

# Maximising GenAI Performance: The GPU & Beyond

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**AI HARDWARE  
& EDGE AI  
SUMMIT**

# Context

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## 01 Factors

The key elements of GenAI performance, it's not just the GPU.

## 02 Maturity

As the market matures, values, priority and focus will change

## 03 Correlation

GenAI performance will directly correlate to business performance

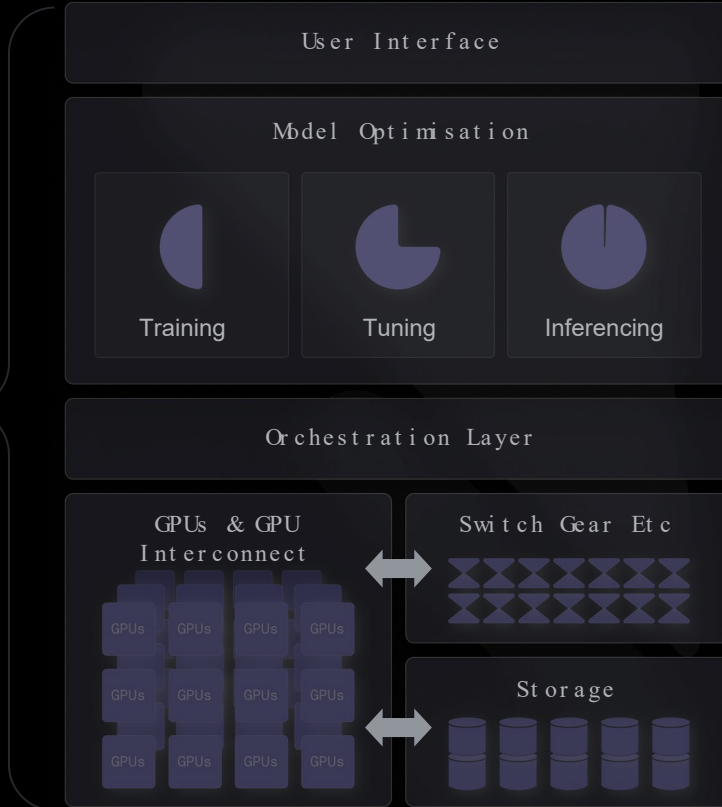
01 Factors

02 Maturity

03 Correlation

The key elements of GenAI performance, it's not just about the GPU.

## The Tech Stack



## External Factors



- 01 Factors
- 02 Maturity
- 03 Correlation

As the market matures, values, priority and focus will change

# Today



The Model Maker

How many GPUs do you have?

When are they available?

How much are they?

Focused on

**Scale**

**Time**

**Cost**

# Tomorrow



Enterprise  
Leadership

Can you help us use  
GenAI to create new  
products and services?

Can we create our own  
GenAI Private Cloud  
with Tier 3 capability?

What about helping us  
to achieve our ESG  
goals?

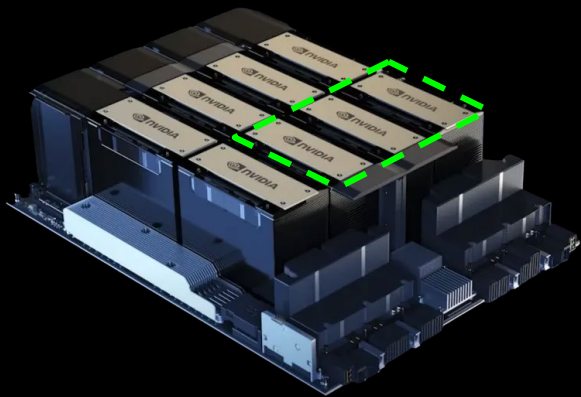
Focused on

**Outcomes &  
Business Value**

**Security &  
Resilience**

**Sustainability &  
Compliance**

As an aside....



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# The performance conversation will change; transparency will be key.

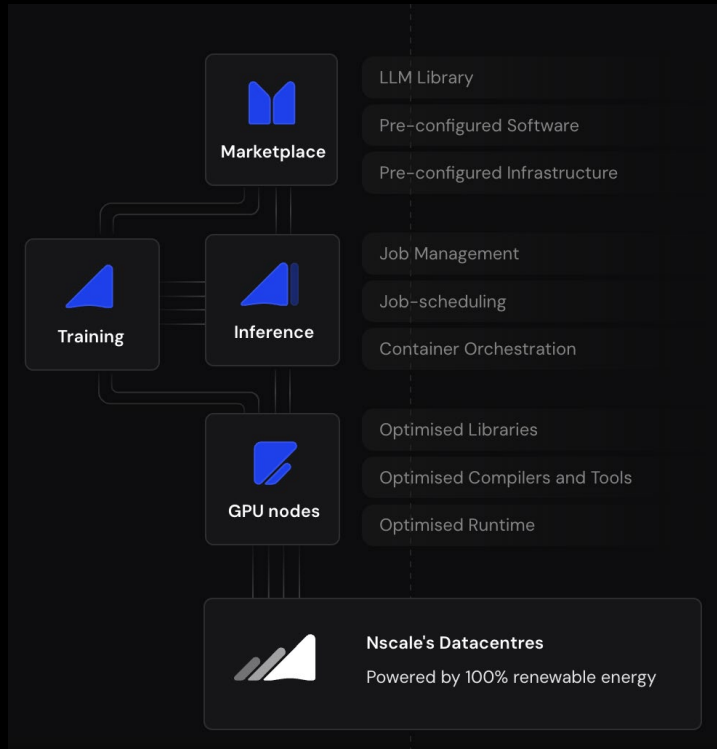
-  Essential
-  Preferred
-  Bonus



- 01 Factors
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GenAI performance  
will directly correlate  
to business  
performance

## GenAI Performance



## Business Performance

- High performance training means faster time to deployment
- High performance inferencing means a much better user experience
- **Delivered securely**, ensuring **compliance**, in region and with **100% renewable energy** means you achieve your ESG goals
- **Evergreen technology** with scale to grow provides peace of mind for your future needs
- **Transparency**, so you know exactly what you are committing to; nothing hidden

# Glomfjord, Norway

## 60MW of Contiguous Capacity.

Strategically located near the Arctic Circle in Norway, Nscale leverages the environment's natural cooling. The data centre is powered by 100% renewable energy and features energy-efficient adiabatic cooling, streamlined operations, and scalability.

Nscale benefits from some of the lowest cost-renewable power on earth making it one of the lowest cost AI training hubs in the world.

Our vertical integration and low-cost power enables us to deliver sustainable, high-performance AI infrastructure more quickly and more cost-effectively than our competitors.



# Building a pipeline of sites across Europe and the US

## Operational

- Glomfjord, Norway: 60MW

## Greenfield Pipeline

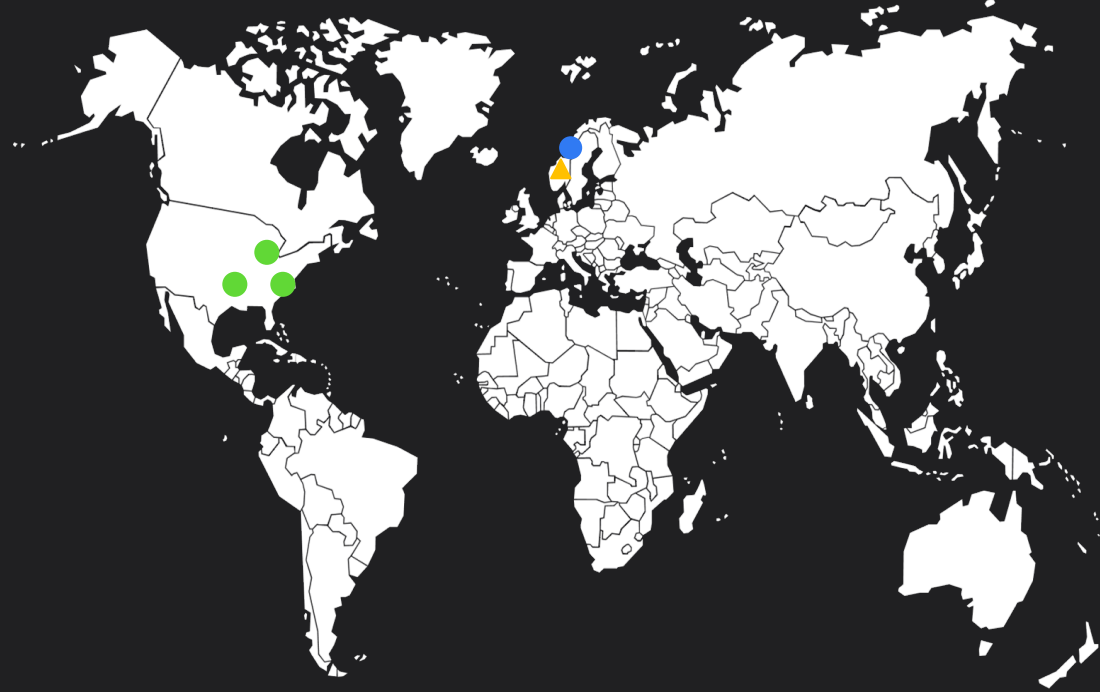
- Texas, USA: Up to 400 MW
- Ohio, USA: Up to 333 MW

## Colocation Partners

- ▲ Stavanger, Norway: 6 MW
- ▲ Oslo, Norway: 6 MW

Total Capacity of 0.805 GigaWatts

With more on the horizon.



# Thank you



To learn more about our platform, visit [nscale.com](https://nscale.com) and:

- Elio's workshop is later today @ 4.15PM - 5.15PM in the Valley Room
- Followed by our Networking event at SP2 Bar & Restaurant from 6.30-8.30pm.
- And please visit us on Booth 43 & 44