotta & NVIDIA Join Hands To Power India's AI Future



- 01
- 02
- 03
- 04

Prime Minister Of India Shri Narendra Modi and NVIDIA CEO Jensen Huang discuss India's AI potential. Jensen assured complete support for developing a robust AI ecosystem in India.

NVIDIA seeks an Indian company with:

- World-class highly scalable data center infrastructure
- Enterprise IT services expertise besides Hosting capabilities
- Track record in handling customer workloads on GPU as a Service
- India ambitions and Global ambitions

Yotta orders GPUs, NVIDIA Quantum-2 InfiniBand, NVPS, NVIDIA AI Enterprise, announces Shakti Cloud, powered by NVIDIA GPUs.

Yotta becomes the first NVIDIA NCP Elite Partner from India.





India's largest & fastest AI- HPC supercomputer,
delivering cutting-edge GPU computing infrastructure,
platforms & services.

- 16 Exaflops of AI compute capacity with 16,384 NVIDIA H100 Tensor Core GPUs
- NVIDIA L40S GPUs for simulation & digital twin workloads
- NVIDIA Reference Architecture
- NVIDIA Quantum-2 InfiniBand
- High-Performance Low Latency parallel processing NVMe storage as well as SSD object storage and long-term archival storage
- Elaborate Software Suit, with IaaS, PaaS and SaaS services through a Self-Service Portal.

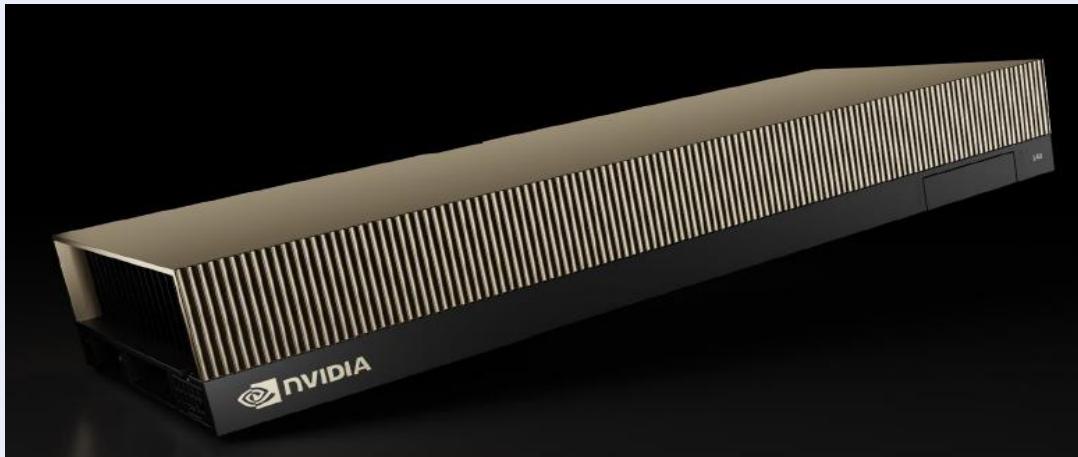
Shakti Cloud GPUs

At its core, Shakti Cloud harnesses the power of 16,384 NVIDIA H100 GPUs and 000's of NVIDIA L40S GPUs.



NVIDIA HGX 8* H100 Node

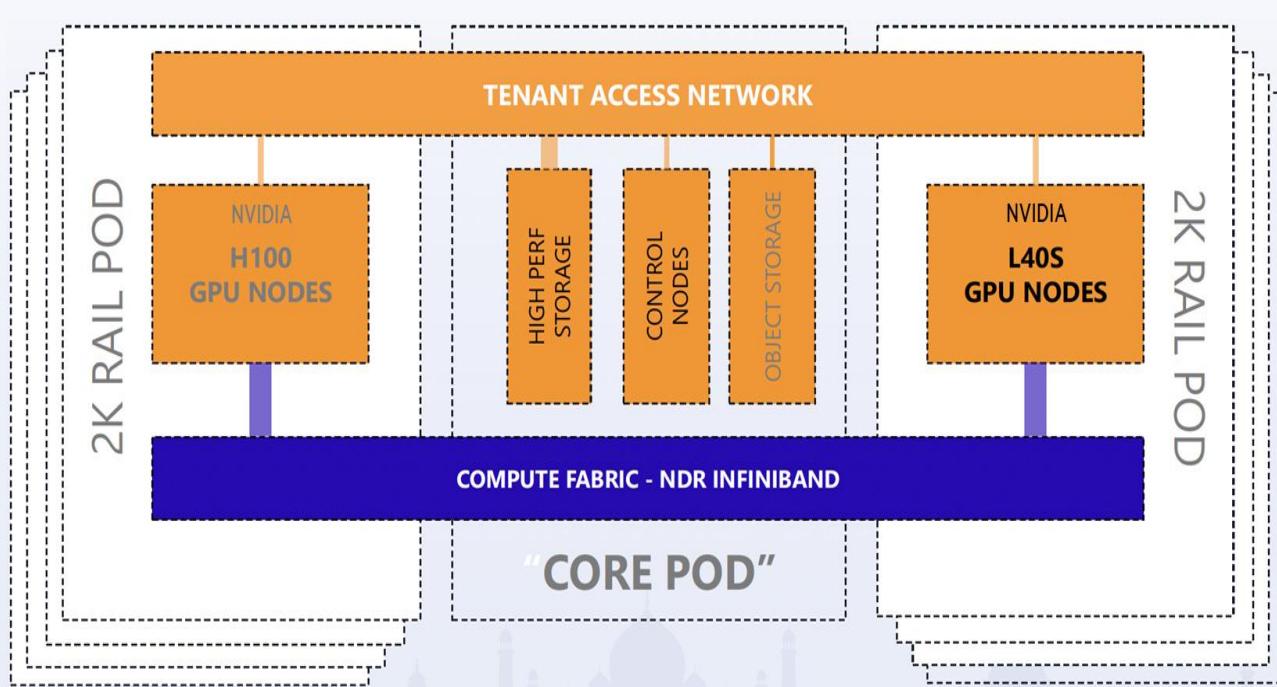
- Highest Performance for AI and HPC
- 8-way H100 GPUs with 32 PetaFLOPs FP8
- 3.6 TFLOPs FP16 in-network SHARP Compute
- 4th Gen NVLink with 3X faster All-Reduce communications
- First HGX System with Confidential Computing



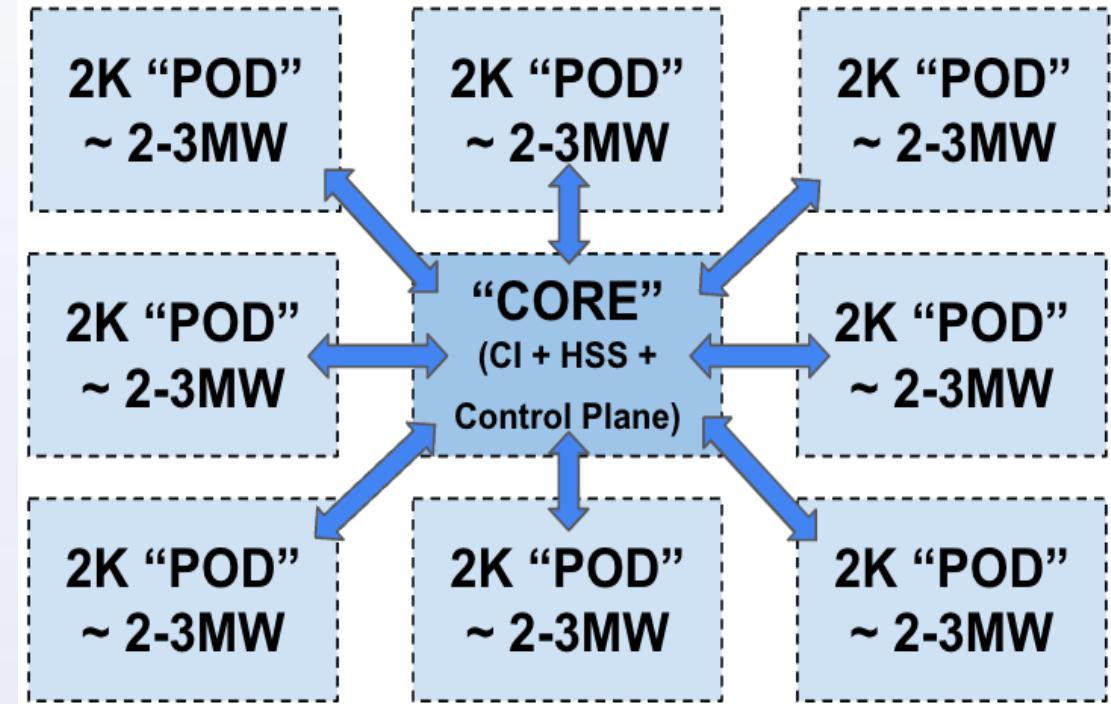
NVIDIA 4*L40S Node

- Combines AI compute with top-tier graphics and media acceleration
- Drives the next generation of data center workloads, spanning generative AI, LLM inference and training, 3D graphics, rendering, and video applications.

Built Completely On NVIDIA Reference Architecture



PODs of 2048 NVIDIA H100 GPUs + NVIDIA Quantum-2 InfiniBand

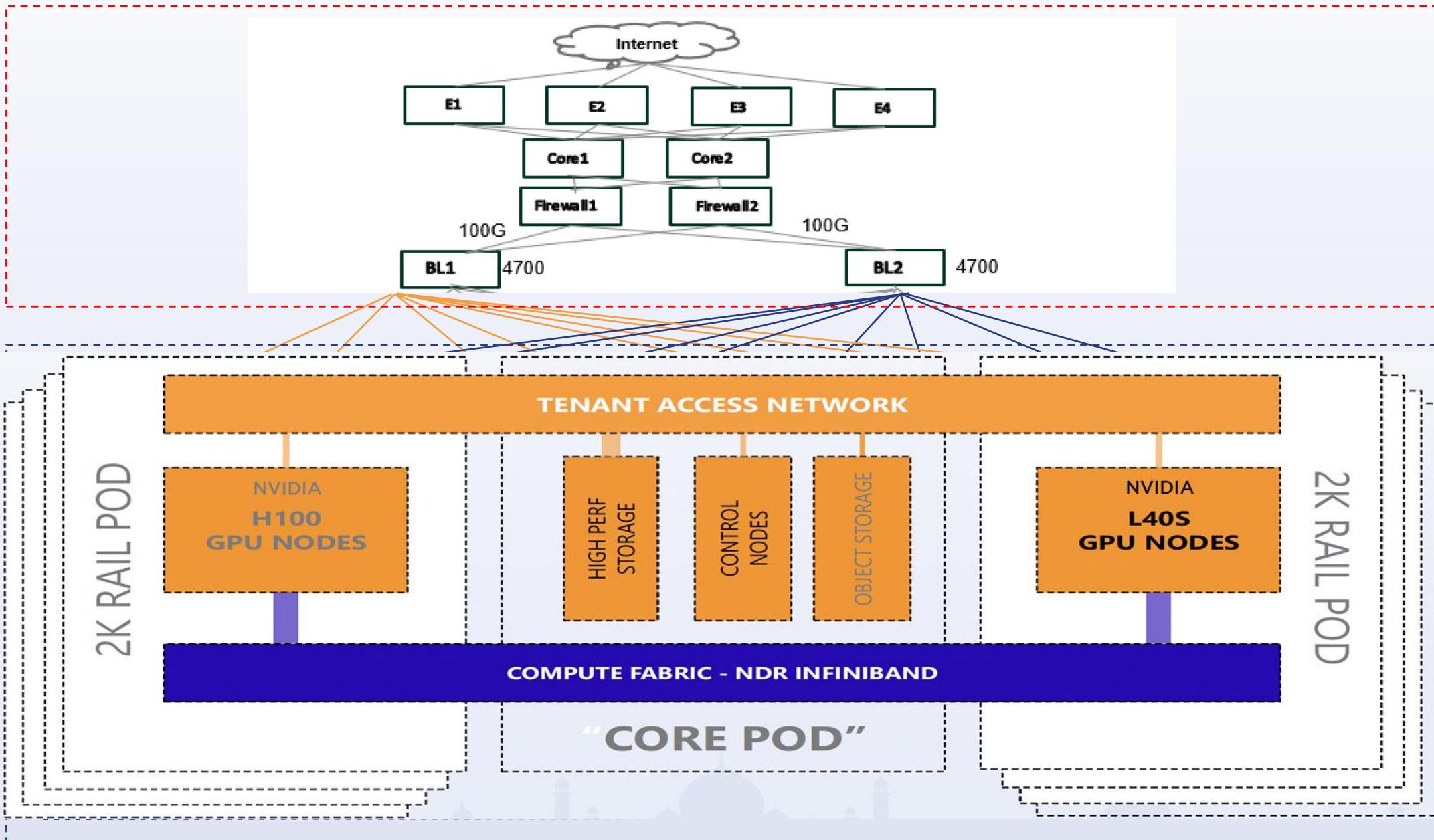


Super PODs of 16384 NVIDIA H100 GPUs (8 PODs)

Supported By Strong Perimeter Layer For Secure Internet & Private Connectivity

Perimeter Secure Network

Core GPU Clusters with NVIDIA Quantum-2 InfiniBand



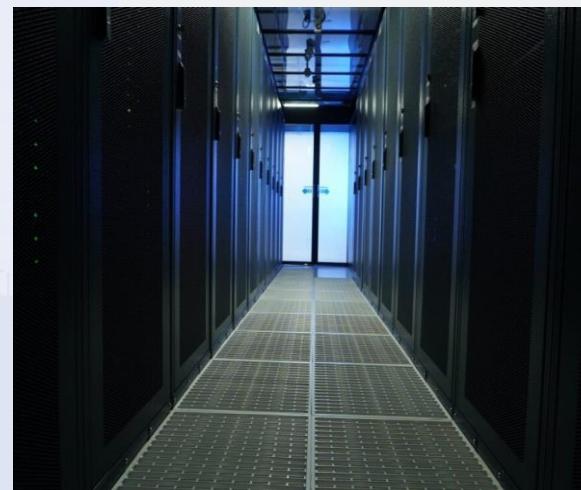
Hosted In A Highly Available, High Density, Green Data Center

- Shakti Cloud is hosted in an **Uptime Tier IV** certified **Fault Tolerant** data center offering **99.999%** uptime guarantee.
- Hosted in a very **High-Density** Environment with rack density greater than 48 kW, by deploying highly redundant and **sophisticated cooling and power distribution** systems
- The rear door heat exchanger (**RDHx**) units placed right behind the racks take chilled water very close to the GPU chips, ensuring the **fastest removal of heat** and optimal power usage.
- Shakti Cloud has been built with sustainability in mind. **Over 50%** of the power used is generated from **green sources** like water, solar and wind, thus epitomising efficiency and environmental responsibility.

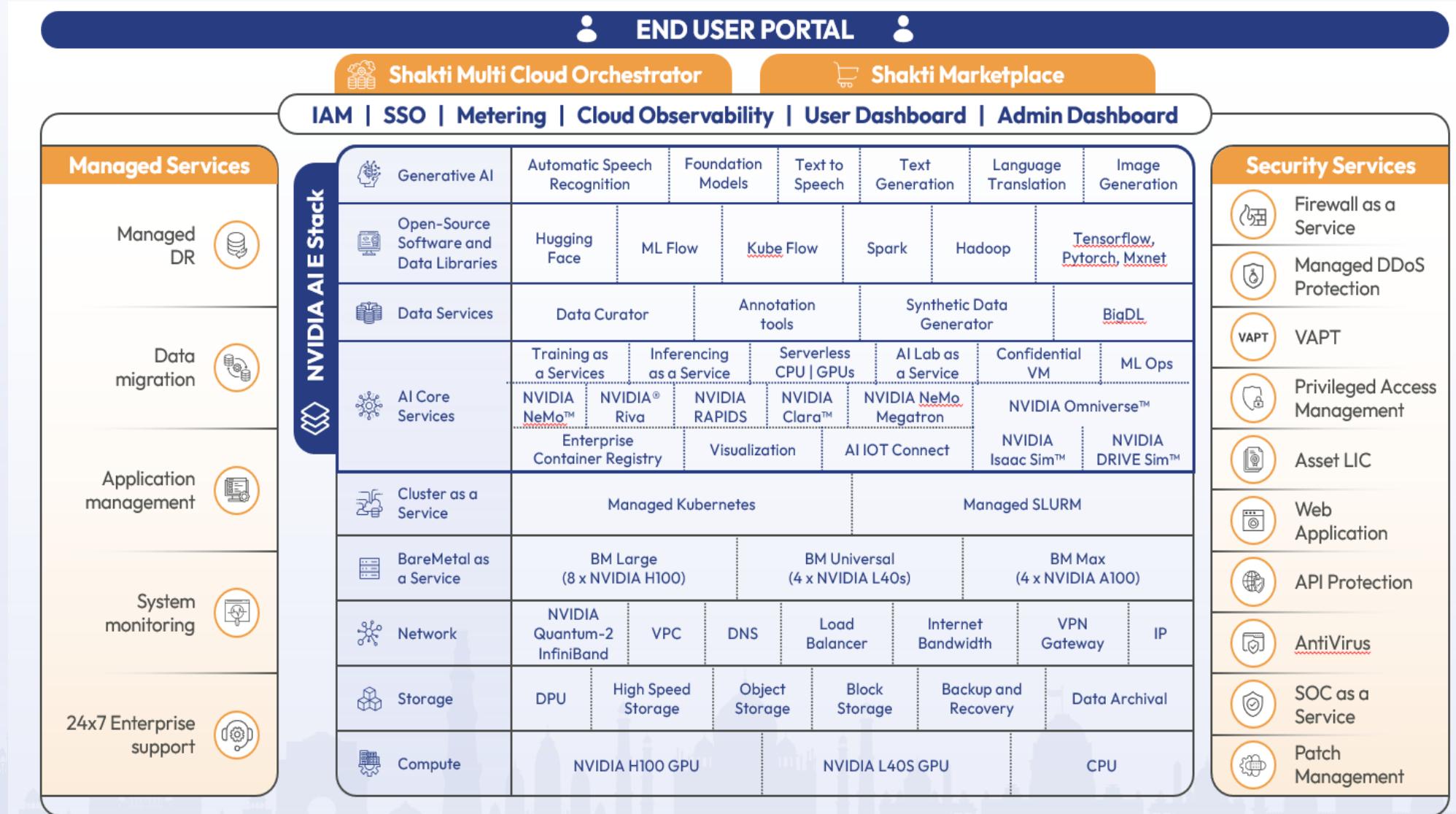


YOTTA NM1 DC: 36 MW

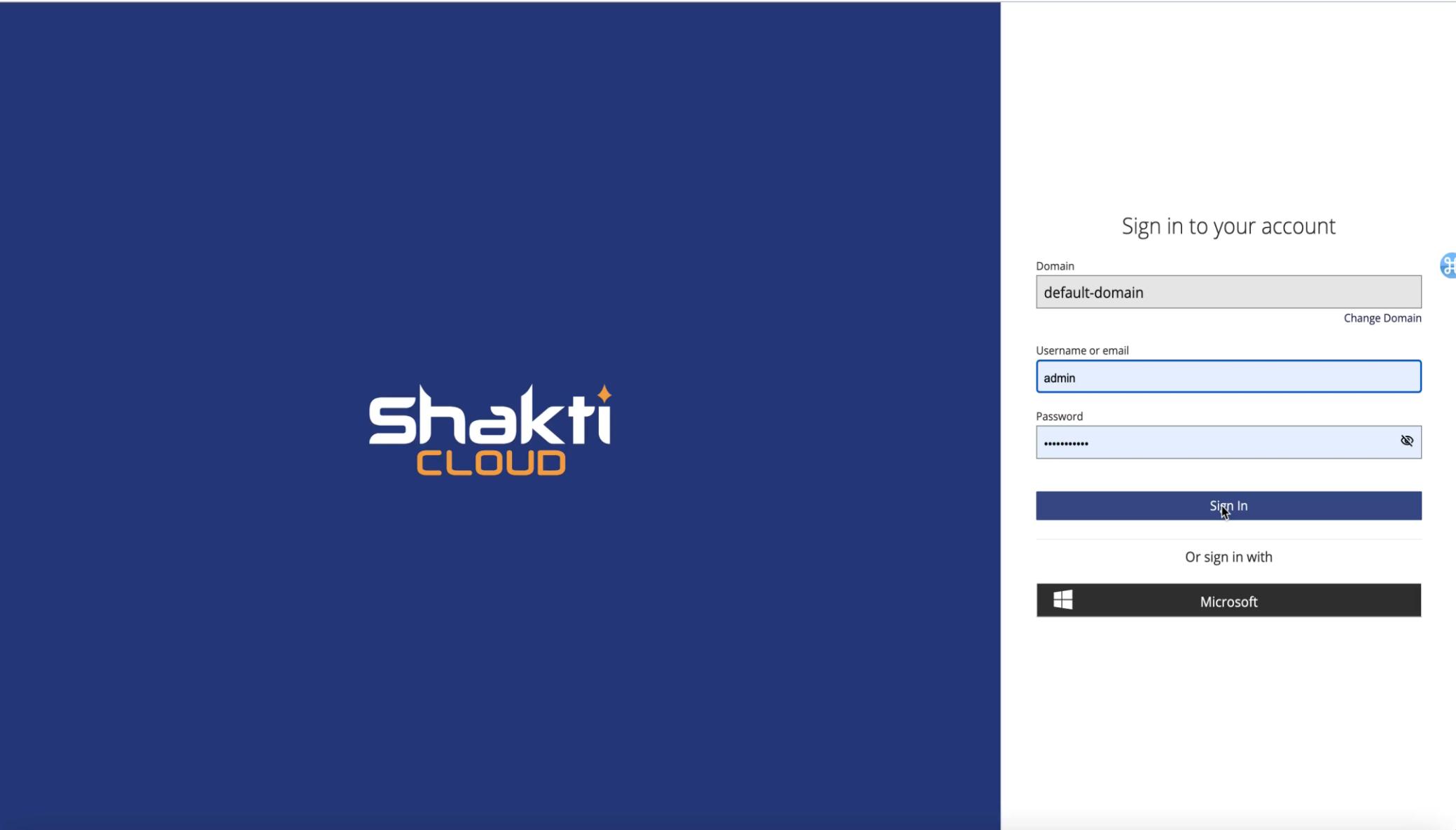
NAVI MUMBAI DC PARK: > 60 Acres, >600 MW



End-to-End Software & Services Stack For Accelerated Computing Needs



Shakti Cloud Demo



The image shows a screenshot of the Shakti Cloud login interface. On the left, there is a large dark blue vertical bar with the Shakti Cloud logo at the bottom. The logo consists of the word "Shakti" in white with an orange dot above the letter "t", and "CLOUD" in orange below it. To the right of this bar is a white login form.

Sign in to your account

Domain: [Change Domain](#)

Username or email:

Password: [Change Password](#)

[Sign In](#)

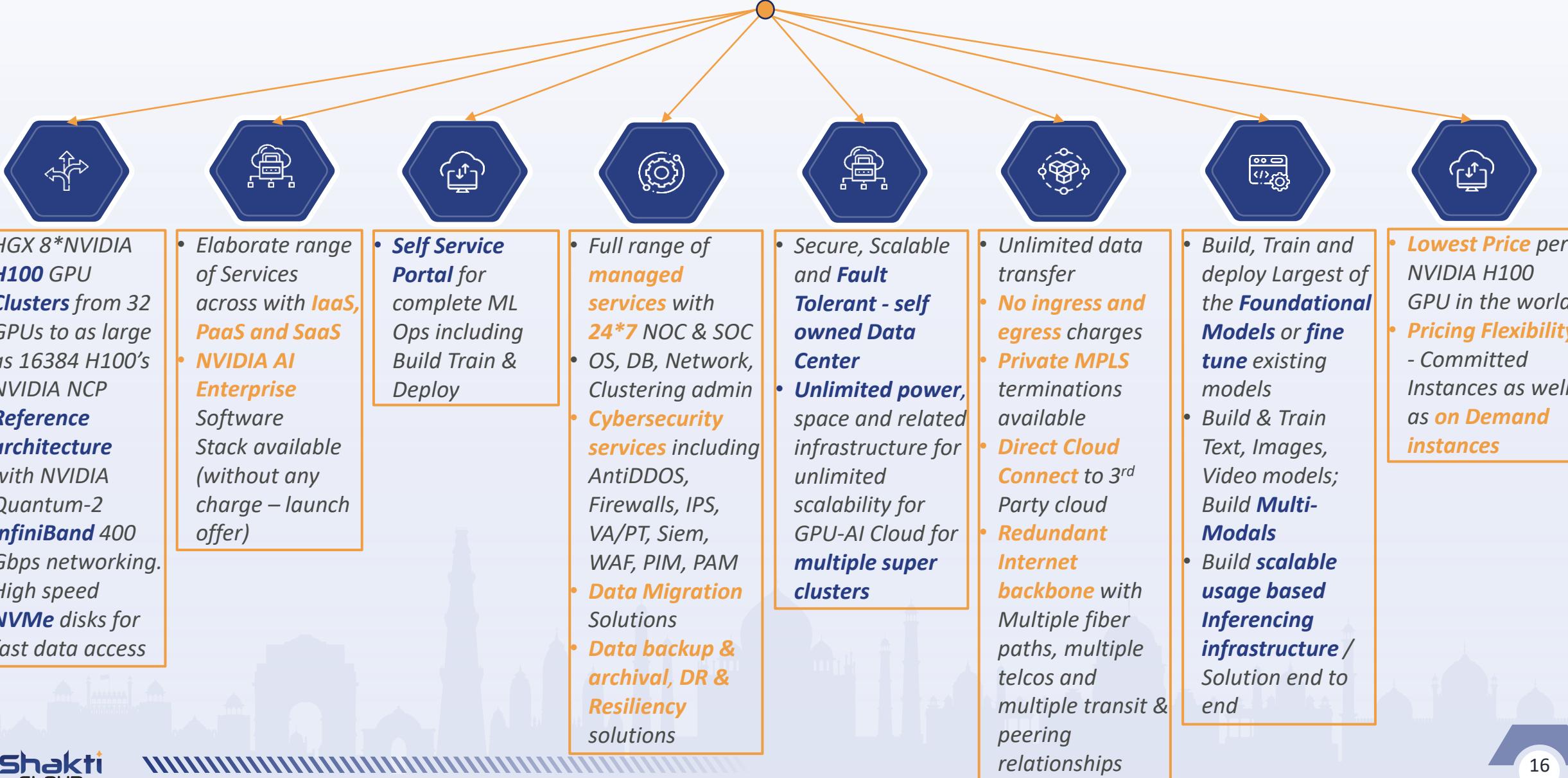
Or sign in with:

 Microsoft

Most Cost-Effective GPUs In The World

- With NVIDIA InfiniBand included
- With Internet ingress and egress included
- With NVIDIA AI Enterprise stack included (launch offer)

Plan	Advance Payment with Contract	On-Demand Per Hour Rate	Monthly Contract	6 Months Contract	12 Months Contract	24 Months Contract	36 Months Contract	48 Months Contract
224vCPU, 2048 GB RAM, 640 GB GPU Memory, NVLink, NVSwitch, 50TB Usable Internal Storage, BlueField-3, InfiniBand network (unlimited ingress and egress with 500Mbps per node Internet Bandwidth with Basic level DDoS Protection Included)	0%	4.99	3.69	3.56	2.76	2.66	2.57	2.47
	25%	-	-	3.43	2.66	2.46	2.21	2.12
	50%	-	-	3.30	2.50	2.30	2.05	1.97
	75%	-	-	3.17	2.43	2.23	1.98	1.90
	100%	-	-	3.05	2.35	2.15	1.90	1.82





THANK YOU

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